

Government of India
Ministry of Health and Family Welfare
AIIMS Mangalagiri

Notice Inviting Tender

F.No:AIIMS MG/ENGINEERING Dept/2021-22/01

Name of Work : Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.

Estimated Cost	Rs.27,05,341/-
EMD	NIL(As per O.M. No.DG/CON/ Misc / 13 dated. 23.11.2020)
Performance Guarantee	3% of tendered value (As per O.M. No.DG/CON/Misc/14,dated 23.11.2020)
Security Deposit	2.5% of Tendered Value
Period of completion	1. The total completion period is 45 days. 2. 15 days after procurement of all material.

PART - A

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NAME OF WORK :- Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.

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**Superintending Engineer,
AIIMS Mangalagiri.**

INFORMATION & INSTRUCTIONS FOR BIDDERS FOR e-TENDERING: -

Superintending Engineer, on behalf of Director, AIIMS Mangalagiri Invites online percentage rate e-bids from approved and eligible contractors of CPWD, MES, Railways, BRO, PSUs, State Government & experienced, specialized firms through e-tender portal for following work

Sl. No.	Description	Details
1	NIT No.	<u>F.No: AIIMS MG/Engineering Dept/2021-22/01</u>
2	Name of Work & Locations	Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.
3	Estimated Cost Put to Bid / Tender	Rs. 13,14,038/- (Civil) + Rs.13,91,303/- (E&M.) Rs. 27,05,341/- (Total)
4	Earnest Money (EMD)	NIL (As per O.M. No. DG/CON/Misc/13 dated 23.11.2020)
5	Period of Completion	Within 15 days after procurement of all materials. However total completion period shall be 45 days from date of issue of Work Order.
6	Last date & time of online submission of bid, Copy of Receipt for Deposition of Original EMD and other documents.	Up to 18:00 Hours on 28 / 08 /2021
7	Date and Time of opening of Bid	Up to 10:00 Hours on 30 / 08 /2021
10	Period during which original receipt of deposition of EMD and other eligible documents shall be physically submitted in division office	Only by lowest bidder within a week (day of opening includes also) of opening of financial bid up to 15:30 Hrs.

- The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- Information and Instructions for bidders posted on website shall form part of bid document.
- 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.eprocure.gov.in or www.aiimsmangalagiri.edu.in free of cost.
- 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.
- 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 rate of each item. The column meant for quoting rate in figures appears in pink color and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO) (for item rate tender only)
9. If a tenderer quotes Nil rates against each Item in Item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. GST, Works Contract Tax, Labor Cess and any other tax / levy etc. as applicable shall be borne by the contractor himself. The bidder shall quote his rates considering all such taxes with reasonable foresight.
11. Income tax, GST, Labor cess & other statutory deductions etc as per government laws at the time of release of payment will be deducted at source.

Minimum Eligibility Criteria :

1. The interested bidder should meet the following minimum qualifying criteria.
 - a) Average Annual Financial turnover during the last 3 years, ending 31st march of the previous financial year, should be at least 30% of the estimated cost.
 - b) Contractor should have registration with Govt./ Semi govt. organization like CPWD, Railways, MES, BRO, PSUs state PWD, etc. in appropriate class/ experienced specialized firms and /or agency have experience in carrying out similar works.
- b) The bidder should have satisfactorily completed the works as mentioned below during the last seven years prior to the last stipulated date for submission of the bid.
 - i. At least three similar or completed works each of value not less than 40% of the estimated cost put to tender.

OR

 - ii. At least two similar completed works each of values not less than 50% of the estimated cost put to tender.

OR

 - iii At least one similar completed works of values not less than 80% of the estimated cost put to tender. should have been completed in Ministers/ Department/ Autonomous/ Bodies/ public Sector Undertaking under Government of India or state Govt.

S.No.	Specialized work(s) /Item of work(s)	Eligibility Criteria of Associated Agencies
A	Major Work (CIVIL)	The tenderer shall associate specialized agencies, who have satisfactorily completed similar nature of works.
1	Modification to floor, ceiling, wall, AC system etc. for provision of Minor OT facilities in Procedural Room in Ayush block	
	Minor work(E&M)	
2	Internal / External E.I.	The tenderer shall associate contractors of appropriate class in composite category having valid electrical license.

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

Table - 1

i)	Enlistment Order of the Contractor in appropriate class of composite category in CPWD.
ii)	Proforma for Earnest Money Deposit Declaration (Form 'F') (Page 07)
iii)	<p>GST registration certificate, if already obtained by the bidder. If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any Payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard". (FORM "G") Page 08</p>
iv)	<p>Uploading of valid electrical license of eligible class. OR</p> <p>Uploading of undertaking for obtaining valid electrical license at the time of execution of electrical work or association of Contractor having valid electrical license of eligible class.</p> <p>The eligible Contractors shall be issued tender on production of valid electrical license from competent authority in the name of the contractor. However, the contractors shall be allowed to participate in tender with an undertaking (Form- I Page 09) 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.</p>

- **Physical submission of documents by lowest bidder.**

Self attested copy of all the scanned and uploaded documents as specified in press notice/ CPWD-6, anywhere in the NIT shall have to be submitted by the lowest bidder with in a week (The week includes the day of opening of bid).

**Superintending Engineer
AIIMS Mangalagiri.**

<u>CHECK LIST FOR TENDERERS</u>	
<u>DOCUMENTS TO BE UPLOADED</u>	Documents to be submitted by the 1st lowest tenderer (to be ascertained by the agency himself from the website and no letter shall be issued by the EE to this extent) in the office of SE within a week of opening of financial bid (week includes the day of opening)
<u>SCANNED COPY OF</u>	<u>ORIGINAL OF</u>
(i) Proforma for Earnest Money Deposit Declaration (Form F)	(i) Proforma for Earnest Money Deposit Declaration (Form F)
(ii) Valid enlistment order of the contractor in appropriate class.	(ii) Valid enlistment order of the contractor in appropriate class.
(iii) Certificates of Registration of GST	(iii) Certificates of Registration of GST
(iv) Uploading of valid electrical license of eligible class	(iv) Uploading of valid electrical license of eligible class

Proforma for Earnest Money Deposit Declaration (Form F)

Whereas, I/We _____ (name of agency) _____
have submitted bids Modification to floor, ceiling, wall for provision of minor OT
facilities in procedural room in Ayush block, AIIMS Mangalagiri.

I / We hereby submit following declaration in lieu of submitting Earnest Money
Deposit.

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

OR

- (2) If, after the award of work, I / We fail to sign the contract, or to submit
performance guarantee before the deadline defined in the tender documents,

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

Signature of the contractor(s)

FORM ' I'**UNDERTAKING REGARDING ELECTRICAL LICENCE**

To
The Superintending Engineer,
AIIMS Mangalagiri,

Subject:- Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.

Sir,

Having examined the details given in press notice and bid document for the above work, I/
We hereby submit the following.

"I/we hereby certify that I/we will either obtain valid electrical license at the time of execution of electrical work or associate Contractor having valid electrical license of eligible class".

Seal of bidder.

Date of submission

Signature (s) of Bidder(s)

CPWD-6 FOR E-Tendering

- 1 **Percentage rate bids** are invited on behalf of President of India for the work mentioned below from approved and eligible contractors for the following work :-

Name of Work :- Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.

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 cost **Rs. 27,05,341/-** This estimate, however, is given merely as a rough guide.

