



**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE OF THE ASSISTANT ENGINEER (E),
TIRUPATI PROJECT ELECTRICAL SUB DIVISION-I
CPWD, Tirupati – 517619**

NOTICE INVITING "e- TENDER"

NIT No. 01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/ 2026-27

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

Estimated Cost Put to Tender: Rs. 5,83,644/-

INDEX

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

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Certified that this NIT Comprising Page No. 1 to 46.

Assistant Engineer (E),
TPESD-I, CPWD, Tirupati.

CENTRAL PUBLIC WORKS DEPARTMENT

NOTICE INVITING e-TENDERS

The Assistant Engineer (E), TPESD-I, C.P.W.D., Tirupati, (email id: akhilesh.manchikanti@gov.in) on behalf of President of India invites online Percentage rate tenders in single bid system from approved & eligible contractors of CPWD of appropriate class under Composite Category for execution of the following work:

NIT No. 01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/2026-27; Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

ECPT	:	Rs. 5,83,644/-
EMD	:	Rs. 11,673/-
Period of Completion	:	2 Months
Last date and time of submission of bid	:	up to 15:00 Hrs. on 15.07.2026
Date of opening of bid	:	at 15:30 Hours on 15.07.2026

The Tender forms and other details can be obtained from the web site www.etender.cpwd.gov.in

Assistant Engineer(E),
TPESD-I, CPWD, Tirupati.

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Assistant Engineer (E), TPESD-I, C.P.W.D., Tirupati. (email id: Akhilesh.manchikanti@gov.in) on behalf of President of India invites online Percentage rate tenders in single bid system from approved & eligible contractors of CPWD of appropriate class under Composite Category for execution of the following work:

Sl. No.	Description	Details
1	NIT No.	01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/2026-27
2	Name of work & Location	Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh. Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.
3	Estimated cost put to tender	Rs. 5,83,644/-
4	Earnest Money Deposit (EMD)	Rs. 11,673/-.
5	Period of completion	2 Months
6	Last date & time of submission of bid, EMD, e-tender processing fee and other Documents	up to 15:00 Hours on 15.07.2026
7	Time & date of opening of Price bid	at 15:30 Hours on 15.07.2026

INSTRUCTIONS:

1. The work should be carried out by an agency having valid Electrical license of appropriate voltage issued by Andhra Pradesh State Government under Clause 45 of compilation of rule of I.E. Rules 1956 or as amended from time to time.
2. The firms/ contractors who fulfill the following requirements shall be eligible to participate in the tender. Joint Ventures are not accepted.
3. 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.
4. Information and Instructions for bidders posted on the website shall form part of bid document.
5. The bid document consisting of specifications and the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.etender.cpwd.gov.in or <https://cpwd.gov.in> free of cost.
6. Bidders are advised to keep visiting the above-mentioned websites from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.
7. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Bankers Cheque or Deposit at Call Receipt or Fixed Deposit Receipt drawn in favor of **Executive Engineer & Senior Manager (C), TPD-I, C.P.W.D., Tirupati**, shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited either in the office of Assistant Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder up to the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such a case, minimum 50% of earnest money or Rs. 20 lakhs, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled Bank having validity for six months or more from

the last date of receipt of bids which is to be scanned and uploaded by the intending bidders

8. Copy of Enlistment Order / Certificate of work experience / 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.
9. Online bid documents submitted by intending bidders shall be opened ~~only of those~~ bidders, whose EMD deposited with any division office of CPWD, and other documents scanned and uploaded are found in order.
10. The intending bidder must have a valid class-III digital signature to submit the bid.
11. On the opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets.
12. Contractors can upload documents in the form of JPG format and PDF format.
13. Contractor must ensure to quote the percentage above/below /at par. Therefore, if the cell percentage is left blank, the amount shall be computed as “0” (ZERO). Bidder has to take care of this point. The rates quoted by the tenderer shall be firm and inclusive of all the prevailing taxes and GST etc.
14. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
15. If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering/taking up of works in CPWD. The department reserves the right to verify the particulars furnished by the applicant independently.
16. The prospective bidder shall use all information relating to the Tender, which is obtained, whether in writing, pictorially form in connection with the Tender and other commercial information of a confidential nature exclusively for the purpose of Tender and not for any other purposes.
17. The bid submitted shall become invalid if.
 - i. The bidder is found ineligible.
 - ii. The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD (The EMD Document shall only be issued from the place in which the office of receiving division office is situated).

- iii. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document including the copy of receipt for deposition of originated.
- iv. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.

List of Documents to be filled in by the tenderers in various forms and to be scanned and uploaded in JPG/PDF format within the period of bid submission:

1. Treasury Challan /Demand Draft/Pay order or Banker`s Cheque /Deposit at Call Receipt/FDR / Bank Guarantee of any Scheduled Bank against EMD.
2. Receipt of submission of physical EMD as per the instruction.
3. Enlistment Order of the Contractor.
4. ERP Training Certificate.
5. GST registration certificate of Andhra Pradesh State.
6. Electrical license from Andhra Pradesh state government department.
7. Declaration about site inspection Form –‘G’

Assistant Engineer (E),
TPESD-I, CPWD, Tirupati.

