

Tender No. IITH/PHY/JKUNDU/2019/T005

Date: 24 July 2020

To

Dear Sirs,

On behalf of the Indian Institute of Technology Hyderabad, Tenders are invited for “**SUPPLY, INSTALLATION AND COMMISSIONING OF A HIGH-PERFORMANCE COMPUTING (HPC) CLUSTER**” conforming to the specification given in Annexure.

**I) Instruction to the Bidder**

- (i) **Preparation of Bids:** - The tenders should be submitted under two bid system (i.e.) Technical bid and Financial bid. Both Technical Bid and Financial Bid should be sealed and clearly superscribed with Technical Bid/Commercial Bid (as applicable) along with the Tender No. and Due Date. Both Technical and Commercial Bid must be sealed inside a big envelope and superscribed Tender No. and Due Date clearly. Tenderer’s name must be written on all the three envelopes. All pages of the both the bids must be signed by the Authorized signatory of the Tenderer. The Earnest Money Deposit (refer point 3 of Schedule of Invitation of this Tender) in original must be submitted along with the Technical Bid.
- (ii) **Bid Validity-** Bid should be valid for a period of 90 days from the due date of Tender submission. Bidder should clearly indicate validity of the bid.
- (iii) **Delivery of the tender:** - The tender shall be sent to “**Stores & Purchase Office, 2<sup>nd</sup> Floor, Room No – 218 , Academic Block A, I.I.T Hyderabad, Kandi, Sangareddy- 502 285, Telangana State, India**” either by Post/Courier/By Hand so as to reach our office before the due date and time specified in our Schedule. The Institute shall not be responsible for any Postal/Courier delay.
- (iv) **Opening of the tender:** - The offer/Bids will be opened by a committee constituted for this purpose. The Technical bids will be opened first and it will be examined and evaluated by a Technical committee and give its recommendation about qualification/disqualification of Technical Bid. The financial bids will be opened only for the offer/bids of technically qualified bids. The bidders, if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate the tender opening. Only one representative will be allowed to participate the tender opening.



- (v) **Prices:** - The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However, the percentage of Taxes, Duties, Cesses etc. shall be clearly indicated. The price should be quoted without Customs Duty and Excise Duty, since I.I.T. Hyderabad is exempted from payment of Excise Duty (if applicable) and the Custom Duty will be paid at concessional rate against Customs Duty Exemption Certificate i.e. 5.5%. In case of import supply both FOB/FCA & CIF/CIP prices should be provided. All Payment, including Service Tax shall be made in accordance with the prevailing Taxation Rules/laws of Government.
- (vi) **Agency Commission:** - Agency commission if any will be paid to the Indian Agent in Rupees on receipt of the equipment and after satisfactory installation. Agency Commission will not be paid in foreign currency under any circumstances. The details should be explicitly shown in Tender even in case of Nil commission. The tenderer should indicate the percentage of agency commission to be paid to the Indian agent.
- (vii) **Terms of Delivery:** - The item should be supplied to our destination in case of local supply. In case of import supply, the item should be shipped only to Hyderabad Airport. The Installation/Commissioning should be completed as specified in our important conditions.

Yours faithfully,



(SURESH NAIR)  
Assistant Registrar  
IIT Hyderabad

For any technical query related to enquiry you may feel free to contact

Dr Jyojit Kundu Dept. of Physics

Email: [jkundu@iith.ac.in](mailto:jkundu@iith.ac.in)

For any commercial/administrative query related to enquiry you may feel free to contact

Mr. Suresh Nair, Assistant Registrar, Stores & Purchase, Ph: +91 (40) 2301 6071

Email – [ar.purchase@iith.ac.in](mailto:ar.purchase@iith.ac.in)