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** which is available as a Govt. of India Publication and also available on website www.aiimsmangalagiri.edu.in Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be **45 days** from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
 - a) The site for the work is available.
 - b) The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.
4. The Agency shall take all Safety Precautions during execution of the work to avoid any untoward incident, including proper barricading of all the sites and installing necessary caution sign boards wherever required. The Agency shall be solely responsible for any untoward incident at the site and during transportation of men and material at site.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.eprocure.gov.in.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more items any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified (for Item rate tender)
8. a) Superintending Engineer shall issue a Proforma for Earnest Money Deposit Declaration (Form F) to the bidder in prescribed format (of this NIT format at Page No. **07**) uploaded by tender inviting SE in the NIT.

This Proforma for Earnest Money Deposit Declaration (Form F) shall also be uploaded to the e- tendering website by the intending bidder up to the specified bid submission date and time.

b) Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice 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 (The week includes the day of opening of bid) A check list for Bidders for documents has been given at page 6 of this NIT.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose documents scanned and uploaded are found in order.

The bid submitted shall be opened at **10:00 Hrs on 30 / 08 /2021**

09. The bid submitted shall become invalid if

- (i) The bidder is found ineligible.
- (ii) The bidder does not upload all the documents (including Certificate of Registration for GST and acknowledgement of up to date filed returns as per NIT stipulations.) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
- (iii) If any discrepancy is noticed between the document as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.
- (iv) If a tenderer quotes Nil rates 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 3% (Three Percent) (As per O.M. No. DG/CON/Misc/14 dated 23.11.2020** 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 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 Contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registration or proof of applying for obtaining labor 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** : Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.
13. **Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidders implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.**
14. 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.
15. 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.
16. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a

Person who had not obtained the permission of the Government of India as aforesaid before Submission of the bid or engagement in the contractor's service.

18. The bids for the work shall remain open for acceptance for a period of **60 (Sixty)** days from the date of opening.
- (i) If any tenderer withdraws his tender or makes any modification in the Terms & Conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (ii) If any tenderer withdraws his tender or makes any modification in the Terms & Conditions of the tender which is not acceptable to the department **after expiry of 7 days after last date of submission of bids**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not**.
 - (iii) **In case of forfeiture of earnest money as prescribed in para (i) and (ii) above**, the bidders shall not be allowed to participate in the rebidding process of the same work.
19. This notice inviting Bid shall form a part of the contract document. The successful bidders / contractor, on acceptance of his bid by the Accepting Authority shall within **05 days** from the stipulated date of start of the work, sign the contract consisting of:-
- (a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - (b) Standard C.P.W.D. Form 7

INTEGRITY PACT

To,

.....
.....
.....

Sub:-Modification to floor, ceiling, wall, AC system etc. for provision of minor OT facilities in Procedural room in Ayush block, AIIMS Mangalagiri-Reg

Ref:NIT No. AIIMS MG/Engineering Dept/2021-22/01

Dear Sir,

It is here by declared that AIIMS Mangalagiri 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 tenderer will sign the integrity Agreement, which is an integral part of tender / bidder 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 Mangalagiri.

Yours faithfully

**Superintending Engineer,
AIIMS Mangalagiri.**

INTEGRITY PACT

To,
The Superintending Engineer,
AIIMS Mangalagiri

Sub :- Modification of floor, ceiling, wall, AC system, electrical works etc. for provision of Minor OT facilities in Procedure Room in Ayush block, AIIMS Mangalagiri.

Dear Sir,

I / We acknowledge that AIIMS Mangalagiri 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 TENDER 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 AIIMS Mangalagiri. 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 Mangalagiri 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 / Tenderer)

TO BE SIGNED BY THE BIDDER AND SAME SIGNATORY COMPETENT
/AUTHORIZED TO SIGN THE RELEVANT CONTRACT ON BEHALF OF AIIMS
Mangalagiri
INTEGRITY AGREEMENT

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

BETWEEN

President of India represented through Superintending Engineer, AIIMS Mangalagiri

‘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:- **AIIMS MG/Engineering dept/2021-2022/ 01**) (hereinafter referred to as “Tender / Bid”) and intends to award, under laid down organizational procedure, contract for :

Modification to floor, ceiling, wall for provision of minor OT facilities in procedural room in Ayush block, AIIMS Mangalagiri

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
 - (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 Endeavour 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:
 - (3) 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.
 - (a) 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.
 - (b) 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.
 - (c) 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
 - (d) The Bidder(s) / Contractor(s) will, when presenting his bid, disclose 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.
- (4) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

- (5) 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.
- (6) 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**

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:

- (1) 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:
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.
- (3) 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 IPC 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**

- (1) 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.
- (2) 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/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/Owner.

- (3) 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 Subcontractors/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 Mangalagiri.

➤ **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 thereof shall not be subject to arbitration.

➤ **Article 8- LEGAL AND PRIORRIGHTS**

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/Contact 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:-.....

**GOVERNMENT OF INDIA
AIIMS Mangalagiri**

PERCENTAGE RATE TENDER & CONTRACT FOR WORK: -

Tender for the work of Modification to floor, ceiling, wall for provision of minor OT facilities in procedure room in Ayush block, AIIMS Mangalagiri.

- (i) To be submitted online by **18:00** Hrs. on **28 / 08 /2021** to Superintending Engineer at www.eprocure.gov.in
- (ii) To be opened on **30 / 08 /2021** from **10:00 Hrs.** onwards in the office of Superintending Engineer AIIMS Mangalagiri .

TENDER

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

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

If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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

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

Dated:

Witness:

Address:

Occupation:

Signature of Contractor
Postal Address

ACCEPTANCE

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

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

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

For & on behalf of the President of India.

Signatures.....

Dated:
Designation.....

PROFORMA OF SCHEDULES

PROFORMA OF SCHEDULES (CIVIL WORKS)

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) = As per enclosed BOQ

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sr. No.	Description of Item	Quantity	Rates in figures & words at which the material will be charged to be contractor	Place of Issue
1	2	3	4	5
----- Nil -----				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sr. No.	Description	Hire charges per day	Place of issue
1	2	3	4
----- Nil -----			

SCHEDULE 'D' Extra schedule for specific requirements / document for the work, if any.	As per Tender documents
SCHEDULE 'E' Reference to General Conditions of contract :	GCC 2020, Construction work , CPWD form 7 as modified & corrected up to previous day of the last date of submission of tender
Name of work	Modification to floor, ceiling, wall for provision of minor OT facilities in procedural room in Ayush block, AIIMS Mangalagiri
Estimated cost of work	Rs. 27,05,341/-
Earnest money	NIL (As per O.M. No. DG/CON/Misc/13 dated 23.11.2020)
Performance guarantee	3% of tendered value (As per O.M. No. DG/CON/Misc/14 dated 23.11.2020)
Security deposit	Nil

SCHEDULE 'F'	
GENERAL RULES & DIRECTIONS: Officer inviting tender	Superintending Engineer, AIIMS Mangalagiri
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:	See under Clause 12
DEFINITIONS:	
2(v) Engineer-in-Charge	Superintending Engineer, AIIMS Mangalagiri.
2(viii) Accepting Authority	Competent authority as per delegated financial powers of AIIMS Mangalagiri
2(xi) Standard Schedule of Rates	D.S.R. 2021 with correction slips issued up to previous day of the last date of submission of tender
2(xii) Department	AIIMS Mangalagiri
9(ii) Standard CPWD Contract Form	GCC-2020 Construction Works, CPWD form 7 as modified & corrected up to previous day of the last date of submission of tender.
Clause 1	
(i) Time allowed for submission of performance guarantee, programme chart (time and progress) and applicable labor licenses, registration with EPFO, ESIC and BOCW Welfare Board or proof of applying thereof from the date of issue of letter of acceptance.	05 days
(ii) Maximum allowable extension with late fee at 0.1% per day of performance guarantee amount beyond the period provided in (i) above	03 days
Clause 2	
Authority for fixing compensation under clause 2	Director & CEO, AIIMS Mangalagiri
Whether Clause 2A shall be applicable	
No	
Clause 5	
Number of days from the date of issue of letter of acceptance for reckoning date of start	05 days

The Contractor shall submit a Programme Chart (Time and Progress) for each milestone along with performance guarantee.