CPWD 6 for e-Tender

The Assistant Engineer(E), TPESD-I, C.P.W.D., Tirupati (email id: Akhilesh.manchikanti@gov.in) on behalf of President of India invites **online Percentage rate tenders** in single bid system from approved & eligible contractors of CPWD of appropriate class under Composite Category for execution of the following work:

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

1. The work is estimated to cost **Rs. 5,83,644/-**. This estimate however is given merely as a rough guide.
2. Agreement shall be drawn up with the successful bidders on prescribed Form No. CPWD7/8 (or other Standard Form as mentioned) which is available as a Govt. Of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be 30 Days from the date of start as defined in schedule "F" or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting of ~~plans~~, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents, except Standard General Conditions of Contract Form, can be seen from website www.etender.cpwd.gov.in or <https://cpwd.gov.in> free of cost.
6. After submission of the bid the contractor can re-submit a revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, the contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Bankers Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favor of **Executive Engineer & Senior Manager (C), TPD-I, CPWD, Tirupati**) shall be scanned and uploaded to the e-tendering website within the period of bid submission. The original EMD should be deposited either in the office of Assistant Engineer inviting bids or division office of any

Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

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

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

Copy of Enlistment Order / Certificate of work experience / 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.

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose EMD deposited with any division office of CPWD, and other documents scanned and uploaded are found in order.

9. The bid submitted shall be opened at **15:30 PM on 15.07.2026**.
10. The bid submitted shall become invalid if.
 - a. The bidder is found ineligible.
 - b. The bidder does not deposit original EMD with division office of any Executive Engineer, CPWD.
 - c. EMD made/ issued from the account other than that of the bidder/ tenderer submitting the bid.
 - d. The bidder does not upload all the documents (including GST registration) as stipulated in the bid document including the undertaking of EMD.
 - e. If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest tenderer in the office of tender opening authority.
11. The Contractor, whose bid is accepted, will be required to furnish a performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule,, "F". This guarantee shall be in the form of cash (in case guarantee amount is less than Rs.10000/-) or Deposit at Call receipt of any scheduled bank/ Banker's Cheque of any scheduled bank/ Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled

bank (incase guarantee amount is less than Rs.1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule - F" including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with the bid shall be returned after receiving the a fore said performance guarantee.

The contractor whose bid is accepted will also be required to furnish either copy of applicable license/ registrations or proof of applying for obtaining labor licenses,

12. Registration with EPFO, ESIC and BOCW Welfare Board and Programmed Chart (Time and Progress) within the period specified in Schedule F.
13. The description of the work is as follows:

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub- soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

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 to be

rejected.

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 quote.
17. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture /Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
18. No Engineer of Gazette rank or other Gazette 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.
19. The bid for the works shall remain open for acceptance for a period of 30 Days from the date of opening of bid.

Further

- i. If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within the validity period of tender or
- ii. If after the award of work, the tenderer fails to sign the contract or to submit the Performance Guarantee before the deadline defined in the tender documents

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

20. This notice inviting bid shall form a part of the contract document. The successful bidder/contractors, on acceptance of his bid by the Accepting Authority shall within 07 Months from the stipulated date of start of the work, sign the contract consisting of:
 - i. The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the Bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

- ii. Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

Assistant Engineer (E),
TPESD-I, CPWD, Tirupati.

CPWD- 7
GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

Percentage Rate Tender & Contract for Works

(A) Tender for the work of: -

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

To be submitted online up to 15:00 hours on 15.07.2026 on website www.etender.cpwd.gov.in

To be opened online in the presence of tenderers who may be present at 15:30 hours on 15.07.2026. in the office of the Assistant Engineer (E), TPESD-I, CPWD, Tirupati

TENDER

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

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

I/We agree to keep the bid open for **30 Days** from the date of opening of bid and not to make any modifications in its terms and conditions.

A sum of **Rs. 11,673/-** is here by forwarded in Receipt Treasury Challan/Deposit at call Receipt of a Scheduled Bank/fixed deposit receipt of schedule bank/demand draft of a Scheduled bank/ Bank Guarantee issued by a schedule bank, as earnest money.

If I/we fail to furnish the prescribed performance guarantee within the 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 his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in schedule "F" and 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 both earnest money & Performance Guarantee as aforesaid, I/we shall be debarred for participation in the re-tendering process of then 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 the Department, then I/We shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

Dated..... Signature of Contractor

Postal Address #

Witness: # Address: # Occupation: #

ACCEPTANCE

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

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

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

Dated:

For & on behalf of the President of India.

Signature

Dated*..... Designation.....

