



GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE OF THE EXECUTIVE ENGINEER(E)-II (HYD),
HYDERABAD-500 095

NOTICE INVITING "e-TENDER"

NIT No.86/EE(E)-II-Hyd/2026-27

Name of Work: SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

Estimated Cost put to Tender: **Rs.92,20,068/-**

INDEX

Name of Work: SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

S. No.	Contents	Page No.
1.	Index	2
2.	Press Notice	3
3.	Information and instruction for Contractor for tendering	4-8
4.	CPWD-6	9-13
5.	Format of Receipt of Deposition of Original EMD	14
6.	Bankers Certificate from A Scheduled Bank (FORM "B")	15
7.	Form for Certificate of Networth from Chartered Accountant (FORM "B-1")	16
8.	Affidavit as per provisions of clause 1.2.2 of CPWD-6 (FORM –C)	17
9.	Percentage tender for works (Form CPWD-7) i/c Schedule A to F	18-27
10.	Integrity Pact	28-34
11.	Form of Earnest Money (Bank Guarantee)	35
12.	Form of Performance Security (Guarantee)	36-37
13.	Additional conditions & specifications	38-40
14.	Technical Specifications Commercial & Additional conditions of Lab Equipments	41-48
15.	List of Approved makes	49
16.	Preference to Make in India	50
17.	Schedule of Work	51-53

Certified that this NIT comprises Pages1 to 53 only.

Executive Engineer (E)-II-HYD
CPWD, Hyderabad

**CENTRAL PUBLIC WORKS DEPARTMENT
NOTICE INVITING e-TENDERS**

The Executive Engineer (E)-II (Hyderabad), C.P.W.D., 2nd floor, Nirman Bhavan, Sultan Bazar, Hyderabad-500095 (Phone No. 040-29330109, email id: hyd-eee2@cpwd.gov.in) on behalf of President of India invites online Percentage rate tenders in two bid system (Eligibility bid and Price bid) from the approved & eligible contractors of CPWD of appropriate class under Building & Roads Category or Specialized Agency or Original equipment manufacturer (OEM) in the field of “**Designing, SITC of Bench Fume Hood**” for the following work:

NIT No. **86/EE(E)-II-Hyd/2026-27**; Providing the Lab Equipment in the newly constructed lab in the school of chemistry at HCU, Gachibowli, Hyderabad. ECPT: **Rs.92,20,068/-**, EMD: **Rs.1,84,401/-**. Period of Completion: **120 Days**, Last date and time of submission of bid: up to 15:00 Hrs on **15/09/2026**, Date of opening of Eligibility bid: at 15:30 Hrs. on **15/09/2026** & Date of opening of Price bid: at 16:00 Hrs. on **16/09/2026**

The Tender forms and other details can be obtained from the website <https://etender.cpwd.gov.in> and www.eprocure.gov.in.

Executive Engineer (E)-II-HYD
CPWD, HYDERABAD

INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING

The Executive Engineer (E)-II (Hyderabad), C.P.W.D., 2nd floor, Nirman Bhavan, Sultan Bazar, Hyderabad-500095 (Phone No. 040-24657854, email id: hyd-eee2@cpwd.gov.in) on behalf of President of India invites online Percentage rate tenders in two bid system (Eligibility bid and Price bid) from the approved & eligible contractors of CPWD of appropriate class under Building & Roads Category or Specialized Agency or Original equipment manufacturer (OEM) in the field “**Designing, SITC of Bench Fume Hood**” for the following work:

S. No.	Description	Details
1	NIT No.	86/EE(E)-II-Hyd/2026-27
2	Name of Work and Location	SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.
3	Estimated cost put to tender	Rs.92,20,068/-
4	Earnest Money Deposit (EMD)	Rs.1,84,401 /-
5	Period of completion	120 Days
6	Last date & time of submission of bid, EMD, e-tender processing fee and other Documents	Up to 15:00 Hours on 15/09/2026.
7	Time & date of opening of Bid (Eligibility Bid)	at 15:30 Hours on 15/09/2026.
8	Time & date of opening of Bid (Price Bid)	at 16:00 Hours on 16/09/2026.
9	Pre-Bid Conference	Pre-bid conference shall be held with the eligible and intending bidders in the 2nd Floor in Chamber of The Executive Engineer (E)-II-Hyd, CPWD, Hyderabad, Nirman Bhavan, Koti, Hyderabad at 11.00 Hrs. on 07/09/2026

1. **Only the enlisted contractors of class-III, IV and V by the Enlisting authority i.e. SDG(Chennai), ADG(Kochi), ADG(Bengaluru) and ADG(Hyderabad) shall tender within their tendering limit and tendering jurisdiction i.e. Tamil Nadu, Andaman & Nicobar, Puduchery, Kerala, Karnataka, Lakshadweep, Andhra Pradesh and Telangana of Southern Region(SR), as per the Rules for Enlistment of Contractors in CPWD,2026. Further, the enlisted contractors of class-III, IV and V shall also have to meet the other requirements of eligibility as per NIT conditions**
2. The firms/ contractors who fulfill the following requirements shall be eligible to participate in tender. Joint Ventures are not accepted.

Firms who have successfully completed Similar Works as below during last 7 years ending last day of month previous to the one in which tender is invited.:

Three similar works each costing not less than Rs. **36.88 Lakhs**

(or)

Two similar works each costing not less than Rs. **55.32 Lakhs**

(or)

One similar work costing not less than Rs. 73.76 Lakhs

Similar work shall mean “**Designing, SITC of Bench Fume Hood**”

Note-1: Components of work executed other than those included in definition of similar work shall be deducted while calculating cost of similar work. Bidder shall submit abstract of cost of work in support of this.

Note-2: For the purpose, “Cost of work” shall mean gross value of the completed work including the cost of materials supplied by the Government/Client, but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer / Project Manager or equivalent.

Note-3: The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last date of submission of tenders.

~~(b) Should have a Solvency of **Rs.36.88 Lakhs** issued by the bank (Scanned copy of the original solvency to be uploaded)~~

Or

Networth Certificate : Networth Certificate of amount not less than **Rs 13.83 Lakhs** issued by certified Chartered Accountants (Form “B-1” attached).