Time allowed for execution of work	The total completion period shall be 45 days 15(days) after procurement of all material.
Authority to decide:	
(i) Extension of time	Director & CEO, AIIMS Mangalagiri
(ii) Rescheduling of milestones	Director & CEO, AIIMS Mangalagiri
(iii) Shifting of date of start in case of delay in handing over of site	Director & CEO, AIIMS Mangalagiri

Clause 7		
Clause 7A Whether Clause 7A shall be applicable	Yes No Running Account Bill shall be paid for the Work till the applicable labour licenses, registration EPFO and ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-Charge	
Clause 10B (i) Whether Clause 10 B (i) shall be applicable (Secured advance)	Yes	
Clause 10 CC		= Not Applicable
Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	:	12 Months.
Schedule of component of other Materials, Labor, etc. for price escalation.	:	-
Component of Civil materials (except materials covered Under Clause 10CA expressed as percentage of total value of civil work)	:	X m
Component of Labor expressed as percentage of total value of civil work	:	Y
Note: Xm..... %should be equal to(100)-(materials covered under clause 10CA i.e. Cement, Steel, POL and other material specified in clause 10CA + Component of Labor)		
Clause 11		
Specifications to be followed for execution of work	CPWD Specifications 2019 (Civil works), Volume-I and II with correction slips issued up to previous day of the last date of submission of e-bid (Herein after called CPWD specifications also) and manufacturer's specification wherever applicable.	

PART - B

Special/ Additional Conditions & Particular Specifications

SPECIAL / ADDITIONAL CONDITIONS FOR CIVIL WORK

1. GENERAL

The Contractors are advised to inspect and examine the site and its surroundings and satisfy themselves with the nature of site, the means of access to the site, constraints put by local regulations, if any, weather conditions at site, general ground / subsoil conditions etc. or any other circumstances which may affect or influence their tenders. The Contractor shall carry out survey of the work area, at his own cost, setting out the layout and fixing of alignment of the building as per architectural and Structural drawings in consultation with the Engineer-in-Charge. Any discrepancy between the architectural drawings and actual layout at site shall be brought to the notice of the Engineer-in-charge. It shall be responsibility of the Contractor to ensure correct setting out of alignment. Nothing extra shall be payable on this account. No claims, whatsoever, shall be entertained at a later date for any errors found, on plea that the information supplied by the Department in the tender is insufficient or is at variance with the actual site conditions.

The nomenclature of the item given in the schedule of quantities gives in general the work content but is not exhaustive i.e. does not mention all the incidental works required to be carried out for complete execution of the item of work. The work shall be carried out, all in accordance with true intent and meaning of the specifications and the drawings taken together, regardless of whether the same may or may not be particularly shown on the drawings and/or described in the specifications, provided that the same can be reasonably inferred. There may be several incidental works, which are not mentioned in the nomenclature

of each item but will be necessary to complete the item in all respects. All these incidental works / costs which are not mentioned in item nomenclature but are necessary to complete the item shall be deemed to have been included in the rates quoted by the contractor for various items in the schedule of quantities. No adjustment of rates shall be made for any variation in quantum of incidental works due to variation / change in actual working drawings. Also, no adjustment of rates shall be made due to any change in incidental works or any other deviation in such element of work (which is incidental to the items of work and are necessary to complete such items in all respects) on account of the directions of Engineer-in-Charge. Nothing extra shall be payable on this account.

The work shall generally be carried out in accordance with the "CPWD Specifications 2009 Vol. I & II" with up to date correction slips, additional/Particular Specifications, architectural /Structural drawings and as per instructions of Engineer-in-Charge. Any additional item of the work, if taken up subsequently, shall also conform to the CPWD/other relevant specifications as mentioned above.

In case of any difference or discrepancy between the description of items as given in the schedule of quantities, particular specifications for individual items of work (including special conditions) and I.S. Codes etc., the following order of preference shall be observed

Description of items as given in Schedule of quantities

- (ii) Particular specifications
- (iii) Special conditions
- (iv) Additional Conditions
- (v) Tender drawings attached
- (vi) CPWD Specifications
- (vii) General Conditions of Contract for CPWD works
- (viii) I.S. Codes
- (ix) ASTM,BS, or other foreign origin code mentioned in tender document
- (x) Decision of Engineer-in-Charge
- (xi) Sound Engineering practices or well established local construction practices

- 1.5. The work shall be carried out in accordance with the Good for Construction Architectural drawings and structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available from there is complete and unambiguous. The discrepancy, if any, shall be brought to the notice of the Engineer-In-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and or incomplete information.

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

The Contractor shall make all necessary arrangements for protecting from rains, fog or likewise extreme weather conditions, the work already executed and for carrying out the further work, during monsoon including providing and fixing temporary shelters, protections etc. Nothing extra shall be payable on this account. Also, no claims for hindrance shall be entertained on this account.

In case of flooding of site on account of rain or any other cause and any consequent damage, whatsoever, no claim financially or otherwise shall be entertained notwithstanding any other provisions elsewhere in the contract agreement. Also, the Contractor shall make good, at his own cost, the damages caused, if any. Further, no claims for hindrance shall be pertained on this account.

The Contractor shall do proper sequencing of the various activities by suitably staggering the activities within various pockets in the plot so as to achieve early completion. The agency may deploy adequate equipment, machinery and labor as required for the completion of the entire work within the stipulated period specified. Also ancillary facilities shall be provided by contractor commensurate with requirement to complete the entire work within the stipulated period. Nothing extra shall be payable on this account. Adequate number/sets of equipment in working condition, along with adequate stand-by arrangements, shall be deployed during entire construction period. It shall be ensured by the Contractor that all the equipment, Tools & Plants, machineries etc. provided by him are maintained in proper working conditions at all times during the progress of the work and till the completion of the work. Further, all the constructional tools, plants, equipment and machineries provided by the Contractor, on site of work or his work shop for this work, shall be exclusively intended for use in the construction of this work and they shall not be shifted / removed from site without the permission of the Engineer-in-Charge.

Royalty at the prevalent rates shall be paid by the Contractor or the RMC supplier as per the terms of supply between them, on all materials such as boulders, metals, all sizes stone aggregates, brick aggregates, coarse and fine sand, moorum, river sand, gravels and bajri etc. collected by him for the execution of the work, directly to the revenue authority of the state government concerned. Further, contractor needs to submit proof of submission of full royalty to the state government or local authority. Nothing extra shall be payable on this account.

RESPONSIBILITY

- i) The Contractor shall keep himself fully informed of all relevant acts and laws of the Central & State Governments, orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by District Collector / Local Authority and any other statutory bodies shall be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities. The water charges (for municipal water connection as well as tanker water) shall be borne by the contractor. Also, if the contractor obtains water connection for the drinking purposes from the municipal authorities or any other statutory body, the consequent sewerage charges shall be borne by the contractor. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges) payable to such authorities for carrying out the work, shall be borne by the Contractor. The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Department and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders, decrees, by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts.
- ii) The Contractor shall assume all liability, financial or otherwise in connection with this contract and shall protect and indemnify the Department from any and all damages and claims that may arise on any account. The Contractor shall indemnify the Department against all claims in respect of patent rights, royalties, design, trademarks of name or other protected rights, damages to adjacent buildings, roads or members of public, in course of execution of work or any other reasons whatsoever, and shall himself defend all actions arising from such claims and shall indemnify the Department in all respect from such actions, costs and expenses. Nothing extra shall be payable on this account.