SCHEDULES FOR WORKS

SCHEDULE -A

Schedule of quantities for the Work: **As provided in this bid document**

SCHEDULE 'D'

Extra schedule for specific requirements/documents for the work, if any: Nil

SCHEDULE - E

Reference to General Conditions of contract: General Conditions of Contract - 2023 (**Construction works**) as amended / modified up to the last date of submission of Tenders.

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

(i)	Estimated cost of work	Rs. 5,83,644/-
(ii)	Earnest money	Rs. 11,673/-
(iii)	Performance guarantee	5% of ECPT or Bid amount (whichever is higher) + Additional Performance Guarantee* *APG is applicable on abnormally low bid as per Office Order. DG/Manual-2024/20 Dated: 27.02.2026
(iv)	Security Deposit	2.5% of tendered amount

SCHEDULE-F

General Rules & Directions: General Conditions of Contract 2023 Construction Works with up-to-date amendments (As on Date of opening of price bid) shall be read with NIT.

Officer inviting tender: Assistant Engineer (E), TPESD-I, CPWD Tirupati.

Definitions:

2(v)	Engineer-in-Charge	Assistant Engineer (E), TPESD-I, CPWD Tirupati.
2(viii)	Accepting Authority	Assistant Engineer (E), TPESD-I, CPWD Tirupati.

- 2(x) Percentage on cost of materials and labor to cover all overheads and profits **15%**
- 2(xi) Standard schedule of Rates: **DSR 2025 (E& M) and Market rates**
- 2(xii) Department: **Central Public Works Department**
- 9(ii) Standard CPWD contract form: **CPWD form 7/8 as modified and corrected up to last date of receipt of bid**

Clause 1

(i) Time allowed for submission of Performance Guarantee Programmed Chart (Time and Progress) and applicable labor licenses, registration with EPFO, ESIC and BOCW Welfare Board including provident fund code No if applicable or Proof of applying thereof from the date of issue of letter of acceptance	7 days
(ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in	
(i) above	3 days

Clause 2

Authority for fixing compensation under clause2	Executive Engineer & SM (E), Tirupati Project –I, CPWD, Tirupati
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Clause 2A

Whether Applicable clause 2/ Clause 2A	No
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Clause 5

Number of from the date of issue of letter of acceptance for reckoning date of start	7 days
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Table of Milestones:

S. No	Description of Milestone (Physical)	Time allowed in days (from the date of start)	Amount to be withheld in case of non-achievement of milestone. (% of tendered amount of respective Electrical component)
..... NOT APPLICABLE			

Authority to decide:

(i)	Authority to convey the decision of shifting of milestones and Extension of time	Assistant Engineer (E), TPESD-I, CPWD, Tirupati or his successor thereof.
(ii)	Authority to decide rescheduling of mile stones and Extension of time	Chief Engineer cum ED, TPZ, CPWD, Tirupati or his successor thereof
(iii)	Shifting of date of start in case of delay in handing over of site	Chief Engineer cum ED, TPZ, CPWD, Tirupati or his successor thereof

Clause 6

Mode of Measurement	Computerized Measurement book
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Clause 7

Gross work to be done together with net payment/. Adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment	Rs. 5 lakhs
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Clause10B (ii) : Whether Clause10B (ii) shall be applicable - **No**

Clause 10C : Whether clause 10C shall be applicable - **No**

Materials covered under this clause	Nearest Materials (other than cement, reinforcement bars and structural steel) for which All India Wholesale Price Index to be Followed	Base Price of all the materials covered under clause 10CA*
-----Not applicable-----		

Clause10CC : Whether clause 10CC shall be applicable - **No**

Clause 11:

Specification to be followed for execution of work	CPWD General Specifications for Electrical Works Part-I (Internal) 2023, Part –II (External) 2023 as amended up-to date
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Clause12:

Type of work

Construction

Deviation limit beyond which clause 12.2 & 12.3 shall apply **100%** for the work.

Clause 16

Competent Authority for deciding reduced rates.	Executive Engineer & SM(E), Tirupati Project-I CPWD, Tirupati.
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Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:
As required for timely execution of work.

Clause 25: Constitution of Dispute Redress Committee (DRC) As per clause 25 GCC 2023.

CHIEF ENGINEER cum Executive Director, TPZ, CPWD, Tirupati.

FOR TOTAL CLAIMS UPTO 25LAKHS

Dispute Redressed Committee			
Chairman	Member	Member	Presenting Officer
Director (Works) SR1, CPWD, Chennai	Executive Engineer (P) of ADG	Executive Engineer (P) / Executive Engineer (HQ) of SDG(SR), CPWD, Chennai	Executive Engineer & SM(E), in charge of the work

FOR TOTAL CLAIMS MORE THAN 25LAKHS

Dispute Redressal Committee			
Chairman	Member	Member	Presenting Officer
-NA-			

Clause 32:

Requirement of Technical Representative(s) and Recovery Rate

S.No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical Representative)	Minimum /Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1	Graduate Engineer Or Diploma Engineer	E&M	Project / Site Engineer	2 or 5 respectively	1	Rs. 15,000/-	Rupees Fifteen Thousand

NOTE:

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

Diploma Holder with minimum 10 years relevant experience with a reputed construction company can be treated at par with graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50 % of requirement of degree Engineers.