Solvency/Networth certificate should have been issued in the financial Year 2024-25 or as on date

Apart from above, Manufacturers/OEMs of Lab Equipments or their authorized dealers or approved and eligible contractors of CPWD (Building and Roads Category) are also eligible to bid. Approved and eligible contractors of CPWD (Building and Roads Category) shall associate Manufacturers/OEMs of Lab Equipments for executing the work.

- (c) Should have registration for GST (Scanned copy of GST Registration shall be uploaded) or GST undertaking shall be provided
 - (d) Self-attested copies of completion certificate(s) issued by the officer of the client department, not below the rank of Executive Engineer or equivalent. The completion certificate must clearly indicate:-
 - i. Name of Work
 - ii. Stipulated date of start and actual date of completion.
 - iii. Gross value of work done.
 - iv. That the work has been completed satisfactorily.
 - v. Full address of the client, officer issuing certificate and location where work is executed.
2. 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.
 3. Information and Instructions for bidders posted on website shall form part of bid document.

4. 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 <https://etender.cpwd.gov.in> or www.cpwd.gov.in free of cost.
5. Bidders are advised to keep visiting the above-mentioned web-sites 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.
6. 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 favour of **Executive Engineer (E), HCED-I, C.P.W.D., Hyderabad** shall be scanned and uploaded to the e-tendering website within the period of bid submission. **EMD shall be made / Issued only from the account of the bidder / tenderer submitting the bid/tender. EMD made/ issued from the account other than that of the bidder/ tenderer submitting the bid, shall not be accepted.** The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT. This receipt shall also be uploaded to the e-tendering website by the intending bidder upto the specified bid submission date and time.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lakh, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled Bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.
7. 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.
8. 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 can only be submitted after depositing e-tender Processing Fee as applicable in favour of ITI Limited through their e-gateway by credit/debit card, internet banking or RTGS/NEFT facility.

The contractor already registered on the e-tendering portal will have option to continue by paying tender processing fee upto one year from the date of registration, or to switchover to (new) registration without tender processing fee any time. All new registrations from 01.04.2015 will be without tender processing fee.

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

10. The intending bidder must have valid class-III digital signature to submit the bid.
11. On opening date, the contractor can login and see the bid opening process. After opening of bids, he will receive the competitor bid sheets
12. Contractor 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 eligibility (Pre-qualification) bid shall be opened first on due date and time as mentioned above.
15. 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.
16. 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.
17. 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.
18. 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 / Undertaking as applicable) as stipulated in the bid document including the copy of receipt for deposition of original EMD.

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

For CPWD enlisted contractors of appropriate class.

1	Proforma of Receipt of Original EMD (Annexure-A)
2	Enlistment order in appropriate class and category issued by CPWD
3	ERP Training Certificate
4	GST registration certificate of the state in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the state in which the work is to be taken up, or as required by GST authorities, then in such a case the bidder shall scan and upload following under taking with the bid document. "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".
5	Copy of Insurance surety bonds, Account Payee Demand Draft of Banker's Cheque or Fixed Deposit receipt or/ and Bank Guarantee of any Commercial Bank against EMD as specified for e-bidding.
6	Details of eligible similar nature of works along with the completion certificates issued from end user department completed during the last seven years ending last day of month previous to the one in which tenders are invited.(NOTE: similar nature of work means only Designing SITC of Bench Fume Hood items will be considered for works experience).

For Specialized Agency agencies.

1	Proforma of Receipt of Original EMD (Annexure-A)
2	Networth Certificate by certified CA (Form 'B1')
3	Details of eligible similar nature of works along with the completion certificates issued from end user department completed during the last seven years ending last day of month previous to the one in which tenders are invited.(NOTE: similar nature of work means only Designing SITC of Bench Fume Hood items will be considered for works experience).
4	Performance Report of works referred in SI.No.6 vide Form C (Form 'D')
5	GST registration certificate of the state in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the state in which the work is to be taken up, or as required by GST authorities, then in such a case the bidder shall scan and upload following under taking with the bid document. "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".
6	Copy of Insurance surety bonds, Account Payee Demand Draft of Banker's Cheque or Fixed Deposit receipt or/ and Bank Guarantee of any Commercial Bank against EMD as specified for e-bidding.
7	The following undertaking to be submitted for Non-enlistment contractors. In case of non-enlisted contractor being first lowest in any of the tender then either contractor himself or his authorized representative shall take compulsory ERP training through any of the CPWD Regional Training Institutes (RTIs) at Delhi, Mumbai, Chennai and Kolkata, National CPWD Academy (NCA) Ghaziabad, Training arranged by Graduates of ERP "Train the Trainers Programme" conducted by NCA, Ghaziabad or through any other special training arranged by ERP unit of CPWD within two months from the date of issue of Intent letter. Training will be valid only when non enlisted contractor is registered in LMS of ERP and

	certificate is issued through LMS of ERP. Failure to do so, a recovery of Rs. 10,000/- per week shall be made from the R/A bill without giving any show cause notice in this regard from department.
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Note : For Original Equipment Manufacturers the above all certificates except 3 have been mentioned in specialized agency table are required

Note: The Postal address of **Executive Engineer(E)-II, Hyd**, may be noted as below for correspondence and submission of Physical documents.

Executive Engineer(E)-II, Hyd
CPWD, Second floor, NirmanBhawan,
Sulthan Bazar, Koti,
Hyderabad – 500 095.

Executive Engineer (E)-II-HYD
 CPWD, Hyderabad

CPWD 6 for e-Tender

1. The Executive Engineer (E)-II (Hyderabad), C.P.W.D., 2nd floor, Nirman Bhavan, Sultan Bazar, Hyderabad-500095 (Phone No. 040-24657854, email id: hyd-eee2@cpwd.gov.in) on behalf of President of India invites online Percentage rate tenders in two bid system (Eligibility bid and Price bid) from the approved & eligible contractors of CPWD of appropriate class under Building & Roads Category or Specialized Agency or Original equipment manufacturer (OEM) in the field of **“Designing SITC of Bench Fume Hood”** for the following work: “Providing the Lab Equipment in the newly constructed lab in the school of chemistry at HCU, Gachibowli, Hyderabad.”