CO-OPERATION WITH OTHER CONTRACTORS /SPECIALIZED AGENCIES / SUBCONTRACTORS

- i) The Contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupants of the adjacent properties and to the public in general. The Contractor shall take all care, as not to damage any other adjacent property or other services running adjacent to the plot. If any damage is done, the same shall be made good by the Contractor at his own cost and to the entire satisfaction of the Engineer-in-Charge. The Contractor shall use such methodology and equipment's for execution of the work, so as to cause minimum environmental pollution of any kind during construction, to have minimum construction time and minimum inconvenience to road users and to the occupants of the buildings on the adjacent plot and public in general, etc. He shall make good at his own cost and to the entire satisfaction of the Engineer in Charge any damage to roads, paths, cross drainage works or public or private property whatsoever caused, due to the execution of the work or by traffic brought thereon, by the Contractor. Further, the Contractor shall take all precautions to abide by the environmental related restrictions imposed by Gujarat state Pollution control board, Govt. of Gujarat as well as prevent any pollution of streams, ravines, river bed and waterways. All waste or superfluous materials shall be transported by the Contractor, entirely to the satisfaction of the Engineer-in-Charge. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants / users of adjoining buildings. No claim what so ever on account of site constraints mentioned above or any other site constraints, inadequate availability of skilled, semi-skilled or unskilled workers in the near vicinity, non-availability of construction machinery spare parts and any other constraints not specifically stated here, shall be entertained from the Contractor. Therefore, the Tenderers are advised to visit site and get first-hand information of site constraints. Accordingly, they should quote their tenders. Nothing extra shall be payable on this account.
- ii) The Contractor shall cooperate with and provide the facilities to the sub-Contractors and other agencies working at site for smooth execution of the work. The contractor shall indemnify the Department authorities against any claim(s) arising out of such disputes. The Contractor shall:
- a) Allow use of scaffolding, toilets, sheds etc.
 - b) Properly co-ordinate their work with the work of other Contractors.
 - c) Provide control lines and benchmarks to his Sub-Contractors and the other Contractors.
 - d) Provide electricity and water at mutually agreed rates.
 - e) Provide hoist and crane facilities for lifting material at mutually agreed rates.
 - f) Co-ordinate with other Contractors for leaving inserts, making chases, alignment of services etc. at site.
 - g) Adjust work schedule and site activities in consultation with the Engineer-in-Charge and other Contractors to suit the overall schedule completion.
 - h) Resolve the disputes with other Contractors/ sub-contractors amicably and the Engineer-in-Charge shall not be made in term diary or arbitrator.
- iii) The work should be planned in a systematic manner so as to ensure proper co-ordination of various disciplines viz. sanitary & water supply, drainage, rain water harvesting, electrical, fire fighting, information technology, communication & electronics and any other services.

SPECIALIZED AGENCIES

- i) The contractor has to engage one of the approved agencies as mentioned in the list of specialized work. The main contractor shall not change the specialized agency. However, if the change is warranted, he may do so, with permission of Engineer-in charge. Nothing extra shall be payable on this account.
- ii) It shall be the responsibility of main contractor to sort out any dispute / litigation with the Specialized Agencies without any time & cost overrun to the Department. The main contractor shall be solely responsible for settling any dispute / litigation arising out of his agreement with the Specialized Agencies. The contractor shall ensure that the work shall not suffer on account of litigation/ dispute between him and the specialized agencies. No claim of hindrance in the work shall be entertained from the Contractor on this account. No extension of time shall be granted and no claim what so ever, of any kind, shall be entertained from the Contractor on account of delay attributable to the selection/rejection of the Specialized Agencies or any dispute among them
- iii) The tenderer shall associate specialized agencies, who have satisfactorily completed specialized works of similar nature.

The rates quoted by the tenderer, shall be firm and inclusive of all taxes and levies **(including works contract tax and GST)**.

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 laborer's and other staff engaged directly or indirectly on the work according to the provisions of the labor and other statutory bodies regulations and the agreement entered upon by the Contractor with them.

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.

SAFETY PRACTICES

- i) **WARNING/ CAUTION BOARDS:** All temporary warning / caution boards / glow signage display such as "Construction Work in Progress", "Keep Away", "No Parking", Diversions & protective Barricades etc. shall be provided and displayed during day time by the Contractor, wherever required and as directed by the Engineer-in-Charge. These glow signage and red lights shall be suitably illuminated during night also. The Contractor shall be solely responsible for damage and accident caused, if any, due to negligence on his part. Also he shall ensure that no hindrance, as far as possible, is caused to general traffic during execution of the work. This signage shall be dismantled & taken away by the Contractor

after the completion of work, only after approval of the Engineer – in – Charge. Nothing extra shall be payable on this account.

- ii) **SIGN BOARDS:** The Contractor shall provide and erect a display board of size and shape as required and paint over it, in a legible and workman like manner, the details about the salient features of the project, as required by the Engineer-in-Charge. The Contractor shall fabricate and put up a sign board in an approved location and to an approved design indicating name of the project, client / owner, architects, structural consultants, Department etc. besides providing space for names of other Contractors, Sub-Contractors and specialized agencies .Nothing extra shall be payable on this account.
- iii) Necessary protective and safety equipment's shall be provided to the Site Engineer, Supervisory staff, labor and technical staff of the contractor by the Contractor at his own cost and to be used at site.
- iv) No inflammables including P.O.L shall be allowed to be stored in huge quantity at site. Only limited quantity of P.O.L may be allowed to be stored at site subject to the compliance of all rules / instructions issued by the relevant authorities and as per the direction of Engineer - in- Charge in this regard. Also all precautions and safety measures shall be taken by the Contractor for safe handling of the P.O.L products stored at site. All consequence son account of unsafe handling of P.O.L shall be borne by the Contractor.

QUALITYASSURANCE

- i) All material to be used in the work shall bear ISI certification mark unless otherwise the make is specified in the SOQ, list of approved makes and other conditions / specifications, appended with this tender document. In case ISI mark materials or the materials mentioned in the tender documents are not available, the material to be used shall conform to CPWD specifications applicable to these tender and / or national / international codes as approved by Engineer-in- Charge. In such cases, the Engineer-in charge shall satisfy him about the quality of such materials and give his approval in writing. Only articles classified, as first quality by the manufacturers / suppliers shall be used in the work, unless otherwise specified. All materials not having ISI mark, if allowed to be used in the work by Engineer-in-Charge, shall be tested as per relevant specifications, as approved by the Engineer-in-Charge. In all cases of use of ISI marked materials, proper proof of procurement of materials from authentic manufacturers shall be provided by the Contractor to the entire satisfaction of Engineer in charge.
- ii) The Contractor shall make available, on request from the Department, the copies of challan, cash memos, receipts and other certificates, if any, vouchers towards the quantity and quality of various materials procured for the work and the same shall be kept in record. The Contractor shall also provide information and necessary documentation on the name of the manufacturer, manufacturer's product identification, manufacturer's instructions, warning, date of manufacturing and test certificates (from manufacturers for the product for each consignment delivered at site), shelf life, if any etc., for the department to ensure that the material have been procured from the approved source and is of the approved quality, as directed by the Engineer-in-Charge. Wherever specified, day-to-day account of receipt of such material shall be maintained at site of work and shall be regulated by the department.