## Schedule for invitation of the tender

1. The due date for the submission of the Tender is on or before **“13<sup>th</sup> August by 14:30 Hrs”** on all working days except holidays. Tender Opening shall be held on **“13<sup>th</sup> August at 15:30 Hrs”**. If the Due Date is declared as Public Holiday, the next working day shall be treated as Due Date for Tender Submission and Tender Opening.
2. The offer/bids should be submitted in two bid systems (i.e.) Technical bid and Financial bid. The Technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid. The Technical bid and the financial bid should be put in separate covers and sealed. Both the sealed covers should be put into a bigger cover along with letter of EMD and to be sealed. The tender number and **“Tender for Supply, Installation And Commissioning Of A High-Performance Computing (HPC) Cluster”** should be superscribed on the left side of the outer cover.
3. Earnest Money Deposit (EMD): The tenderer should submit an EMD amount of Rs. 50,000/- (Rupees Fifty Thousand Only) along with the Technical Bid by way of original Bank Guarantee (BG) from any Nationalized/Scheduled Bank, valid for 90 days from the due date of tender submission as per format of BG given in Annexure II to this Tender Document. The EMD may also be submitted by way of Demand Draft drawn in favour of **“DIRECTOR, IIT HYDERABAD”**. The Technical Bid without EMD would be considered as summarily rejected. The EMD will be returned without any interest to the unsuccessful bidders within 30 days from evaluation of Tenders. EMD for successful bidder shall be returned after submission of Performance Security. Indian Agent may submit the EMD on behalf of their foreign Principal. If any firm withdraws/alters his submitted Tender after Due Date, the EMD shall be forfeited.

**Exemption from submission of EMD (Only for Quotations Submitted in INR Only)** Bidders registered with any of the following agencies/ bodies as per Public procurement policy for Micro & Small Enterprises (MSE) order are exempted categories from payment of EMD provided that the registration certificate issued by any one of these below mentioned agencies must be valid as on close date of tender. Micro small or medium enterprises who have applied for registration or renewal of registration with any of these agencies/bodies but have not obtained the valid certificate as on close date of tender are not eligible for exemption.

- i) Khadi and Village Industries Commission (KVIC)
- ii) National Small Industries Corporation (NSIC)
- iii) Any other body specified by Ministry of MSME/GOI

The exemption of EMD against the above certificates shall be subject to scrutiny by the IITH and if during scrutiny, it is found that the Certificate is invalid and/or irrelevant, then that bid is liable to be rejected as “not-accompanying EMD”. Therefore, firms claiming exemption from EMD should ensure the same carefully, while submission of the bids.

**Note:** If in the view of bidder, any exemption / relaxation is applicable to them from any of the eligibility requirements, under any Rules / Guidelines/ Directives of Government of India, bidder may submit their claim for the applicable exemption /relaxation, quoting the valid Rule/Guidelines/ Directives with a copy of such notification. In this case the bidder must submit necessary and sufficient documents along with the technical bid, in support of their claim. The relevant and valid certificates in support of claim of exemption must be submitted along with the Technical Bid.

4. Security Deposit /Performance Security

4.1 Within fifteen (15) days of the award of contract, the vendor shall furnish a Guarantee as Security Deposit amounting to 10% of the purchase order value in the form of Demand Draft/Bank Guarantee (from scheduled Bank only) favoring the Director, Indian Institute of Technology, Hyderabad.

4.2 IIT Hyderabad will forfeit the 10% Bank Guarantee if vendor fails to execute the order as per the Purchase Order.

4.3 The same Bank Guarantee submitted as Security Deposit will be extended as Warranty Bank Guarantee/Performance Security , hence should be valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.

5. If an Indian agent is involved, the following documents must be enclosed:

- a. Foreign principal's Proforma invoice indicating the Commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.
- b. Copy of the agency agreement with the foreign principal and the precise relationship between them and their mutual interest in the business.

6. The offer/bids should be sent only for a machine that is available in the market and supplied to number of customers. A list of customers in India and abroad with details is to accompany with the quotations. Quotations for a prototype machine will not be accepted.

7. Copies of catalogue of the quoted model duly signed by the principals must accompany the quotation. Documentary proof for the claimed position and repetition accuracies must be obtained from the principals and submitted along with the relevant pages of the standards.

8. Compliance or Confirmation report with reference to the specifications and other terms & conditions should also be obtained from the principal.



**9. Delivery Schedule:** - The tenderer should indicate clearly the time required for delivery of the item. In case there is any deviation in the delivery schedule, liquidated damages @ 1% per week (maximum upto 10% of PO Value) clause will be enforced or penalty for the delayed supply period will be levied.

**10. Risk Purchase Clause:** - In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.

**11. Payment:** - No Advance payment will be made. 90% Payment after Delivery and 10% after installation wherever installation is applicable. In case of import supplies the payment will be made only through Letter of Credit and 90% payment will be released against delivery and 10% after installation wherever the installation is applicable.

**12. Installation:** - The equipment or machinery has to be installed or commissioned by the successful bidder within 15 to 20 days from the date of receipt of the item at I.I.T. Hyderabad stores.