- 1.1 The work is estimated to cost Rs.**92,20,068/-**. This estimate however is given merely as a rough guide.

- 1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

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

- 1.2.1 Firms / Contractors who fulfill the following requirements shall be eligible to apply. Joint ventures are not accepted.

The Firms / Contractors should have satisfactorily completed the works as mentioned below during the last Seven Year ending previous day of last date of submission of bids.

Three similar works each costing not less than Rs. **36.88 Lakhs**
(or)

Two similar works each costing not less than Rs. **55.32 Lakhs**
(or)

One similar work costing not less than Rs. **73.76 Lakhs**

Similar work shall mean **“Designing SITC of Bench Fume Hood”**

Note-1: Components of work executed other than those included in definition of similar work shall be deducted while calculating cost of similar work. Bidder shall submit abstract of cost of work in support of this.

Note-2: For the purpose, “Cost of work” shall mean gross value of the completed work including the cost of materials supplied by the Government/Client, but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer / Project Manager or equivalent.

Note-3: The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to previous day of last date of submission of tenders.

~~(b) Should have a Solvency of **Rs.10.65 Lakhs** issued by the bank(Scanned copy of the original solvency to be uploaded)~~

Or

Networth Certificate : Networth Certificate of amount not less than **Rs.13.83 Lakhs** issued by certified Chartered Accountants (Form “B-1” attached).

~~Solvency~~/Networth certificate should have been issued in the financial Year 2024-25 or as on date

(c) Should have registration for GST (Scanned copy of GST Registration shall be uploaded) or GST undertaking shall be provided.

(d) The specialized firm shall enclose attested copies of completion certificate issued by the officer of client department not below the rank of Executive Engineer or equivalent along with the application. The completion certificate shall clearly indicate:

1. Name of Work
 2. Value of completed work
 3. Date of completion of work
 4. Performance of work
 5. Penalty, if any, levied for delay incompletion of work or any other reason
2. The time allowed for carrying out the work will be **120 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 <https://etender.cpwd.gov.in>, <http://eprocure.gov.in> or www.cpwd.gov.in free of cost.
 6. After submission of the bid the contractor can re-submit revised bid any number of times 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 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. The bid can only be submitted **after depositing e-tender Processing Fee as applicable in favour of ITI Limited through their e-gateway by credit/debit card, internet banking or RTGS/NEFT facility.**

The contractor already registered on the e-tendering portal will have option to continue by paying tender processing fee upto one year from the date of registration, or to switch over to (new) registration without tender processing fee any time. All new registrations from 01.04.2015 will be without tender processing fee.

9. 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 favour of **Executive Engineer(E),HCED-I,CPWD, Hyderabad** shall be scanned and uploaded to the e-tendering website within the period of bid submission. **EMD shall be made / Issued only from the account of the bidder / tenderer submitting the bid/tender. EMD made/ issued from the account other than that of the bidder/ tenderer submitting the bid, shall not be accepted.** The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission.
The EMD receiving Executive Engineer 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.

The bid submitted shall be opened at 15:30 Hrs on **15/09/2026**.

10. 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.
 - iii) The bidder does not upload all the documents (including GST registration/ Undertaking as applicable) as stipulated in the bid document including the copy of receipt for deposition of original EMD.
 - 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.
11. The Contractor, whose bid is accepted, will be required to furnish performance guarantee of i) **5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).** (ii) **Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (i) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered 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 bid shall be returned after receiving the aforesaid performance guarantee. The contractor whose bid is accepted will also be required to furnish either copy of applicable license/ registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F.

12. The description of the work is as follows:

“SITC of Lab equipments for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.”

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.

13. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
14. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to be rejected.
15. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture /Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette 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.
17. No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor"s service.
18. The bid for the work shall remain open for acceptance for a period of **75 Days** from the date of opening of eligibility 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 performance guarantee before the deadline defined in the tender documents.
 - iii) 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.
19. 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 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the Bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.

Executive Engineer (E)-II-HYD,
CPWD, Hyderabad

FORM 'A'

FORMAT OF RECEIPT OF DEPOSITION OF ORIGINAL EMD

RECEIPT OF DEPOSITION OF ORIGINAL EMD

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

1.NAME OF WORK : SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

2. NIT No. **86/EE(E)-II-Hyd/2026-27**

3. ESTIMATED COST: Rs.**92,20,068/-**

4. AMOUNT OF EARNEST MONEY DEPOSIT: Rs.**1,84,401/-**

5. LAST DATE OF SUBMISSION OF BID: up to 15:00 Hrs on **15/09/2026.**

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/AAO)

Along with Office Stamp

(# To be filled by EMD receiving EE)

FORM "B"**BANKERS' CERTIFICATE FROM A SCHEDULED BANK**

_____ This is to certify that to the best of our knowledge and information that M/s. / Sh.
 having marginally noted address, a
 customer of our bank are/ is respectable and can be treated as good for any engagement up
 to a limit of (Rupees).

This certificate is issued without any guarantee or responsibility on the bank or any of
 the officers.

(Signature)
 For the bank

NOTE :

- (1) _____ Bankers Certificates should be on letter head of the Bank, addressed to tendering authority.
- (2) _____ In case of partnership firm, certificate should include names of all partners as recorded with the bank.

FORM "B-1"**FORM FOR CERTIFICATE OF NETWORTH FROM CHARTERED ACCOUNTANT**

"Its is certify that as per the audited balance sheet and profit & loss account during the financial year....., the Net Worth of M/s.....(Name & Registered Address of individual /firm/company), as on(the relevant date) is Rs.....after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30% in the last three years ending on (the relevant date)."

Signature of Chartered Accountant

.....

Name of Chartered Accountant

.....