- iii) The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material / work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-charge & contractor shall be bound to replace / remove such sub- standard / defective work immediately. If any material, even though approved by Engineer-In-Charge is found defective or not conforming to specifications shall be replaced / removed by the contractor at his own risk & cost.
- iv) During the supervision of work by CPWD engineers, deficiencies, shortcomings, inferior workmanship pointed out by them shall also be made good by necessary improvement, rectification, replacement upon receipt of instructions from Engineer in Charge up to his complete satisfaction. Special attention shall be inevitable towards line and level of internal and external plastering, exposed smooth surface of RCC members by providing fresh shuttering plates rubberized linings to all the shuttering joints, accurate joinery work in wooden doors and windows, thinnest joints in stone/ tiling / cladding work, non-hollowness in floor and dado tiles work, protection of scratches over flooring by impounding layer of plaster of Paris, water tight pipe linings, absence of hollow vertical joints in brick masonry, proper compaction of filled up earth etc to achieve an Institution of International standards and up keeping of quality assurance shall be of paramount importance.
- v) The Contractor shall submit, within 20 days after the date of award of work, a detailed and complete method statement for the execution, testing and Quality Assurance, of such items of works, as directed by the Engineer-in-Charge. All the materials to be used in the work, to give the finished work complete in all respects, shall comply with the requirements of the specifications and shall pass all the tests required as per specifications as applicable or such specifications / standards as directed by the Engineer- in-Charge. However, keeping the Quality Assurance in mind, the Contractor shall submit, on request from the Engineer-in-Charge, his own Quality Assurance procedures for basic materials and such items, to be followed during the execution of the work, for approval of the Engineer-in-Charge.
- vi) All materials and fittings brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-charge which shall be preserved till the completion of the work. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-In-Charge. Wherever brand / quality of material is not specified in the item of work, the contractor shall submit the samples as per suggested list of brand names given in the tender document / particular specifications for approval of Engineer-In-Charge. For all other items, materials and fittings of ISI Marked shall be used with the approval of Engineer-In-Charge. Wherever ISI Marked material / fittings are not available, the contractor shall submit samples of materials / fittings manufactured by firms of repute conforming to relevant specifications or IS codes and use the same only after getting the approval of Engineer-In-Charge.
- vii) The Contractor shall procure and provide all the materials from the manufacturers / suppliers as per the list attached with the tender documents, as per the item description and particular specifications for the work. The equivalent brand for any item shall be permitted to be used in the work, only when the specified make is not available. This is, however, subject to documentary evidence produced by the contractor for non-availability of

the brand specified and also subject to independent verification by the Engineer-in-Charge. In exceptional cases, where such approval is required, the decision of Engineer-in-Charge as regards equivalent make of the material shall be final and binding on the Contractor. No claim, whatsoever, of any kind shall be entertained from the Contractor on this account. Nothing extra shall be payable on this account. Also, the material shall be procured only after written approval of the Engineer-in-Charge.

- viii) All materials whether obtained from Govt. stores or otherwise shall be got checked by the Engineer-in-Charge or his authorized supervisory staff on receipt of the same at site before use.
- ix) The tests, as necessary, shall be conducted in the laboratory approved by the Engineer-in-Charge. The samples shall be taken for carrying out all or any of the tests stipulated in the particular specifications and as directed by the Engineer-in-Charge or his authorized representative.
- x) The Contractor shall at his own risk and cost make all arrangements and shall provide all such facilities including material and labor, the Engineer-in-Charge may require for collecting, preparing, forwarding the required number of samples for testing as per the frequency of test stipulated in the contract specifications or as considered necessary by the Engineer-in-Charge, at such time and to such places, as directed by the Engineer-in-Charge. Nothing extra shall be payable for the above.
- xi) The Contractor or his authorized representative shall associate in collection, preparation, forwarding and testing of such samples. In case he or his authorized representative is not present or does not associate him, the result of such tests and consequences thereon shall be binding on the Contractor. The Contractor or his authorized representative shall remain in contact with the Engineer-in-Charge or his authorized representative associated for all such operations. No claim of payment or claim of any other kind, whatsoever, shall be entertained from the Contractor.
- xii) All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions before covering and their measurements in computerized measurement book duly test checked shall be deposited with Engineer-in-Charge or his authorized representative, prior to hiding these items.
- xiii) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to byelaws and municipal body / corporation where CPWD Specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/Corporation authorities wherever required at his own cost.
- xiv) The contractor shall give performance test of the entire installation(s) as per the standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
- xv) The contractor shall have to execute guarantee bonds in respect of water proofing works as per Proforma enclosed.

- xvi) The Contractor shall depute Site Engineer & skilled workers as required for the work. He shall submit organization chart along with details of Engineers and supervisory staff. It shall be ensured that all decision making powers shall be available to the representatives of the Contractor at Ahmedabad itself to avoid any likely delays on this account. The Contractor shall also furnish list of persons for specialized works to be executed for various work. The Contractor shall identify and deploy key persons having qualifications and experience in the similar and other major works, as per the field of their expertise. If during the course of execution of work, the Engineer-in-Charge is of the opinion that the deployed staff is not sufficient or not well experienced; the Contractor shall deploy more staff or better-experienced staff at site to complete the work with quality and in stipulated time limit.
- xvii) The Contractor shall maintain all the work in good condition till the completion of entire work. The Contractor shall be responsible for and shall make good, all damages and repairs, rendered necessary due to fire, rain, traffic, floods or any other causes. The Engineer-in-Charge shall not be responsible for any claims for injuries to person/workmen or for structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the Contractor or of any other of his representatives, in his employment during the execution of the work. The compensation, if any, shall be paid directly to the Department/authority/persons concerned, by the Contractor at his own cost.

The Contractor shall arrange electricity at his own cost for testing of the various civil installations as directed by Engineer-in-Charge and for the consumption by the contractor for executing the work. Also all the water required for testing various civil installations and also testing water supply, sanitary and drainage lines, water proofing of underground sump, overhead tanks, water proofing treatment etc. shall be arranged by the contractor at his own cost. Nothing extra shall be payable on this account.

The Contractor should own constructions equipment as per list required for the proper and timely execution of the work. Nothing extra shall be paid on this account.

The Contractor will deploy sufficient number of Technical and Administrative employees for the proper execution of the contract. The bidder should submit a list of these employees stating clearly how these would be involved in this work.

SUBMISSION AND DOCUMENTATION

- i) The Contractor shall display all permissions, licenses, registration certificates, bar charts, other statements etc. under various labor laws and other regulations applicable to the works, at his site office.
- ii) The contractor shall make available 2 sets of computerized standard measurement books of each bill in the office for record purpose. Nothing extra shall be payable on this account

PROGRAM CHART:

- i) The Contractor shall prepare an integrated program chart within fifteen days of issue of award letter including civil as well as E & M activities for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the program within the stipulated period and submit the same for approval of the Engineer-In-Charge within fifteen days of the award of the work. These shall be submitted by the contractor through electronic media besides forwarding hard copies of the same. The integrated program

chart so submitted should not have any discrepancy with the physical milestones attached in the contract agreement. The program chart should include the following:-