**13. Warranty/Guarantee:** - The offer should clearly have specified the warranty or guarantee period for the machinery/equipment. Any extended warranty is offered the same has to be mentioned separately.

**14. Late Tenders:** - Tenders received after Due Date and Time shall not be considered and shall be returned unopened in the original envelope only.

**15. Acceptance and Rejection:** - I.I.T. Hyderabad has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

**16. Disputes and Jurisdiction:** - Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Sangareddy in Telangana State.

**17. Amalgamation/Acquisition etc.:** In the event the Manufacturer/Supplier proposes for amalgamation, acquisition or sale of its business to any firm during the contract period, the BUYER/Successor of the Principal Company are liable for execution of the contract and also fulfillment of contractual obligations i.e. supply, installation, commissioning, warranty, maintenance/replacement of spares accessories etc. while submitting your bid, you may confirm this condition

**18. Acknowledgement:** - It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.



**SIGNATURE OF TENDERER**

**ALONG WITH SEAL OF THE**

**COMPANY WITH DATE**

## Supply, installation and commissioning of a High-Performance Computing (HPC) Cluster

## Annexure - A

## Technical pre-qualification for the bidders

Mandatory requirements for a bidder to qualify as a participant in this tender:

s.no	Technical pre-qualification criteria	Compliance Yes/No	Remarks
1.	<p>The bidder should have executed at least three projects using architecture and technologies similar to those being proposed in their quotation against this tender. In addition, the following condition should also be satisfied.</p> <ul style="list-style-type: none"> <li>● At least one installation of minimum 10 TF (Tera Flops) or</li> <li>● At least two installations of 7.5 TF or</li> <li>● At least three installations of 5 TF</li> </ul> <p>Note: All the mentioned peak value should be CPU only sustained peak performance ratings, which should be a cluster (more than one node with an interconnect). GPU Servers and Single servers will not be considered.</p> <p>Purchase order copies of the same must be submitted with the technical bid. The OEM or partner should have successfully executed projects at Government/ Public/ Private Research organizations /institutions performing scientific computation using High Performance Computing Clusters across the country within the last five years.</p> <p>Purchase order with final commissioning report with the mention of compute capacity and architecture details duly signed by customer should be submitted with the technical bid.</p>		
2.	<p>The Bidder should have the experience in building HPC Clusters in the global HPC Market since last 3 years with a logistics facility for the bidding OEM in India for easy access and availability of spares and to ensure the proper back-end support for smooth execution and post-sale support operations. Documentary proofs should be attached.</p>		
3.	<p>All warranty and support must be serviced directly by the OEM or should be from an authorized System Integrator Partner who is authorize to Support the product quoted. IIT-H requires that there be a Single Point of Contact (SPOC) from OEM/Vendor who is responsible for all issues between IIT-H and the OEM.</p>		
4.	<p>Bidder should be either an Original Equipment Manufacturer (OEM) or should be authorized System Integrator Partner having back to</p>		

	back Support Agreement with the OEM. Manufacturer's Authorization Form (MAF) for participating in this tender is mandatory for bidders and should be attached along with technical bid. The Bidder participating in the tender process should give the MAF confirming the bidder's authorization to participate in the tender with tender number and details.		
5.	Hardware and software warranty support requests to be handled and serviced directly by OEM/Bidder. OEM/Bidder should have required critical spares at local service center.		
6.	OEM/Bidder should have a local service center within the radius of 1000 Km from Hyderabad. The OEM/Vendor should have service engineers stationed at Hyderabad in the relevant field of quoted item.		
7.	The OEM/Bidder must have an India based support infrastructure by maintaining a local spares depot in the country. This is to ensure immediate delivery of spare parts from OEM to its channel partner/system integrator.		
8.	The complete proposed solution must have all encompassing comprehensive onsite advance replacement warranty of 5 years duration which includes hardware, software, firmware, software updates, etc., If the hardware replacement process takes more than two days, the bidder/OEM should provide a standby hardware till the replacement is made.		
9.	Products offered should have official OEM support (No EOL for three years) for the next three years from the date of acceptance of installation.		
10.	The entire HPCC solution proposed by the bidder/OEM should be offered with lowest power consumption for the given specification in the tender.		
11.	All quotations submitted must follow the prescribed format for technical compliance as in the document below. Failure to do will result in the quotation being summarily rejected. Soft copy of the technical bid document in excel format should also be submitted. Soft Copy should be provided in a read only format with CD/DVD.		
12.	One bidder can propose only one technical solution and the price bid for the same should be submitted. Quoting multiple technical solutions with multiple price bids will result in the quotation being summarily rejected.		