Membership No. of ICAI

Date and Seal

(FORM-C)-
(on Rs.100/-Stamp Paper)

Affidavit as per provisions of clause 1.2.2 of CPWD-6

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

SIGNATURE OF BIDDER(S)

C.P.W.D.- 7

GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT

STATE: Telangana.
 BRANCH: E& M

ZONE : Hyd Region
 DIVISION : EE(E)-II-HYD

Percentage Rate Tender & Contract for Works

(A) Tender for the work of :-

Name of Work:- SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

To be submitted online upto 15:00 hours on **15/09/2026**.

To be opened in presence of tenderers who may be present at 15:30 hours on **15/09/2026** in the office of the Executive Engineer (E)-II (Hyderabad), CPWD, Hyderabad.

Issued to Tender document made available Online

Signature of the Officer issuing the documents.

Designation: Executive Engineer (E)-II (Hyderabad), CPWD, Hyderabad.

Date of issue **02/09/2026**. As per INFORMATION AND INSTRUCTIONS FOR BIDDERS

T E N D E R

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 **75 Days** from the date of opening of bid and not to make any modifications in its terms and conditions.

A sum of **Rs.1,84,401/-** 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 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 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 CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

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

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. * _____
(Rupees* _____)

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

- i) *
- ii) *
- iii)*

For & on behalf of the President of India.

Signature

Dated *.....

Designation

SCHEDULES FOR WORKS

SCHEDULE “A” Schedule of quantities (Enclosed)

SCHEDULE “B” Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the	Place of
			material will be charged to the contractor	Issue

1	2	3	4	5
---	---	---	---	---

-----NIL-----

SCHEDULE “C”

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charges per day	Place of issue
---------	-------------	----------------------	----------------

1	2	3	4
---	---	---	---

-----NIL-----

SCHEDULE “D”

General conditions and requirements /documents for the work, if any, specification of work, if any etc.

As attached.

SCHEDULE “E”

1.Reference to General Conditions of contract. General Conditions of Contract-2023 Construction Work for CPWD mended up to the last date of submission of online tender.

(a) Name of work:- SITC of Lab equipments for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

(b) Estimated cost of work: Rs.92,20,068/-

(c) Earnest money: Rs.1,84,401 /-

i) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher). (ii) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (i) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount

(d) Performance guarantee:

(e) Security Deposit: 2.5% of tendered amount.

SCHEDULE „F“

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

Officer inviting tender **Executive Engineer (E)-II (Hyderabad)/CPWD /Hyderabad.**

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. **100%**

Definitions:

2(v) Engineer-in-Charge	Executive Engineer (E)-II(HYD) CPWD, Hyderabad.
2(viii) Accepting Authority	Executive Engineer (E)-II-HYD CPWD, Hyderabad.
2(x) Percentage on cost of materials and labour 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

Amendments up to last date of submission of online tender shall be read with NIT

Clause1

- | | |
|--|---------------|
| (i) Time allowed for submission of Performance Guarantee Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board 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 clause 2	Chief Engineer-Hyderabad, CPWD, Hyderabad.
--	---

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.

7 Days**Table of Milestones:**

S. N O.	Description of Milestone (Physical)	Time allowed in days (from the date of start)	Amount to be with held in case of non-achievement of milestone. (% of tendered amount of respective Electrical component)
1	Engaging of consultant and designing performing drawing as per site condition	20 days	1%
2	Supply of all items as per BOQ	70 days	2%
3	Installation	110 Days	1%
4	Testing, Commissioning & handing over	120 Days	1%

Time allowed for execution of work

120 Days

Authority to reschedule Milestones

**Executive Engineer (E)-II-HYD
CPWD, Hyderabad**

Authority to give fair and reasonable extension of
time for completion of work .

**Executive Engineer (E)-II-HYD
CPWD, Hyderabad**

Clause 6

Clause applicable

**EMB (Electronic
Measurement Book)** Through
ERP (As per circular DG/CON-
Maintenance 2020/338,
Dt:13//04/2023)

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. 30.00 Lakhs or mutually
agreed by both parties.**

Clause 10 B(ii)- Whether Clause 10 B(ii) shall be applicable: **No**

Clause 10CA - Whether clause 10CA shall be applicable Not Applicable

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-----		

Clause 10CC- Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column. **N.A.**

Schedule of component of other Materials, Labour, POL etc. for price escalation.

Component of Civil - Xm.....% **N.A.**
(Except material covered under clause 10CA)
 Electrical construction materials expressed as percent of total value of work

Component of Labour expressed as percent of total value of work Y.....% **N.A.**

Component of POL expressed as percent of total value of work Z.....% **NIL**

Specifications to be followed:

C.P.W.D. General Specification as amended upto date, Additional Conditions, General Conditions of Contract and Technical Specifications

Clause 12

Type of work:-

Construction

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

12.5 Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work. **N.A**

Clause 16

Competent Authority for deciding reduced rates. **Chief Engineer-Hyderabad
CPWD, Hyderabad.**

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 2020.

CHIEF ENGINEER-HYDERABAD, CPWD, HYDERABAD.

a) FOR TOTAL CLAIMS UPTO 25 LAKHS

Dispute Redressal Committee			
Chairman	Member	Member	Presenting Officer
Superintending Engineer (Works cum TLQA), O/o ADG-RH	Executive Engineer(C), Office of CE-Hyderabad, CPWD	Executive Engineer & Senior Manager (E), Hindupur	Executive Engineer in charge of the work

b) FOR TOTAL CLAIMS MORE THAN 25 LAKHS

Dispute Redressal Committee			
Chairman	Member	Member	Presenting Officer
Chief Engineer- Vijayawada, CPWD	Superintending Engineer (Works cum TLQA), O/o ADG-RH	Superintending Engineer Cum Project Director, CPWD, Hindupur	Executive Engineer in charge of the work

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

Sl.No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical / Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 32	
						Figures	Words
1)	Graduate Engineer OR Diploma Engineer	E&M	Principal Technical Representative	2 years 5 years	01(one)	15000/-	Fifteen thousand only

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 42

- (i) Schedule/Statement for determining theoretical quantity of cement and bitumen on the basis of Delhi schedule of Rate 2007 printed by C.P.W.D. : Not Applicable
- (ii) Variations permissible on theoretical quantities
 - a) Cement for works with estimated cost put to Bid not more than Rs.5Lakh. : Not Applicable
 - b) Bitumen for all works : Not Applicable
 - c) Steel Reinforcement and structural steel sections for each diameter, section and Category : Not Applicable
 - d) All other material : Not Applicable

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of item	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond Permissible Variation	Less use beyond the Permissible Variation
....Not Applicable...			