- a) Descriptive note explaining sequence of various activities.
 - b) In case of noncompliance/delay in compliance in this, apenalty@Rs.500/-perday will be imposed which will be recovered from the immediate next R/A Bill of the Contractor.
 - c) Program for procurement of materials by the contractor.
 - d) Program for arranging and deployment of manpower both skilled and unskilled so as to achieve targeted progress.
 - e) Program of procurement of machinery/equipment having adequate capacity, commensurate with the quantum of work to be done within the stipulated period, by the contractor.
 - f) Program for achieving fortnightly micro milestones and periodic milestones.
 - g) If at any time, it appears to the Engineer-In-Charge that the actual progress of work does not conform to the approved program referred above, the contractor shall produce a revised program showing the modifications to the approved program by additional input to ensure completion of the work within the stipulated time.
 - h) The submission for approval by the Engineer-In-Charge of such program or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer- In-Charge to take action against the contractor as per terms and conditions of the agreement.
- ii) Apart from the above integrated program chart, the contractor shall be required to submit fortnightly progress report of the work in a computerized form on 1st and 16th of every month. The progress report shall contain the following, apart from whatever else may be required as specified above:
- a) Construction schedule of the various components of the work through a bar chart for the next two fortnights (or as may be specified), showing the micro- milestone/milestones, targeted tasks (including material and labor requirement) and up to date progress. At least 10 digital photographs showing all the parts of construction site along with at least 5 minutes video of executions of different items in soft copy has to be submitted in every fortnightly progress report.
 - b) Progress chart of the various components of the work that are planned and achieved, for the fortnight as well as cumulative up to the fortnight under reckoning, with reason for deviations, if any in a tabular format.
 - c) Plant and machinery statement, indicating those deployed in the work.
 - d) Man-power statement indicating:
 - Individually the names of all the staff deployed on the work, along with their designations.
 - No. of skilled workers (trade wise) and total no. of unskilled workers deployed on the work and their location of deployment i.e. blocks.
 - e) Financial statement, indicating the broad details of all the running account payment received up to date, such as gross value of work done, advances taken, recoveries effected, amount withheld, net payments details of cheque payment received, extra/substituted/deviation items if any, etc.

CLEANLINESS OF SITE

- i) The Contractor shall not stack building material / malba / muck 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 by elaws 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.

- ii) The contractor shall take instructions from the Engineer-In-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed.
- iii) The site of work shall be always kept clean due to constraints of space and to avoid any nuisance to the users of buildings in the adjacent plots. The Contractor shall take all care to prevent any water- logging at site. The waste water, slush etc. shall not be allowed to be collected at site. It may be directly pumped into the creek with prior approval of the concerned authorities. For discharge into public drainage system, necessary permission shall be obtained from relevant authorities after paying the necessary charges, if any, directly to the authorities. The work shall be carried out in such a way that the area is kept clean and tidy. All the fees/charges in this regard shall be borne by the Contractor. Nothing extra shall be payable on this account.

INSPECTION OF WORK

- i) In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by the SE AIIMS Mangalagiri 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.

Maintenance of Registers:

- All the registers for tests of material to be carried out at construction site or in outside laboratories shall be maintained by the contractor. These register shall be issued to the contractor by Engineer-in-Charge in the same manner as being issued to CPWD field staff.

The test registers to be issued to the contractor are:

- a) Materials at site account register.
- b) Cement register.
- c) Master test registers.
- d) Cube test register.
- e) Paint register.
- f) Inspection registers.
- g) Drawing register.

- All the entries in the register will be made by the designated engineering staff of the contractor and same should be regularly reviewed by JE/AE/EE.
- Contractor shall be responsible for safe custody of all the test registers.
- Submission of copy of all test registers, material at site register along with each alternate running account bill and final bill shall be mandatory. These registers should be duly checked by AE in subdivision office.

TESTING OF MATERIALS

- 1) The contractor shall procure all the materials in advance so that there is sufficient time for testing and approving of the material and clearance of the same before use in work.
- 2) The contractor's rates for the items involving the use of materials shall be deemed to cover the cost of sample. The cost of packaging, sealing, transportation, loading, unloading etc. shall be borne by the contractor. Testing charges shall be borne by the department only when the samples satisfy the provisions specified and conform to the requirements of the relevant specifications. If the result show that the samples do not satisfy the relevant specifications, the testing shall be borne by the contractor.

The contractor shall take all precautions and measures as per Standard Operating Procedures (SOPs) and Guidelines for Construction Sites for Covid-19 Outbreak issued by State Authorities / Local body & Central Government for which nothing shall be paid extra.

- 1) 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 duste mission.
- 2) 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.
- 3) The contractor shall compulsory use of wet jet in grinding and stonecutting.
- 4) The contractor shall comply all the preventive and protective environmental steps as stated in the MoEF guidelines,2010.
- 5) The contractor shall carry out on-Road- Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
- 6) The contractor shall ensure that all DG sets comply emission norms notified by MoEF.
- 7) The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby pavedareas.
- 8) 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.
- 9) The paving of the path for plying of vehicles carrying construction material is more permanent solution to dust control and suitable for longer duration projects. The NIT approving authority shall carry out cost benefit ratio analysis of the same.

APPROVAL OF SHOP DRAWINGS.

The contractor shall submit a full detail for the presentation of shop drawings to the Engineer-in-charge for approval and in no case the contractor shall proceed with any of these works without approved shop drawings.

The contractor shall review and submit all shop drawings in a sequence consistent with the sequence of erection, installation and assembly of the various elements of the work. He shall be deemed to have determined and verified all materials, site measurements and construction criteria related thereto and to have checked the shop drawings for complete dimensional accuracy.

Any approval by the Engineer-in-charge of the shop drawings shall not relieve the contractor of his responsibility for any deviation from the requirements of the contract unless he has specially informed the Engineer-in-charge in writing of such deviation at the time of submission and the Engineer-in-charge has given written approval to the specific deviation.

(Guarantee offered by Bank to CPWD in connection with the execution of contracts)

Form of Bank Guarantee for Earnest Money Deposit / Performance Guarantee / Security Deposit / Mobilization Advance

1. Whereas the Director &CEO, AIIMS Mangalagiri on behalf of the President of India (hereinafter called ("The Government") has invited bids under(NIT Number) dated.....
for(name of work).....
The Government has further agreed to accept irrevocable Bank Guarantee for Rs.....(Rupeesonly) valid upto
(date)*as **Earnest Money Deposit** from(name and address of contractor)(hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Director &CEO, AIIMS Mangalagiri on behalf of the President of India (hereinafter called ("The Government") has entered into an agreement bearing number.....with.....
.....(name and address of the contractor).....
(hereinafter called "the contractor") for execution of work(name of work)..... The Government has further agreed to accept irrevocable Bank Guarantee for Rs.....(Rupeesonly) valid upto
(date)* as **Performance Guarantee / Security Deposit / Mobilization Advance** from the said contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We,(indicate the name of the bank)(herein after referred to as "the bank"), hereby undertake to pay to the Government an amount not exceeding Rs.(Rupees only) on demand by the Government within 10 days of the demand.
3. We,(indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....
(Rupees only)
4. We,(indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We,(indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and

conditions of the said agreement or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

- 6. We,(indicate the name of the Bank)..... , further agree that the Government at its option shall be entitled to enforce this guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the government may have in relation to the Contractor's liabilities.
- 7. The guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
- 8. We,(indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government inwriting.
- 9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs (Rupeesonly) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date :

Witness :

1. Signature.....
 Name and address

Authorized Signatory
 Name
 Designation
 Staff code No.
 Bank Seal

2. Signature.....
 Name and address

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.
 ** In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee / security deposit / mobilization advance, as the case may be.