Clause 38

Schedule/Statement for determining theoretical quantity of cement and bitumen on the basis of Delhi schedule of Rate 2022 printed : -NA-

Variations permissible on theoretical quantities

Cement for works with estimated cost put to : -NA-

Bitumen for all works : -NA-

Steel Reinforcement and structural steel : -NA-

All other material : -NA-

DECLARATION ABOUT SITE INSPECTION

To,
The Assistant Engineer (E),
TPESD – I, CPWD, Tirupati

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

Dear Sir,

It is hereby declared that as per CPWD-6 FOR e-BIDDING, I/ We the bidder inspected and examined the subject site and its surrounding and satisfied myself / ourselves as to the nature of the ground and sub-soil (so far as is practicable), the forms and nature of the site before submitting the bid, the accommodation which may require and all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid have been obtained. I/We the bidder shall have full knowledge of the site and no extra charge consequent upon any misunderstanding or otherwise shall be claimed in later date.

I /We bidder shall be responsible for arranging and maintaining at 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 me/us implies that I / We have read this notice and all other contract documents and has made myself /ourselves aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

Yours faithfully

(Duly authorized signatory of the bidder)

INTEGRITY PACT

To,

.....,
.....,
.....

Sub: 01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/ 2026-27

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

Dear Sir,

It is hereby declared that CPWD is committed to following the principle of transparency, equity and competitiveness in public procurement.

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

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

Yours faithfully

Assistant Engineer (E),
TPESD-I, CPWD, Tirupati

INTEGRITY PACT

To,
Assistant Engineer (E),
Tirupati Project Electrical Sub Division-I,
CPWD, Tirupati.

Name of work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

Dear Sir,

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

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

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

INTEGRITY AGREEMENT

This Integrity Agreement is made at.....on this.....day of.....2025

BETWEEN

President of India represented through **Assistant Engineer (E), TPESD-I, CPWD, Tirupati,**
(Name of Division) CPWD, Tirupati (Here in after referred as the
(Address of Division)

“Principal/Owner”, which expression shall unless repugnant to the meaning or context thereof include its success or sand permitted assigns)

AND

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

through (Here in after referred
toas

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.01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/ 2026-27**) (hereinafter referred to as “Tender/ Bid”) and intends to award, under laid down organizational procedure, contract for

(Name of work)

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

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 relationship with its Bidder(s) and Contractor(s).

AND WHERE AS 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 here by agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to Prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/ her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in, 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 processor the Contract execution.

(c) The Principal/Owner shall endeavor to exclude from the Tender process any person whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/ Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles here in 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 high esthetical standards, and report to the Government/ Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

a) The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/ Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind

whatsoever during the Tender process or during the execution of the Contract.

b) The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non- submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process. Competitiveness or to cartelize in the bidding process.

c) The Bidder(s)/ Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/ Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal Owner as part of the business relationship, regarding plans, technical proposals, and business details, including information contained or transmitted electronically.

d) The Bidder(s)/ Contractor(s) of foreign origin shall disclose the names and addresses of agents/ representatives in India, if any. Similarly, Bidder(s)/ Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/ representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participates in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/ parallel tender for the same item.

e) The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) 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.

5) 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 be fall 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 Contractor 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 Contractor terminated/ determined the Contractor 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 an 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 sub-contractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub contractors/sub-vendors.
- 2) The Principal/Owner will enter 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 06 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, CPWD.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and Jurisdiction is the Headquarters 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 the 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 in valid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.
- 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 PRIOR RIGHTS

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

Assistant Engineer (E),
TPESD-I, CPWD, Tirupati

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor (Name of contractor)
(Hereinafter
called “the Contractor”) has submitted his tender dated (Date) for the
work “ (Name of Work) (Here in after
called “
the Tender”).

KNOW ALL PEOPLE by these presents that we
(Name of bank) having our registered office.
at... (Herein after called “the Bank”)
are.
bound to

.....
.....
. (Name and division of Assistant Engineer) (Here in after called “the Engineer-in- charge”)for
the sum of Rs..... (Rs. In words.....
.....) only for which payment, well and truly, to be made to the said Engineer- in-
Charge, the Bank binds itself, his successors and assigns by these Presents. SEALED with the
Common Seal of the said Bank this day of.....20..... THECONDITIONS of this
obligation are:

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

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

The Guarantee will remain in force up to and including the date*
after

The deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may extended by the Engineer-in-Charge, notice of which extension(s) to

the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE.....

SIGNATURE OF THE BANK

WITNESS.....

SEAL

(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 7 months from last date or receipt of tender.