*Signature*

## Scope of Work

### Scope of work includes the following

Supply, Installation and Commissioning of a High Performance Computing Cluster (HPCC) as per the specifications below

### Technical Specifications

Specifications of the High Performance Computing cluster					
Mandatory Clause					
<p>a) All warranty and support must be serviced directly by the OEM or should be from an authorized System Integrator Partner who is authorized to Support the product quoted. IIT-H requires that there be a Single Point of Contact (SPOC) from OEM/Bidder who is responsible for all issues between IIT-H and the OEM.</p> <p>b) All the hardware and software deployment will be in vendor's scope of work and vendors need to install open source software required by the end user at the time of deployment.</p> <p>c) The Compute nodes should be in denser rack form factor designed for cluster solution.</p> <p>d) The entire computer nodes must be factory integrated, tested, validated and certified in the bidder/OEM site. No on-site or local assembling of the system at IIT-H site is allowed. Only rack-mounting, OS and application installation is allowed on-site.</p>					
Mandatory items					
Computer Hardware			Make/Model/Remark to be filled by the Vendor		
S.No	Description	Qty	Make & Model	Compliance Yes/No	Remarks
1	Master + Storage Node	1			
<p>Master node should have minimum 16 Intel Xeon Cascade/AMD EPYC Rome CPU Cores with minimum clock speed of 2.1 GHz or better with sustained real time peak of 0.32 Teraflops (TF) or better having minimum 12 GB DDR4 ECC RAM per core or better in a fully balanced configuration. Along with CPUs, the node should have the following configurations or better</p>					
	2 x 960 GB Enterprise SATA SSD configured in RAID 1				
	10 x 10 TB 7.2K RPM Enterprise SATA Hard drive configured in RAID 5 with one hot spare.				
	1 x 2GB RAID Card supporting RAID Levels 0,1,5,6 and 10.				
	2 x 1 G Ethernet Ports				



	1 x IPMI 2.0 or equivalent with KVM and media over LAN features				
	Form factor - 2U or better full width server form factor with sliding rack mount kit and peripherals				
	80 Plus platinum or better redundant power supply with IEC C13 to IEC C14 cables				
<b>2</b>	<b>Compute Nodes</b>	<b>4</b>			
<p>Each compute nodes should have minimum 52 or better Intel Xeon Cascade lake/AMD EPYC Rome CPU cores with a minimum clock speed of 2.1 GHz having a real time sustained peak of 2.1 TF or better having minimum 96 GB DDR4 ECC RAM per node or better in a fully balanced configuration. The linpack output of a single node should be submitted along with the technical bid. Along with the CPUs, the node should have the following configurations or better.</p>					
	1 x 120 GB Enterprise M.2/SATA SSD for operating System				
	2 x 1 G Ethernet Ports				
	1 x IPMI 2.0 or equivalent with KVM and media over LAN features				
	Form factor - 2U or better with half width servers in a chassis with sliding rack mount kit and peripherals				
	80 Plus platinum or better redundant power supply with IEC C13 to IEC C14 cables				
<b>3</b>	<b>Networking/Interconnect - 24 Ports fully non blocking 1 G Copper Ethernet Switch with required Ethernet cables for computer and management connectivity</b>	<b>2</b>			
<b>4</b>	<b>Fully Automated System Provisioning</b>	<b>1</b>			
	Operating System - CentOS/Debian latest stable version				
	Clustering Tool kit - XCAT open source				
	Scheduler – SLURM (partitions needs to be configured according to user requirements)				

	Monitoring/Admin tools - Ganglia, Nagios, Gold accounting, PDSH, PDCP, automated emails, usage report generations, etc.,				
<b>5</b>	<b>Software</b> - Open Source HPC software required by the end user should be installed. Software support should be provided till the end of warranty period				
	Benchmarking – As a part of commissioning, the supplier should run the user provided codes and provide the satisfactory results of the same.				
<b>6</b> 6.1	<b>Warranty and Support</b> - Five years onsite comprehensive advance Hardware replacement warranty and software support	<b>5 years</b>			