INTEGRITY PACT

To,

.....,

Sub: NIT No. **86/EE(E)-II-Hyd/2026-27**

(a) Name of Work: SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

Dear Sir,

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

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

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

Yours faithfully

Executive Engineer (E)-II-HYD,
 CPWD, Hyderabad

INTEGRITY PACT

To,

Executive Engineer (E)-II (Hyderabad),
CPWD, HYDERABAD-500 095

Sub: Submission of Tender for the Work : SITC of Lab equipments (Fume Hood)
for school of chemistry New Annex Building at University of Hyderabad
Campus, Gachibowli, Hyderabad.

Dear Sir,

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

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

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/ bid is finally accepted by CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article1of 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...2026
BETWEEN

President of India represented through **Executive Engineer (E)-II (Hyderabad)**, (Name of Division) CPWD, Hyderabad-500095..... (Hereinafter 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.....(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.**86/EE(E)-II-Hyd/2026-27**) (hereinafter referred to as “Tender/Bid”) and intends to award, under laid down organizational procedure, contract for

(Name of work)
(SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.)

Hereinafter referred to as the “Contract”.

ANDWHEREAS 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).

ANDWHEREAS 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:

Article1: Commitment of the Principal/Owner

- 1) The Principal/Owner commits itself to take all measures necessary to Prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/ her family members, will in connection with the Tender or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the Tender 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, 1997 (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.

Article2: 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 competitive 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 participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/ parallel tender for the same item.
- e) The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose 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 day"s 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 Article3(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 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 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 - 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 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 turnout 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)

Executive Engineer (E)-II-HYD,
CPWD, Hyderabad

(For and on behalf of Bidder/ Contractor)

WITNESSES:

1.
(signature, name and address)

2.
(signature, name and address)

Place:

Dated:

FORM OF EARNEST MONEY (BANKGUARANTEE)

WHEREAS, contractor.....(Name of contractor) (Hereinafter called "the Contractor") has submitted his tender dated.....(Date) for the work".....(Name of Work) (Hereinafter called "the Tender").

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

.....(Name and division of Executive Engineer) (Hereinafter 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....THE CONDITIONS of this obligation are:

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

We undertake to pay to the Engineer-in-Charge either up to the above amount or part there of 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 upto and including the date*.....after the dead line 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.

FORM OF PERFORMANCE SECURITY (GUARANTEE)
BANK GUARANTEE BOND

In consideration of the President of India (hereinafter 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 demand notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.
4. We..... (*indicate the name of the Bank*) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid and its 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 upto.....unless extended on demand by 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 upto three months after the time period allowed for the work.

	<u>ADDITIONAL CONDITIONS AND SPECIFICATIONS</u>
1	The work shall be carried out strictly in accordance with the CPWD General Specification for Electrical works, Part-I Internal 2013 and Part II 1994 (External) 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	All materials used shall conform to relevant Indian Standard Specification and where ever existing materials with ISI certification mark shall only be used.
3	The contractor shall have to obtain prior approval from 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 list of accepted makes (enclosed). 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.
4	Bad workmanship shall be rejected in to.
5	All repairs and patch works shall be neatly carried out to match with the original finish by the contractor to the entire satisfaction of the Engineer -in-Charge.
6	All the debris due to the electrical works shall be cleared every now and then and site shall be kept clean by the contractor at all times.
7	The contractor is fully responsible to make his own arrangements for the watch and ward of materials at site as well as the installations provided by him till such time the installation / work is completed and handed over to the department in satisfactory working condition for which no extra claim will be entertained on account of damage, theft, pilferage etc., for the materials and installations.
8	The contractor shall make his own arrangement for all General and Special T & P required for the work. No T & P items shall be supplied by the department.
9	The material to be used in the work shall be procured only from authorised 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.
10	Price quoted shall be inclusive of all taxes including GST.
11	GST, Labour Cess, Income Tax and other statutory deductions as applicable shall be deducted at source from the contractor's bills.
12	The work shall be carried out at School of Chemistry, New Annex Building, University of Hyderabad, Gachibowli, Hyderabad.
13	Manufacturers Authorization form from OEM shall be submitted along with technical bid
14	Final handing over will be deemed completed only after quality assurance checked from the client.
15	Speakers and mic shall be of same make
16	The entire work shall be guaranteed for a period of 2 (Two) years from the date of completion of work.
17	This is a two bid system both technical compliance on OEM letter head and data sheets has to be submitted
18	The project "Designing, SITC of Bench Fume Hood at School of Chemistry, New Annex Building, University of Hyderabad, Gachibowli, Hyderabad ". will be executed by one bidder who qualifies in both technical and price bids. For this, the bidder has to prove their expertise in all required areas (as detailed in the scope of work) to execute a final task.