FORMAT OF RECEIPT OF DEPOSITION OF ORIGINAL EMD
RECEIPT OF DEPOSITION OF ORIGINAL EMD

(RECEIPT NO..... /DATE.....)

1. Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.
Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.
2. NIT No. **01/AE(E)/TPESD-I/18/EE&SM(E)/TP-1/ 2026-27**
3. ESTIMATED COST: **Rs. 5,83,644/-**
4. AMOUNT OF EARNEST MONEY DEPOSIT: **Rs. 11,673 /-**
5. LAST DATE OF SUBMISSION OF BID – up to 15:00 Hours on **15.07.2026.**

1. NAME OF CONTRACTOR..... #
2. FORM OF EMD #
3. AMOUNT OF EARNEST MONEY DEPOSIT#
4. DATE OF SUBMISSION OF EMD #

Signature, Name and Designation of EMD
Receiving Officer (EE/DDH/AAO)
Along with Office Stamp

(# To be filled by EMD receiving Officer)

FORM OF PERFORMANCE SECURITY (GUARANTEE) BANK GUARANTEE BOND

In consideration of the President of India (herein after called “the Government”) having offered to accept the terms and conditions of the proposed agreement between.....and..... (Herein after called “the said contractor(s)” for the work..... (Herein after called “the said agreement”) having agreed to production of an irrevocable Bank Guarantee for Rs..... Rupees only) as a security/ guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We..... (*Indicate the name of Bank*) (Hereinafter

referred to as “Bank”) hereby undertake to pay to the Government an amount not exceeding Rs..... (Rupees.....) only, on demand by the Government.

2. We (indicate the name of Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rs) only.

3. We, the said bank, further undertake to pay the Government any money so demands not withstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We..... (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its claim satisfied or discharged or till Engineer-in- Charge on behalf of the Government certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said contractor(s) accordingly discharges this guarantee.

5. We.....(indicate the name of Bank) further agree with the Government that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor(s) and to forebear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation,

or extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).

7. We (Indicate the name of bank) lastly undertake not to revoke this guarantee except with the previous consent of the Government in writing.

8. This guarantee shall be valid up to..... unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs.....(Rupees) only.

and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Dated, the.....Day of.....For (Indicate the name of the Bank)

Note: -Performance guarantee shall be valid up to six months after the time period allowed for the work.

ADDITIONAL CONDITIONS AND SPECIFICATIONS

1. The work shall be carried out strictly in accordance with the CPWD General Specification for Electrical works, Part-I Internal 2023 and Part II External 2023 as amended up to date. All installations shall also comply with the requirements of Indian Electricity Rules 1956, as amended up to date. In case of items not covered by the above specifications the work shall be carried out as per the instructions of the Engineer –in- Charge.
2. The work shall be carried out at IISER Tirupati permanent Campus, Venkatagiri Road, Yerpedu, Tirupati.
3. Completion certificate shall be submitted as required under CPWD specification.
4. The contractor shall have to obtain prior approval from the Engineer-in –charge before placing the order for any specific materials. The Engineer –in –Charge may approve any of the makes /Brands out of the preferred list. All the materials to be used in the work shall be got approved by the Engineer –in- charge prior to their actual in the work.
5. Bad workmanship is liable to be rejected in toto.
6. All repairs and patchwork shall be neatly carried out to match the original finish by the contractor to the entire satisfaction of the Engineer-in-charge.
7. All repairs and patchwork shall be neatly carried out to match the original finish by the contractor to the entire satisfaction of the Engineer-in-charge.
8. All the debris due to the electrical work shall be cleared every now and then and the site shall be always kept clean by the contractor.
9. The contractor or his authorized representative will have to sign the site order book and comply with the remarks therein every now and then.
10. The contractor must make his own arrangements for the watch and ward of the materials and other installations till the installation / work is completely handed over to the department. No extra claim will be entertained on account of this. Any damage to the materials during or under storage will be to the contractor’s account.
11. The material used shall be approved by the Engineer –in –charge.
12. To comply with and adopt a safe maintenance practice, cutting of connecting wires and making external joints shall not be done.
13. The material to be used in the work shall be procured only from authorized source / dealers /distributors and documentary evidence to this effect shall be submitted as and when desired to the Engineer –in-Charge or his representative failing which the Engineer –in –charge reserves the right to reject the materials in toto.