<u>Preferred Make of Electrical Materials</u>		
1	FRLS/FR PVC Wire	: Polycab/Havells / R R Kabel /Lapp/Finolex
2	MCBDB/Loose Wire Box	: Legrand /L&T / C&S/Siemens / Schneider / ABB
3	MCB/RCCB	: Legrand /L&T / C&S/Siemens / Schneider / ABB
4	Modular Switch /Socket/TV Socket/Telephone Socket/Box	: Legrand (Arteor) / MK (Elements) / Schneider (Zencelo)
5	MCCB,(ICS=100% ICU)	: Legrand /L&T / C&S/Siemens / Schneider / ABB
6	GI/MS Pipe (ISI Marked)	: TATA / Jindal (Hisar)
7	PVC Conduit and accessories (ISI marked)	: Asian /Precision / AKG / BEC
8	Surface 4' x 1 x 18 – 20 watt & 4' x 2 x 20 Watt LED light fitting	: Philips / Trilux / Lighting Technology
9	Ceiling fan (BLDC)	: Crompton / Bajaj / Havells / Usha / Orient
10	Exhaust fan / Fresher Air Fan / Wall Fan	: Crompton / Almonard / Bajaj / Havells
11	Surface/Recess Down lighter	: Philips / Trilux / Lighting Technology
12	2" x 2" LED Square fitting Surface/Recess	: Philips / Trilux / Lighting Technology
13	LED Street light fittings	: Philips / Trilux / Lighting technology
14	XLPE Aluminum Cable	: Polycab/Havells / R R Kabel /Finolex / Lapp
15	Feeder pillar / Panel	: Any CPRI Approved
16	PVC Trucking	: Legrand / MK
17	DWC Pipe	: Duraline / Rex / Gemini
18	EPABX	: UNIFY / CISCO / MITEL
19	Digital Phone	: UNIFY / CISCO / MITEL
20	Analog Phones	: Beetel / Panasonic / Binatone
21	CAT 6 Cable & Accessories	: Tyco / CommScope-Systimax / Panduit- Pannet / R&M/ Legrand
22	Split type Air Conditioning Unit	: Mitsubishi/ O-General / LG /Toshiba
23	Network Switch	: HP / CISCO

Note:- Models of items of all fixtures should be got approved from the Engineer in charge well before placing any order to the OEM/its authorized dealer. The contractor/agency is required to submit all relevant test certificates documents and along with the proposal. The model along with sample should be approval by Engineer-in-charge before placing any order and supply of same to the site. The decision of Engineer-in-charge is binding in this regard and no variation is acceptable.

Note: If the make of any item to be used in execution is not in the list of approved make, the agency has to submit the makes for approval from Eng-in-charge. The decision of the Eng-in-charge in this respect shall be final and binding to the agency.

PART – C
Schedule of
Quantity
(Civil and E&M)

SCHEDULE OF QUANTITIES - PART 'C'

Item No.	Description of Item	Qty.	Unit	Rate	GST	Basic Rate	Rate incl. C.I. or escalation	Total Amount	Remarks/ Reference
1	2	3	4	5	6	7= 5 + 6	8	9= 3 × 8	10
Civil works :									
1	Supply and providing ceiling panels of 30 mm thick, having CE compliance under Class I Medical devices directive. The ceiling panels shall be constructed using 0.80 mm thick stainless steel sandwich panel with core consisting of rigid polyurethane foam, which has been injected under high pressure, with a minimum density of 40 kg/m ³ and one side of panel with 0.5 mm PPGI sheet. the panel shall be fixed with tongue and groove technology for joining two panels without any welding process for complete as directed by Engineer-in -charge	28	Sqm	6500.00	780.00	7280.00	7280.00	203840	M.R.
2	Supply and providing wall panels of 50 mm thick, having CE compliance under Class I Medical devices directive. The wall panels shall be constructed using EGP sheet of 0.80 mm thick sandwich panel with core consisting of rigid polyurethane foam, which has been injected under high pressure, with a minimum density of 40 kg/m ³ and one side of panel with 0.5 mm EGP sheet. the wall panels shall be fixed with tongue and groove technology for joining two panels without any welding process for complete as directed by Engineer-in -charge	60	sqm	6500.00	780.00	7280.00	7280.00	436800	M.R.

3	Supply and providing of Lacquered glass wall panel of glass 8 mm thick toughened with outer surface with printing of aesthetic pictures on surface. The composite panel in lacquered glass of approximate size of 1200 × 2700 backed by sub structure and the gaps between panels shall be suitably filled with silicon for complete as directed by Engineer-in -charge	10	sqm	9500.00	1140.00	10640.00	10640.00	106400	M.R.
4	Supply and providing imported antibacterial paint on the wall and ceiling panels for anti microbial protection. The paint coating shall give the biocidal action after applying on the surface to prevent the growth of mould. The painting should be tested in the leading Universities/ Labs for compliance of desired results. Make : Jotun or equivalent brand as approved for complete as directed by Engineer-in -charge	90	sqm	1650.00	198.00	1848.00	1848.00	166320	M.R.
5	Supply and providing the flooring laid with 2 mm thick, antistatic seamless conductive PVC roll, of approved brand and manufacturer, on a semi conductive adhesive base. Make : Gerflor/ Tarkett /equivalent as approved for complete as directed by Engineer-in -charge	30	sqm	3200.00	384.00	3584.00	3584.00	107520	M.R.
6	Supply and providing self levelling compound, 3 mm thick, of approved brand and manufacturer, for fixing floor sheets as directed for complete as directed by Engineer-in -charge	28	sqm	799.00	95.88	894.88	894.88	25056.64	M.R.
7	Supply and providing of flap door of size 1500 × 2100 mm, 50 mm thick, made of SS 304, puff as infill with all accessories such as ball bearing, door closures, handles, push plates, double glazed view glass of size 300 × 300 mm, provision of drop down seal and door frame made of aluminium power coated. make :	1	No	165000.00	19800.00	184800.00	184800.00	184800	M.R.

	metaflex or equivalent as approved for complete as directed by Engineer-in -charge								
8	Supply and providing of corner coving with aluminium power coated covering from floor to ceiling, wall to wall for complete as directed for complete as directed by Engineer-in -charge	34	metre	300.00	36.00	336.00	336.00	11424	M.R.
9	Providing and filling of all joints and cavities with metallic epoxy body filler and sander flush to provide a joint less finish and sprayed with a water based Pimer as approved and directed for complete as directed by Engineer-in -charge	90	Sqm	650.00	78.00	728.00	728.00	65520	M.R.
10	Taking down of washbasin from position including disconnection of water line and making it dummy, bottle traps and handing over all serviceable items to stores as directed for complete as directed by Engineer-in -charge	1	WJ	265.20	-	265.20	265.20	265.2	MES SSR 18269
11	Supply and providing solar control film reflective type stacked to glass panes as per instructions of manufacturers as approved for complete as directed by Engineer-in -charge	1.5	Sqm	701.99	-	701.99	701.99	1052.985	MES SSR 16015
12	Taking down of wooden door with aluminium frame from the wall and handing over it to stores as directed for complete as directed by Engineer-in -charge	1	WJ	706.18	-	706.18	706.18	706.18	MES SSR 08072
13	Taking down of ceiling boards (fibre, pulp, insulation, silicate etc.) or insulation boards/slabs/ blankets, any thickness from ceiling and staking them in good condition at store for reuse for complete as directed by Engineer in Charge.	50	sqm	41.60	-	41.60	41.60	2080	MES SSR 2020- 21042
14	Fixing of ceiling boards (fibre, pulp, insulation, silicate etc.) or insulation boards/slabs/ blankets, any thickness in position on metal gird of ceiling for complete as directed by Engineer in Charge.	21	Sqm	107.30	-	107.30	107.30	2253.3	MES SSR 2020- 21043