	If IIT-H requests for OS/software upgrade due to their functionality requirements, the bidder/OEM should reinstall/Upgrade the OS and clustering tools and benchmark the cluster and re-commission the HPCC at any point of time during the warranty period at no cost to purchaser.				
	Training for general system administration with documentation including tasks such as user/node management, installation/upgrade, queuing system management and file system management.				
	One L3 level trained personnel should be available to help either remotely (8.00 AM to 5.00 PM, 6 Days a week) or NBD onsite for technical support for administration/maintenance (both software and hardware levels) of HPC.				
	OEM/Vendor should not change the support engineers assigned to this any tickets before the ticket completion without IIT-H IT in-charge knowledge.				
	Vendor/OEM engineer should visit IIT-H every 120 days and carry out proper hardware & software health check of HPC cluster and submit report of the same to the IT in-charge.				
	Vendor will be responsible to protect user data during any maintenance in the warranty period.				

	The OEM/Bidder should have automated ticketing system with a dedicated helpdesk email account which is regularly monitored and it should be available to IIT-H users.				
	An escalation matrix for issues not resolved by the support personnel, with an expected time line, should be clearly mentioned.				
	The person should have enough experience to handle cluster hardware and software troubleshooting to resolve the problems faced by the users. This should include fine tuning of the scheduler's various capabilities.				
	The person should be able to produce required status report of the cluster when asked using the software installed in the cluster to manage it.				
	Faulty parts should be replaced by NBD (Next Business Day).				
6.2	<b>Documentation</b>				
	<ul style="list-style-type: none"> <li>● Step by step installation guide for node configuration from scratch.</li> <li>● When handing over the cluster the vendor should provide the full design of the cluster installation including the electric connections, network connections, user manual clearly explaining how to use the cluster.</li> </ul>				
6.3	<b>Terms and conditions:</b>				
	Any item not specifically mentioned in the specification but is required for successful implementation of the HPC solution (in the opinion of the vendor) must be brought to our notice and quoted accordingly.				
	The entire solution should fit in a 19" standard IT Rack.				
	At the time of installation, if it is found that some additional hardware or software items are required to meet the operational requirements of the configuration, but not included in the vendor's original list of deliverables, the vendor shall supply such items to ensure the completeness of the configuration at no extra cost.				
	IIT-H reserves the right to increase or decrease the quantity of the items.				
	<b>In case of future expansion/upgrade of the the quoted clusters, the Bidders should cooperate and provide support to IIT-H the expansion or</b>				

	<b>upgrade of the cluster like adding additional nodes, GPUs to the existing setup supplied by the bidder.</b>				
	Delivery period should be within 8 weeks from the date of purchase order. Once delivered to onsite, the installation, commissioning and acceptance testing period will be within 2 weeks from the date of delivery of equipment.				
	The vendor immediately after the award of the work shall prepare a detailed plan of installation as proposed to be followed by placement of the equipment, etc.				
	All vendors participating in this tender must visit the IIT-H site for a complete site survey and also meet with the IIT-H IT team in the pre-bid meeting for detailed discussions and clarifications, if any.				
	The installation should be done by trained engineers for HPCC stack followed by comprehensive user training.				
	Installation and integration of all supplied hardware and software shall be done by the vendor. The vendor shall install and configure all required hardware and software suites, including but not limited to racking and stacking, Cluster networking, Configuring all nodes, Execution and submission of jobs, Installation of compilers (with flags for optimization) and applications, Configuration of environment variables and license utility configuration.				
	Entire installation should be done at the proposed site only. Remote control of network will not be given till the commissioning of the HPCC.				
	Give all model numbers of master nodes, compute nodes, hybrid nodes, storage nodes, Network switch model, Accelerator card details (if any), maximum number of port in IB/OPA switch (if any) and how many ports populated. The OEM part code of all the equipment / devices proposed should be provided with the technical bid.				
	Provide case logging procedure for both hardware and software failure.				
	OEM/Bidder is responsible for all performance benchmarks and the quote should contain an undertaking certifying the same from the OEM/Bidder.				
	As a part of the acceptance test, the IIT-H team will check all the software mentioned above, for at least 3 days. IIT-H teams will cross-check benchmarking and all other tests based on our				