14. All dismantled items shall be returned to the department.
15. The quantities given in the schedule of work for all the items are tentative. The work shall be carried out as per actual requirement as approved by the Engineer –in – Charge.
16. The price quoted shall be firm and inclusive of all taxes i/c GST, duties, levies, labor welfare Cess. GST and Labor welfare Cess will be deducted at source from the contractor's bills.
17. Preferred makes of Material to be used on this work shall be as per list given. The tenderer should clearly specify which Make & Model offered by them for all items, before bringing the materials to the site. If the same are not specified, the decision of the Department regarding makes & models shall be final & binding on the tenderer.
18. The quantities given in the schedule of work for all the items are tentative. The work shall be carried out as per actual requirements as approved by the Engineer – in – Charge.
19. No T&P / special T&P will be issued by the department, and the contractor must arrange these at his own cost. Nothing shall be paid extra on this account.
20. Work should be completed within 2 Months.
21. No quantity deviation is permitted without written approval of the competent authority. Permissible deviation shall be sanctioned by the competent authority as per the agreement. Deviation beyond permissible limits shall be sanctioned by the competent authority as per the prevailing Local Market Rates only and the decisions of the department is final and binding on the contractor.
22. A list of preferred makes for electrical works is enclosed.

/Contractor/

Assistant Engineer (E)

LIST OF APPROVED MAKES

Sl. No.	Product	Makes
1	1.1 KV grade aluminium conductor, XLPE insulated armoured UG Cables	<ul style="list-style-type: none"> ● Havells ● KEI ● Gloster ● Finolex ● Universal
2	Cable glands	<ul style="list-style-type: none"> ● Dowells ● Comet ● Jainson
3	GI Pipes (ISI marked)	<ul style="list-style-type: none"> ● TATA ● JINDAL (HISSAR) ● ZENITH ● Surya
4	DWC- HDPE underground pipes for Cables	<ul style="list-style-type: none"> ● Sudhakar ● Supreme ● Prince ● Duraline ● Crown ● Astral
5	Digital Timer	<ul style="list-style-type: none"> ● Legrand ● L&T ● ABB ● Schneider ● Siemens
6	Power Contractor	<ul style="list-style-type: none"> ● Legrand ● L&T ● ABB ● Schneider ● Siemens
7	MCB	<ul style="list-style-type: none"> ● Legrand ● L&T ● ABB ● Schneider ● Siemens
5	All other items not covered above	As per approval of the Engineer- In - charge

Note: The Make and Model of the LED fittings shall be got approved from the Engineer-in-charge before use on work. The decision of the Engineer-in-charge regarding the model and make shall be final and binding based on the prevailing models at the time of execution.

The guarantee for LED fittings is to be got submitted from the manufacturer also in addition to the

guarantee from the contractor. The manufacturer should give undertaking that in case of discontinuation of model and non-availability of spares, they will replace the fittings with equivalent/ high end model in case of manufacturing defect during the warranty period of 5 years in Annexure – X. This undertaking shall be submitted at the time of supply of LED fittings by the contractor.

(ii) Before completion of work, the agency has to submit security Deposit of 4% of the price quoted by him for SITC of LED fittings for the remaining 5 years warranty period in acceptable form i.e., FDR / Bank guarantee as P.G. If the firm fails to submit P.G., additional Security Deposit at the rate of @4% shall be deducted from the total work and will be refunded after completion 5 years guarantee period.

/Contractor/

Assistant Engineer (E)

GENERAL CONDITIONS

1. General
 - a. The Department shall not issue any T & P and nothing extra shall be paid on account of this.
2. Guarantee & Defect Liability Period:

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

Sl. No.	Description of item	Guarantee period (Year)
1	All items other than LED Fittings	1
2	LED fittings	5

3. The tenderer shall guarantee among other things, the following vis-à-vis specifications.
 - a. Quality, strength and performance of the materials used.
 - b. Satisfactory operation during the maintenance period.
 - c. Change over switches are to be guaranteed for 1(one) Year.
 - d. LED fittings, as a whole including driver are guaranteed for 5 years. All the LED fittings are to be suitably engraved/ stickered inside with for date of handing over.
 - e. The guaranty for LED fittings is to be got submitted from the manufacturer also in addition to the guarantee from the contractor.
4. The manufacturer should give undertaking that in case of discontinuation of model and non-availability of spares, they will replace the fittings with equivalent/ high end model in case of manufacturing defect during the warranty period of 5 years in Annexure – X.
5. Approval of the Engineer-in-charge shall be taken well in advance for all the materials to be supplied and used in all the works by the contractor.
6. The contractor has to make his own arrangements for stores and watch and ward and no extra claim for this will be entertained.
7. The copper wire to be used on this work shall be FRLS type and ISI marked.
8. The Contractor shall furnish documentary proof like delivery challans of purchasing, Wires, LED Fittings, Changeover switches, accessories and other items from the manufacturers or their authorized dealers to the satisfaction of the Engineer-in-charge.
9. The main contractor and / or his Associated electrical Contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-charge and will

comply with the remarks therein.