	Note: The rate for items of no. 10 to 14, which are not available in CPWD DSR were taken from MES SSR 2020								
				Total Cost of Civil Works				13,14,038	
HVAC Works									
15	Dismantling of existing HVAC ducting above false ceiling of 3.0mtrs height	30	sq.m.	250.00	30.00	280.00	280.00	8400.00	Market Rate
16	Internal ducting made of Aluminium sheet 22 gauge complete with flanges and accessories such as GI Suspenders and GI Supports. Aluminium foil Nitrile Rubber insulation	130	sq.m.	1372.32	164.68	1537.00	1767.55	229781.26	HSCC Rate in phase-I project with escalation
17	Supplying, fixing, testing & commissioning of return air diffusers of powder coated aluminium without volume control dampers with anti smudge ring & removable core	2	sq.m.	7559.00		7559.00	7943.00	15886.00	DSR 2018-16.18
18	Supplying, fixing, testing & commissioning of 14 minipleat HEPA filters 2x2 feet with supply air diffusers of powder coated aluminium with aluminium volume control dampers with anti smudge ring & removable core	4	Each	48000.00	5760.00	53760.00	53760.00	215040.00	Market Rate
19	Installation of 1.5/2.0 TR Split Air Conditioner along with supply and fixing of copper pipe (15 running meters) and other accessories	1	Each	13500.00	1620.00	15120.00	15120.00	15120.00	Market rate
						Total HVAC works (Rs.)		4,84,227.26	
Electrical Works									
20	Peripheral light cum clean room luminaries -LED 2'x2' as per IP 65 fitted in the frame along with all accessories	8	Each	9375.00	1125.00	10500.00	10500.00	84000.00	HSCC Rate in OPD Minor OT

21	<p>SITC of Imported Single Dome OT Light: Single Dome OT Light 160000 (Ceiling mounted/Portable type) Single Dome OT Light 160000 ceiling mounted/stand mounted with base tube, first fix assembly variable colour temperature. It should be Single dome arid Power LED with reflector technology for reflection free. It should allows Illumination to have double the efficiency compared to conventional Light sources. It should be cool light without infrared radiation. It should be infrared-free light at the head area for fatigue-free operating and prevents tissue from drying out in the OT field. Operating Room Surgical Lighting System should provide an ideal combination of brightness, manoeuvrability, and shadow resolution without sacrificing colour accuracy through a consistent LED technology. It should have warm-white and cold-white LEDs. It should have variable color temperature. It should have light filed (d10) at illuminance at a distance of 1 mtr from 150mm-280mm. It should have Light filed diameter: 150-280 mm. It should have Depth of illumination: 1000 mm. It should have central illumination at 1 meter distance 160.000 Lux. (Illumination data in accordance with DIN EN 60601-2-41.) It should have Infrared thermal radiation at 100.000 lux : 325W/m2. It should have settable dimmability between 20.000 to 160.000 lux. It should have Lamp service life > 50.000 hours. It should have wipe disinfection resistance. IP protection of light head IP 42. It should have dimensions of light head: 586 mm x 597 mm. It should have natural colour rendering via white light (Ra of approx.. 96 over all dimming levels and the same in the R9 red range). Number of Light heads : one no. Variable Adjustable Colour Temperature range :Adjustable from 3500 bis 5000 K. Depth of Field : 750 to 1100mm. Illumination Level : 160000Lux . Controls : Control Panel (wall,</p>	1	Each	595000.00	71400.00	666400.00	666400.00	666400.00	Market Rate
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	Remote and on dome). Rotation : 360 degrees. 1 nos. Sterilizable Handle. Light head area : 5000 square cm. It should be Ceiling Mounting Type/portable on stand. Supply Voltage : 230 VAC 50 Hz. Dimming Range : 20% - 100%. Operating/Storage Humidity : 10 — 95%. It should have endoscopic lighting 5-10%. It should have IP Protection Class 42. Life of Light Source :>50,000 Hrs. Cra & Ra both should be > 95%. Surgical Light System should be compliant with relevant European CE. It should have power consumption watt 35-40. It should have a mode for endoscopic illumination. It should sensor technology allows light field and light intensity adjustment on sterile handle. It should have Temperature at light head surface <27.5C. It should have power consumption of 35 W WNexor Medical-Germany/Amico-Canada (Imported)								
22	Supply and fixing of Antibacterial switch and socket (minimum 16A) along with GI box along with modular base & cover plate and other accessories on the wall/ wall panel at 325mm height from FFL	12	Each	2100.00	252.00	2352.00	2352.00	28224.00	HSCC Rate in OPD Minor OT
23	Supply and fixing of Antibacterial switch along with GI box along with modular base & cover plate and other accessories on the wall/wall panel for LED luminaries inside OT	3	Each	525.00	63.00	588.00	588.00	1764.00	Market Rate
24	X-Ray Film Viewer Twin plate X-Ray viewing 950x650x100mm designed to provide a high level of control luminance without flicker to be flushed on the wall	1	Each	22321.43	2678.57	25000.00	25000.00	25000.00	HSCC Rate in OPD Minor OT
25	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 .								
a.	8 way (4 + 24), Double door	1	Each	7744.00		7744.00	8138.00	8138.00	DSR 2018 - 2.5.2
26	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required								
a.	40A	1	Each	832.00		832.00	874.00	874.00	DSR 2018- 2.13.1
27	Supplying and fixing 5A to 32A, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of Single pole in the existing MCB DB complete with connections, testing and commissioning etc. as required								
a.	Single Pole	18	Each	199.00		199.00	209.00	3762.00	DSR 2018- 2.10.1
28	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required	18	Each	8.00		8.00	8.00	144.00	DSR 2018-2.11
29	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing steel conduit as required								
a.	6x4sq.mm.	20	mtrs.	221.00		221.00	232.00	4640.00	DSR 2018- 1.17.24
b.	3x2.5 sq.mm.	200	mtrs.	75.00		75.00	79.00	15800.00	DSR 2018- 1.17.12
c.	3x4 sq.mm.	140	mtrs.	117.00		117.00	123.00	17220.00	DSR 2018- 1.17.21

30	Supply of Fire Survival armoured cables of 600/1000V rated with Aluminium circular conductor having glass mica fire barrier tape covered by an extruded layer of High module Ethylene Propylene Rubber (HEPR) insulation and LSZH inner & outer sheath. Generally as per BS 7846, IEC-60502-1 & BS-8519 (latest edition). Should retain circuit integrity as per BS 8491:2008 (120 mins) for cables having overall dia of 20mm and above. Cables with overall dia below 20 mm should retain circuit integrity as per BS 8434-2.								
a.	4C X 25 sq. mm	65	mtrs.	621.00	74.52	695.52	695.52	45208.80	HSCC Rate in phase-II project
31	Laying, Fixing, Testing & Commissioning of Fire Resistant cables on existing cable trays/ in existing hume pipes/ PVC pipes/ GI pipes/ on surface of slabs, walls or masonry/ RCC trenches/ ducts including cables ties, GI saddles, clamps and necessary hard ware.								
a.	4C X 25 sq. mm	65	mtrs.	45.00	5.40	50.40	50.40	3276.00	HSCC Rate in phase-II project
32	Cable end Termination of Fire SURVIVAL Cables including cost of Aluminium, heavy duty crimping lugs, double compression glands, insulation tape and all necessary material to complete the termination. Termination shall be fire safe,								
a.	4C X 25 sq. mm	2	Each	655.00	78.60	733.60	733.60	1467.20	HSCC Rate in phase-II project
33	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or								

	cutting the wall and making good the same in case of recessed conduit as required								
a.	25mm	100	mtrs	165.00		165.00	173.00	338.00	DSR 2018- 1.20.2
b.	32mm	20	mtrs	203.00		203.00	213.00	416.00	DSR 2018- 1.20.3
Total Electrical works (Rs.)								9,06,672.00	
Other Works									
34	Dummying of existing water sprinklers with suitable material.	4	Each	180.00	21.60	201.60	201.60	403.20	Market Rate
Total other works (Rs.)								403.20	
Cost Index considered for E&M materials=						124-118/118=	0.050847458		

Civil work	13,14,038
Electrical work :	9,06,672.00
HVAC work :	4,84,227.26
Other work :	403.20
Total of cost of works Rs.	<u>2705340.77</u>

Total Estimated Cost in (Rs) 27,05,341.00