19	The OEM (for supplied make/brand) or bidder should have Technical Support Centre in India and also regional support & repairing centre in southern India preferably in Hyderabad. Letter with Address proof of the technical support centre with phone no. in the name of OEM or bidder must be attached
20	Bidder not meeting any of the above points will be summarily rejected. Final call lies with the user
21	The L-1 bidder has to advise to visit the site before quoting the rate. He may contact Shri Shivanshu Mishra, AE(E)-II/IV, CPWD, HCU, Gachibowli, Hyderabad Contact No. 79875 52824.
22	The material to be used in the work shall be procured only from authorized sources / dealers / distributors and documentary evidence to this effect shall be submitted as and when desired to the Engineer-in-Charge failing which the Engineer-in-Charge reserves the right to reject the materials in toto.
23	work shall be carried out in an existing building. The cabling and installation etc. shall be carried without causing any damage the already existing infra. Any damages and or cutting and chase etc carried out shall be made good at no extra cost.
24	The price quoted shall be firm and inclusive of all taxes and duties i/c GST.GST, Income Tax and Labour welfare Cess will be deducted at source from the contractors bills
25	The contractor should make minimum fair wages to the staff as per prevailing labour laws, The wages shall be made to the bank account of the labour and proof shall be submitted to JE(E)/AE(E).
26	Mode of measurement (For Record Purpose)
27	The Agency shall raise RFI (Request for Inspection) on the ERP portal which shall be reflected as an action item in AE' s notification, who is responsible or checking the item on the field. Once Physical check is completed, AE should update the RFI as Measurement Verified/Test Checked/Rejected & subsequently the RFI may be selected to create e-MB which include abstract of quantity item wise against the selected RFIs.
27.1	(Request for inspection (RFI) is a process for recording of measurements online to create e-MB and forwarding it to the concerned authority for Inspection and Test Checks of quality & measurements recoded against the items uploaded under ‘ Contract Agreement Data Collection Forms on ERP’)
	The stage-wise measurement as per schedule of stage payment shall be recorded and submitted in computerized format by the Agency as per directions given above.
27.2	The contractor shall submit item wise measurement for the work executed in line with detailed estimate based on items in DSR-2025 along with every running account bill to facilitate stage wise payment.
27.3	In addition, the contractor shall submit theoretical consumption statements for the items involving use of cement, steel reinforcement, chemical, paints, ready mix plaster, bitumen etc. as directed by the Engineer-in-Charge along with every RA bill for record and reconciliation of material issued, consumed and balance.
27.4	These measurements shall then be 100% checked by the authorized representatives of the Engineer-in-Charge. The contractor shall incorporate all such changes or corrections, as may be done during these checks, to his draft.
27.5	The Computerized Measurement Book shall be allotted a serial number as per the Register of Computerized Measurement Books and processed for payment, if reqd.

// Contractor //

Executive Engineer (E)-II-HYD

AE(E) / EE(E)-II -HYD

TECHNICAL SPECIFICATIONS COMMERCIAL AND ADDITIONAL CONDITIONS

1.0 GENERAL

a. This specification covers manufacturing, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into operation of Lab Equipment complete with accessories etc. and final testing the system.

b. The work shall be executed as per CPWD General specification for Electrical works Part-I, II & IV as amended upto date, relevant IE Rules, BIS/IEC / IS and as per direction of Engineer-in-charge. These additional specifications / conditions are to read in conjunction with above and in case of variations, specifications given in this additional condition shall apply. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to read along with schedule of quantities for the work.

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

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

2. The Contractor is advised to visit the site before quoting the rate. In case of reductive in scope of work nothing extra will be paid.

3.0 RATES

3.1 The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including GST, labour cess), duties levies octroi etc. and all charges for packing, forwarding, insurance, freight and delivery, installation, testing, commissioning etc. at site i/c temporary construction of storage, risks, over head charges, general liabilities/ obligations. Service tax is not payable being a Central Govt. work.

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

4.0 COMPLETENESS OF TENDER

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

5.0 STORAGE AND CUSTODY OF MATERIALS

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

6.0 CARE OF THE BUILDING

Care shall be taken by the contractor while handling and installing the various Equipment and components of the work to avoid damage to the building. He shall be responsible repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost, all unwanted and waste materials arising out of the installation from the site of work.

7.0 COMPLETION PERIOD

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

8.0 GUARANTEE

8.1 All Lab Equipment shall be guaranteed for a period of minimum 5 (five) year including comprehensive annual maintenance from the date of taking over the installation by the department against unsatisfactory performance and/ or break down due to defective design, workmanship or material. The Equipment or components, or any part thereof, so found defective during guarantee period shall be forthwith 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 and binding on the contractor.

8.2 The tender shall guarantee among other things, the followings:

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

9.0 POWER SUPPLY:

The agency has to make his own arrangement for power supply.

10.0 WATER SUPPLY:

The agency has to make his own arrangement for water supply.

11.0 ACCEPTABLE MAKES OF VARIOUS EQUIPMENT

The acceptable makes of various Equipment/ components/ accessories have been indicated in Annexure 'A'. The tenderer shall work out the cost of the offer on the this basis. Alternative makes are not acceptable.

12. DATA MANUAL AND DRAWINGS TO BE FURNISHED BY THE TENDERER

12.1 After Award of work :

- a) The successful tenderer would be required to submit the following drawings along with detailed technical literature, pamphlets and performance data within 15 days of award of work for approval before commencement of installation.
- b) General arrangement drawing of the Equipment.
- c) Details of foundations for the Equipment and the weights of assembled Equipment.
- d) Cable layout, panel etc.
- e) Any other drawings necessary for the job.

The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of Equipment regarding installation, adjustments operation and maintenance i/c preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue and workshop procedure for repairs, assembly and adjustment etc. all in triplicate.

13.0 EXTENT OF WORK

13.1 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning, as may be required by the department. The term complete installation shall not only mean major items of the plant and Equipment covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender document in connection with this contract as this is a turnkey job.

13.2 In addition to supply, installation, testing and commissioning of Equipment, following works shall be deemed to be included within the scope of work to be executed by the tenderer as this is a turnkey job :

- a) Minor building works necessary for installation of Equipment, foundation, making of opening in wall or in floors and restoring them to their original condition/ finish and necessary grouting etc. as required.
- b) All supports for overhead cables and MS channels for erection of equipment etc. as are necessary.
- c) Testing Equipment.

14.0 EXCLUSION AND WORK TO BE DONE BY OTHER AGENCIES

The following shall be excluded from the scope of the work :

Major dismantling of any existing building work.

15.0 INSPECTION AND TESTING :

15.1 Copies of test certificates of the equipment shall be furnished to the Engineer-in-charge. After completion of the work in all respect the contractor shall offer the installation for testing and operation.

16.0 COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS

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

- i) Factories Act.
- ii) Indian Electricity Rules.
- iii) B.I.S. & other Standards as applicable.
- iv) Workmen's compensation Act.
- v) Statutory norms prescribed by local bodies etc.

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

16.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs. 500/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

17.0 INDEMNITY

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the department shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the Equipment and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer due to the above.