10. The main contractor shall be responsible for coordinating the activities of all works and will ensure progress of works as per laid down program.
11. The contractor shall make his own arrangement at his own cost for electrical / General Tools and plants required for the work.
12. The connections, inter-connections, earthing and loop earthing shall be done by the contractor her ever required to be done for energization of the installation and nothing extra shall be paid on this account.
13. The contractor must be able to work on concrete slabs / walls as and when required and in complete coordination with the civil works. Cutting of chases in the plastered wall shall in no case be allowed. The contractor shall fix conduits and boxes in the walls soon after the brick work is completed and finish the chase to rough surface with proper cement sand mixture. Only in exceptional cases e.g. where cutting of plastered surface cannot be avoided it will be contractor's responsibility to ensure that plastering is done to match the original finish at no extra cost.
14. The contractor shall remove all the debris due to the electrical works from the site as soon as the work is completed.
15. The wiring and conduit route shall be marked by the contractor in the drawing first and shall be got approved from the Engineer-in-charge.
16. Some light points in lobby / corridors/ staircase/ lift shaft etc are group controlled which will be measured as per Items mentioned under C-I.
17. The rupturing capacity of the MCB's shall be 10 KA. The MCB's shall have ISI mark. Quantities of MCBs of different rating of 6 amps to 32 amps shall be brought in consultation with the Engineer-in-Charge or his representative.
18. All the MCCBs shall be rated for $I_{cs}=100\% I_{cu}$. The copper wire to be used on this work shall be FRLS type and ISI marked.
19. The make of switch boxes shall be the same as that of switches. Only the required knockouts of the switch boxes are to be removed for terminating the conduit pipes with PVC glands / check nuts.
20. Make of MCB/MCCB shall be the same as the make of MCB DB.
21. All the switch boxes, MCBDBs are to be covered with plastic sheet / petroleum jelly when installed in brickwork till the plastering / painting is done to avoid sticking of cement plaster/ splashes of the paint. Cement plaster / paint is to be cleaned immediately after plaster to avoid rusting of switch boxes and MCB Db's. The plastic sheet is to be removed at the time of handing over.
22. If two module sockets are used for 15-amp power plugs, one blanking plate is to be fixed by the side of socket to avoid interference of larger size plug tops. Nothing will be paid extra for blanking plate and larger box size.
23. The Electrical works shall be carried out by the contractor, side by side with the progress of the civil works.
24. The Contractor shall furnish documentary proof like delivery challans of purchasing, Wires, Modular switches & accessories, MCBs, MCBDB, Fittings, accessories and other items from the manufacturers or their authorized dealers to the satisfaction of the Engineer-in-charge.

25. All PVC conduits accessories shall be of the same make as conduits. The Conduits shall be terminated at switch boxes/metallic junction boxes with suitable PVC glands/check nuts.
26. The connection between incoming switch / isolator and bus bar shall be made with suitable size of thimble and cable at no extra cost.
27. Cutting of brick walls shall be with chase cutting machine only. All repairs and patchworks shall be neatly carried out to match the original finish and to the entire satisfaction of the Engineer in Charge.
28. All the sub main and circuit wiring includes loose wire for connections inside switchboxes and MCB DB s. No payment for these loose wires shall be made. However, wires within the cubicle panel will be measured and paid under relevant item of work.
29. All the circuits / sub-main wiring are to be suitably numbered with stickers / marker pen at LT panel, MCBDBs, switch boards (on backside of cover plate) for ease of maintenance. Nothing shall be paid extra on this account.
30. To facilitate drawing of wires, 18 SWG GI fish wire shall be provided along with laying of recessed conduit for which no extra payment shall be made. Conduits laid for other services, like fire alarm, PA etc., where wiring is not done along with IEI works, fish wire shall be invariably drawn.
31. Copper conductor of insulated cables of size 1.5 Sq.mm and above shall be stranded and terminals provided with crimped lugs.
32. All MS junction box cover should be of phenolic laminated / good quality plastic sheet of thickness not less than 3mm and for which nothing extra shall be paid on the account.
33. All sub-main wiring shall be terminated in the main board with suitable copper lugs and thimbles for which nothing extra will be paid on this account.
34. All hardware items such as screws, thimbles, GI wire etc. which are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same have not been specifically mentioned.
35. All hardware items such as nuts/ bolts/ screws/ washers etc. to be used in work shall be zinc/ cadmium plated iron.
36. Any conduit which is not wired by the contractor shall be provided with GI fish wire for wiring by some other agency subsequently. Nothing extra shall be paid for the same.
37. While laying conduit, suitable size junction boxes shall be provided for pulling the wire as per the decision of the E-in-C.
38. Materials to be used in work are to be ISI marked. The make of the materials has been indicated in the list of acceptable makes. No other makes will be acceptable. The materials to be used in the work shall be got approved by the Engineer in Charge / his representative before its use at site. The E-in-C shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not acceptable.
39. Where switches/ sockets/ regulator/ telephone/ TV / internet outlets are to be provided, the same shall be of only one make.
40. While laying conduits for fire alarm system, sufficient junction outlets are to be provided as per the direction of the Engineer-in-Charge for detectors as required, for which no extra payment shall be made.
41. Wherever light fittings are proposed to be provided on the false ceiling, the respective light / fan point wiring will have to be brought up to the terminal of the light fittings / fans by

the contractor. Flexible metal conduits shall be used for drawing wires from PVC conduits on ceiling to fittings on false ceiling and nothing extra shall be paid to the contractor for the same. The height from false ceiling to ceiling is about 1.2 metres.