	input files in the fully offered solution. Apart from this, the bidder has to run and submit Linpack, Lapack, Scalapack benchmark results to the IIT-H team.				
	All LAN cabling should be done on-site as per the length required using CAT6. All cabling should be done to provide efficient air circulation and should not block any air circulation behind the servers. Different colors of cable for computing and management should be used.				
	Please specify the heat dissipation (in BTU) and max power consumption of each component when configured with the above configuration. The bidder has to visit the installation site and provide the plan, cluster rack arrangement and cooling requirements for hosting the HPCC in the given place.				
	All the required CAT6 Patch cables should be branded (ISO/IEC 11801) and it should be molded cables. It should withstand the heat produced at the back of servers.				
	Supplier should have direct system integration (SI) with the OEM whose product the vendor is quoting for. The bidder should have a back-to-back agreement with the OEM to supply and support the OEM's product and solution in India.				
	Itemized price list of each hardware item, software bundle and service and warranty to be given separately and clearly.				
	IIT-H requires that there be a Single Point of Contact (SPoC) directly from OEM who is responsible for all issues between IIT-H and the OEM/partner who executes this project.				
	<p><b>Service Level Agreement:</b> SLA of 98% of uptime within 24 hours reporting onsite, failing which penalty will be applicable based on deviation.</p> <p>The bidder has to ensure that the solution proposed delivers an uptime of 98% of the entire system on a yearly basis and minimum of 92% on a monthly basis. Every percentage of uptime below 98% on a yearly basis will incur 0.1% of the total cost of this tender. In the event of failure of any of the subsystems or components of the proposed solution, the bidder has to ensure that the defects are rectified within two full working days. All these conditions need to be satisfied. Any delay in servicing node(s) beyond 3 days will incur a penalty of 0.2% of the total cost of this tender per day of delay. Any delay in storage or any of its</p>				

	subsystems not working beyond 24 hours will incur a penalty of 0.2% of the total cost of this tender for every completed 24 hours.				
	Bidder should install and accommodate the entire solution in a provided rack.				
	Entire solution to be implemented in 12 week's time line. Delay in delivery will have penalty. IIT-H reserves the right to cancel the order if it is not deployed even after that.				
	Delay due to IIT-H will not be considered for computing penalty.				

*Aravind*

**Financial Bid**

IIT-H Enquiry No & Date: \_\_\_\_\_

Due date: \_\_\_\_\_

Bidder's Quotation Ref No. & Date: \_\_\_\_\_

All the Bidders should quote their offer in the following format for uniformity.

**Mandatory Items**

S.No.	Item Description as per tender	Qty.	Rate per unit (Currency)	Basic Cost of main item (In Currency)
A. 1.	Master + Storage Node	1 No.		
2.	Compute Nodes	4 No's		
3.	Networking/Interconnect - 1 No of 24 Ports 1 G copper Ethernet Switch with required cables	2 No's		
B.	Ex-Works cost (Duly packed Airworthy/Seaworthy of international standard)			
C.	FOB /FCA Cost (Name of Airport_____)			
D.	CIP/CIF Cost (Upto Hyderabad Airport) (all inclusive i.e. Cost of Goods, Packing, Insurance, Inland transportation, freight etc.)			

**Note:**

1. All the column should be appropriately filled and not left blank.
2. Do not include any other charges, taxes, duties etc. in the Basic Cost of the item.
3. Any accessories, optional items should be shown separately using above format.

4. Use separate sheet for detail description, specification of the item, but prices should be quoted in same format.
5. Prices quoted in Indian Currency should be on F.O.R. basis and mentioned separately using different table format showing all the applicable taxes/Duties like GST, Freight & Transportation charges and installation charges etc.
6. IIT Hyderabad being educational & research institute, discounted price shall be offered.

**Signature of the Bidder**





Indian Institute of Technology Hyderabad, Kandi, Sangareddy- 502285

**BANK GUARANTEE FORMAT FOR FURNISHING BID SECURITY (EMD)**

Whereas ..... (hereinafter called the "tenderer") has submitted their offer dated.....for the supply of ..... (hereinafter called the "Tender") against the Purchaser's tender enquiry No. ....KNOW ALL MEN by these presents that WE.....of ..... having our registered office at..... are bound unto .....(hereinafter called the "Purchaser) in the sum of .....

for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its 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 the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
  
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity: -
  - a) If the tenderer fails to furnish the performance security for the due performance of the Contract.
  - b) Fails or refuses to accept/execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the purchaser (IIT Hyderabad) having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it is due to it owing the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force up to and including 45 days after the period of tender validity and any demand in respect thereof should reach the bank not later than the above date.



Signature of the authorized officer of the bank

Name and designation of the officer

Seal, name and address of the Bank and address of the Branch.

A handwritten signature in blue ink, appearing to be "Omer" with a flourish underneath.