18.0 ERECTION TOOLS

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

19.0 COOPERATION WITH OTHER AGENCIES

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

20. The work will be carried out with least disturbance.

21.0 MOBILIZATION ADVANCE :

As per major component.

22.0 INSURANCE AND STORAGE

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

23.0 VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION :

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

24.0 PAINTING

This shall include cost of painting of entire installation, where ever required. The agency shall be required to do the touching to the damage caused to the painting during transportation, handling & installation at site, if there is no major damage to the painting. However hangers, supports etc. of cable tray etc. shall be painted with required shade including painting with two coat of anticorrosive primer paint at site.

25.0 TRAINING

The scope of works includes the on job technical training of two persons at site. Nothing extra shall be payable on this account.

26.0 MAINTENANCE

26.1 Sufficient trained and experienced staff shall be made available to meet any exigency of work during the guarantee period of one year from handing over of the installation.

26.2 The maintenance, routine as well as preventive for one year from the date of taking over the installation as per manufacturers recommendation shall be carried out on monthly basis and as and when required.

26.3 The Firm must have its service center within Hyderabad to facilitate the department.

27.0 INTERPRETING SPECIFICATIONS :

In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions :

- a) Schedule of quantities.
- b) Technical Specifications.
- c) Drawing (if any).
- d) General Specifications.
- e) Relevant BIS or other international code in case BIS code is not available

28. The bidder shall ensure compatibility of all the makes of Equipment mentioned in the preferred makes (Annexure-A), before selection of particular model and make of each item, for overall satisfactory performance of the Lab Equipment as a whole.

29. The approved associate agency shall be required to arrange for design of Lab Equipment as per site condition relative to the BOQ and shall be got approved by the department.

30. The testing and commissioning of the Lab Equipment in total shall be carried out by the OEM/ authorized distributor of the OEM and certificate shall be issued

31. Terms of payment

Payment shall be made on the basis of running account bill as per progress of execution of work. **Stages of payment shall be as per following** on prorata basis :-

- i) Against supply of material received at site in good condition - 75%
- ii) On completion of pro-rata installation - 10%
- iii) On commissioning and completion of work - 5%
- iv) After handing over along with all required documents - 5%

// Contractor //

Executive Engineer (E)-II-HYD

Technical Specifications for Laboratory Fume Hood System

1. Scope of Work

The L1 bidder to associate with consultant of OEM who will prepare all the drawings for placement of **1. Bench Fume Hood a) Fume Hood Superstructure b) Fume Hood Worktop c) Service Valves d) Electrical Services 2. spot extractors 3. PP FRP fabricated blowers 4. PP+FRP round shaped ducting** and coordinate drawing between them as per actual size without any cost.

2. Consultant

The cost of the consultant appointed for the preparation of necessary drawings, design coordination and technical assistance shall be deemed to be included in the estimated rates and shall not be paid separately.

3. Warranty

Contractor shall provide on-site training to end-users and maintenance staff covering proper operation of hoods, sash management, emergency procedures and basic troubleshooting.

Fume hoods, blowers and control systems shall be warranted for a minimum period of 24 months from date of handing-over, against manufacturing defects and performance shortfalls.

// Contractor //

Executive Engineer (E)-II-HYD

LIST OF ACCEPTABLE MAKES

Sr. No.	Product	Make
1	Fume hood	• GD Waldner • Citizen • Sudha Analyticals • Kewaunee
2	Blower motor	• CG Power • ABB • Bharat Bijlee • Siemens
3	Spot Extractors	• Premier Polymer • ALCIDENT • Fumex • RWD
4	Ducting	• Fibrotech Engineering Co • M.I.E fibrotech • Prochem industries • Shiv plast industries • Sushar FRP industries
5	All other items not covered above	• As per approval of the Engineer-in-charge.

Note:

- 1) The contractor shall have to obtain prior approval from Engineer-in-charge before placing the order for any specific materials. The Engineer- in- charge may approve any of the make brands out of the above list. In addition, the firm shall produce proof of purchase of materials for payment.
- 2) Components with country of origin of China are not acceptable.

// Contractor //

Executive Engineer (E)-II-HYD

Preference to Make in India:

- i. The Government has issued public procurement policy (Preference to Make in India) vide Ministry of Commerce and Industry Development of industrial policy and promotion (PPS) vide order No. P-45021/2/2017-PP BE-II dated 28.05.2018, to “Encourage Make in India” and to promote manufacturing and production of Goods and services in India with a view to enhancing income and employment. CPWD has decided to implement this policy.
- ii. The agency shall submit list of makes of materials proposed to be used on the work from local suppliers (as defined in the above order dated 28.05.2018) along with minimum local content as specified below for approval of the department.
- iii. The department will be approving only makes of the materials having a minimum local content of 50% for use on this work, out of the preferred makes list.
- iv. The agency is required to obtain a self certification from OEM/ Manufacturer for verification of local content along with the makes proposed to be used in the work for approval of the department. The self certification shall be as mentioned below.
“The item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.”
- v. **As per the Ministry of Commerce and Industry Development order No. P-45021/2/2017-PP BE-II dated 28.05.2018 the minimum local content is 50%.**
- vi. The minimum local content of 50% is considered for the complete item including labour component.
- vii. The agency shall obtain the certificate for all items except for sundry items