42. In case the same item appears more than once in the schedule of work under the same sub head or among the different subhead of works, the lowest rate quoted for that item shall be taken for other items also.
43. The work should be carried out at the proposed at IISER Tirupati Permanent Campus, Venkatagiri Road, Yerpedu, Tirupati.
44. All statutory deductions like Income Tax, GST, Labour welfare cess etc. shall be deducted from the bills.
45. INSURANCE AND STORAGE:
 - a. All consignments are to be duly insured up to the destination from warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

//Contractor//

Assistant Engineer (E)

SCHEDULE OF WORK

Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yeperedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.					
Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.					
Sl. No	Item Description	Unit	Qty	Rate	Amount
1.0	Supply of following size PVC insulated and PVC sheathed / XLPE aluminium conductor armoured UG power cable of 1.1 KV grade as required.				
1.1	4Cx10 Sq.mm	Mtrs	400	350.00	140000.00
2.0	Supplying and making end termination with brass compressions gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium cable of 1.1KV grade as required				
2.1	4Cx10 SQMM Ar,Al (25mm)	Nos	24	358.00	8592.00
3.0	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in the existing RCC/HUME/Metal/DWC pipe complete as required.				
3.1	Upto 35sqmm	Mtrs	370	52.00	19240.00
4.0	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	Mtrs	1000	55.00	55000.00
5.0	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. Direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
5.1	40 mm dia (OD-40 mm & ID-32 mm nominal)	Mtrs	370	227.00	83990.00
6.0	Supplying, installation, testing and commissioning of Digital time switch, along with 18 A TP power contactor, in the existing panel/Weather proof boxes	Nos	2	4753.00	9506.00

	including connections and interconnections etc., complete as required.				
7.0	Supplying and fixing of following pole and rating 415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as required.				
7.1	Four Pole 32A	Nos	2	2007.00	4014.00
8.0	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres, excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth and relaying of Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) as required as per direction of Engineer -in-charge.	Cum	4	14208.00	56832.00
9.0	Cutting and refixing of CCTV support structure to reduce overhang and height to rigidly support the camera even to withstand high wind velocity including, dismantling and reconnection of the existing CCTV camera, cutting the MS pipe to the required length, welding, connecting with necessary nuts and bolts, applying two or more coats of primer and spray painting of approved quality at all welded and disturbed locations to prevent corrosion etc as directed by the Engineer-in-Charge.	Job	20	970.00	19400.00
10.0	Integration of Existing Digital Flow Meters into BMS Network including, Termination of cables at both ends, Graphics creation, Value binding, Testing and demo and etc as required.	Job	26	7,195.00	187070.00
		TOTAL AMOUNT			5,83,644.00

// CONTRACOR //

ASSISTANT ENGINEER (E)

PROFORMA OF PRICE BID



Central Public Works Department
NIT No. 01/AE(E)/TPESD-I/18/EE&SM(E)/TP-I/2026-27



Name of Work: Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh.

Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.

ABSTRACT OF COST

Name of the Contractor

Sl. No	Name of Component	Estimated Cost ₹	Percentage above or below the estimated cost	% in Figures	Total Cost
1	2	3	4	5	6
1	Construction of Permanent Campus for IISER at Jangalapalli village, Yerpedu Mandal, Chittoor District, Tirupati, Andhra Pradesh. Sub-Head: Supplying and laying of LT Cable, Integration of Digital Flow Meters into BMS Network and Miscellaneous Works at Academic Zone.	₹ 5,83,644/-			
2	Total	₹ 5,83,644/-			

Important Note:

1. The Column Nos 4 & 5 are mandatory to be filled by the bidders/ tenderers. If all these columns are left blank, the tender become invalid.
2. The amount in figures in column No.6 shall appear automatically corresponding to the percentage quoted in column No.4 & 5.
3. The tenderer is need to quote the percentage only above or below or at par with the estimated cost to cover all the rates of item covered under the respective packages.
4. The percentage shall be written in 2 (two) place of decimal.
5. If the percentage selection in column No 4 is "At Par", by default the percentage will be considered as "Zero" only. In other words if "At par" is selected in column No.4, then no need to fill column No.5.
6. The rate for the payment of each item will be - measured quantity x estimated cost of that particular item x tender percentage corresponding package respectively.
7. Only one of the options is to be filled. More than one option shall be rejected.
8. Rate filled in any form shall be considered only in %age.
9. Rate filled at any other place in the document shall not be considered.
10. The rate quoted in the bid will cover all provisions of bid documents such as scope of work, relevant specifications and all other terms & conditions of the contract, etc.

Signature of Contractor

**Assistant Engineer (E),
TPESD-I, CPWD, Tirupati.**