// Contractor //

Executive Engineer (E)-II-HYD

SCHEDULE OF WORK						
Name of Work :		SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.				
S.No	Code	Description	Quantity	Unit	Rate	Amount (Rs.)
1		Designing Supply installation testing and commissioning of the constant bypass type Bench Fume Hood with appx size of 1800 mm (W) x 915/950mm (D) x 2300 mm (H)				
		a) Fume Hood Superstructure consisting of :				
		• Structure frame in 2.0mm thick GI/ GPSP construction				
		• Inner lining, rear baffles and top baffles in 6mm thick Phenolic resin construction				
		• Outer panels in 1.2mm thick GI construction				
		• Aerodynamic Shape front posts, in GI construction				
		• Flip-on type Airfoil in 1.6 mm thick SS construction with Teflon Coating				
		• Streamlined shaped exhaust duct collar in PP construction				
		• Combination type, frameless design such in toughened glass 6mm construction with full length sash handle in anodised aluminium construction				
		• Sash movement mechanism with counter weight				
		• Twin LED tube type light with fittings.				
		b) Fume Hood Worktop				
		• In granite construction 18mm top of approved color having raised rails on all four sides				
		• Oval shaped cup sink in PP construction - 1 No				
		• (PP bottle trap, sink outlet nipple, PP hose/drain pipe min 1 m with coupler) - 1 set				
		c) Service Valves:(remotely operated from outside of Fume Hood)				
		• Forged brass construction, extended spindle,				

		color coded knobs, angular shaped serrated nozzles in epoxy coated forged brass construction, 1,5m long flexible tubing with eng fittings for following services: Services Tube Construction 1. Compressed Air - PU-4 (1 Nos) 2. Vacuum - SS Braided Teflon Hose (1 Nos) 3. Nitrogen - PU-4 (1 Nos) 4. Potable Water - Nylon Braided PVC Hose (1 Nos)				
		d) Electrical Services (with internal wiring):				
		• Push On/OFF button for fans - 1 No				
		• 6A switch for lights - 1 Nos				
		• 16A 3 Phase MCB for 3 phase supply - 1 Nos				
		• 16A 2 Pole MCB - 1 Nos				
		• 6/16A 3 pin socket with trip device - 6 Nos				
		e) Fume hood Understructure:				
		Heavy gauge rectangular gauge hollow MS pipes duly finished with corrosion resistant specialy coatings				
		f) Fumehood Under-Cabinet (designed for chemical storage puspose)				
		• Detacheble design chemicle perpose twin base caninets -(2 Nos) fabricated out of GI sheets consisting of:				
		• Special arrangement for air ventilation inside the cabinet				
		• Twin door double wall construction				
		• Flussed type recessed handles				
		• Heavey-Duty knuckle barrel specially designed door hinges				
		• Recessed base frame with heavy duty GI construction and chemical resistant				
		• FRP/ 6mm thick phenolic resin HPL lining inside chemical storage cabinet				

		• PP/ phenilic resin compact leminate 16mm, tray for chemical storage cabinet				
		• Twin castors for eadsy removal of the cabinet				
		g) Accessories:				
		• Suitable dia duct damper in Poly Propylene construction with predrilled flanges on both sides, manual operation handle ans extended spindle, suitable motorised drive				
		• Scaffold grill In vertical rod design, fabricated out of 12.0 mm dia, epoxy rods having 150 mm pitch between two rods				
		• Ceiling enclosure panel in GI construction duly podwer coated.				
		etc complete as required as per drawings and arrangement approved by Engineer-in-charge.	26	Each	190557	4954482.00
2	MR	Designing Supply installation testing and commissioning of Ceiling mounted spot extractors with min 385 mm dia dome in PP construction suitable for being mounted above island benches with aluminium ceiling bracket (min 1200mm length, length may increase as per site requirement, nothing extra will be paid) with necessary provisions to connection with the exhaust duct and associate minor work etc complete as required as per site requirement.	72	Each	16494	1187568.00
3	MR	Designing Supply installation testing and commissioning of the PP FRP fabricated blowers suitable for 4 Nos 1800mm wide fume hoods (as in item no 1) and 12 Nos spot extractors (as in item number 2) with following specifications:				
		• MOC: PP+FRP				
		• Type: Direct Drive				
		• Impeller: FRP				
		• Casing: PP+FRP				
		• Motors: 7.5 HP, 3 phase, 1440 RPM, IE-3 motors, in non FLP construction				
		• Starter: DOL starter of suitable size for 7.5 HP 3 phase motor including connection etc complete	6	Each	119728	718368.00

		as required.				
4	MR	Designing Supply installation testing and commissioning of the PP FRP fabricated blowers suitable for 2 Nos 1800mm wide fume hoods (as in item no 1) and 3 Nos spot extractors (as in item number 2) with following specifications:				
		• MOC: PP+FRP				
		• Type: Direct Drive				
		• Impeller: FRP				
		• Casing: PP+FRP				
		• Motors: 3 HP, 3 phase, 1440 RPM, IE-3 motors, in non FLP construction				
		• Starter: DOL starter of suitable size for 7.5 HP 3 phase motor				
		including connection and associate minor work etc complete as required.	1	Each	74775	74775.00
5	MR	Designing Supplying, Fabricating and fixing of of PP+FRP round shaped ducting with isophalic resin in flanged connection and final color pigment as per user's requirement, including all the hardware and accessories, hanging arrangements, anchor fasteners, stud rods, connection with spot extractors and blowers, scaffolding, all necessary required wall openings and duly closing them, MS base frame, support frames and associate minor work etc as required.	675	Sqm	3385	2284875.00
					Total	9220068.00
					Say	9220068.00

// Contractor //

Executive Engineer (E)-II-HYD



Central Public Works Department

N.I.T. No: 86/EE(E)-II-Hyd/2026-27

Name of work:- SITC of Lab equipments (Fume Hood) for school of chemistry New Annex Building at University of Hyderabad Campus, Gachibowli, Hyderabad.

ABSTRACT OF COST

Name of the Contractor				
Sl.No.	Name of component	Estimated cost	Percentage above or below the estimated cost	% in Figures
1	Electrical	9220068.00		
	Grand Total			

Important Note:

1. The Estimated Cost Put to Tender has been worked out by DSR 2022 items and considering the Market Rates for NSR items.
2. The tenderer is required to quote a single consolidated Percentage only above/below Estimated Cost to cover all the rates of all the items. This column should not be left blank, otherwise the tender shall be treated as INVALID.
3. The Percentage shall be typed only in figures upto 2 (two) places of decimal along with algebraic sign.
4. The tenderer shall enable the macros before entering the figures, to see the quoted percentage and amount in words.
5. If the Percentage quoted both in words and figures are not clear, or if the rate is not quoted in Percentage, the offer will be treated as INVALID.

/ Contractor /

Executive Engineer (E)-II-HYD