INDIAN INSTITUTE OF TECHNOLOGY
(INDIAN SCHOOL OF MINES), DHANBAD

Notice Inviting Tender (NIT) in Two-Bid System
For
Supply and Installation of High End Server, Chasis for High End Server, Interconnect Cables etc.

Tender No.: **CSE-PRJ-347-18-19**
Date: 30-01-2019

Bid Submission deadline: 25.02.2019, 1:00 P.M.

Assistant Registrar (P&S)
Indian Institute of Technology (Indian School of Mines), Dhanbad
P.O. – Indian School of Mines (I.S.M.)
DHANBAD –826004 (INDIA)
www.iitism.ac.in
GSTIN : 20AAAAI0686D1ZA

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CHAPTER 1
Instructions to Bidders

IIT (ISM), Dhanbad was formerly known as Indian School of Mines (ISM) and was a Deemed University before it got converted into an Institute of National Importance under the Institutes of Technology (Amendment)Act, 2016 passed by the Parliament of India and got the assent of President of India. The Indian School of Mines, now IIT (ISM), Dhanbad, was formally opened on 9th December 1926, by Lord Irwin, the then Viceroy of India to address the need for trained manpower related to mining activities in the country with disciplines of Mining and Applied Geology. In 1967, it was granted the status of a deemed to be university under Section 3 of UGC Act, 1956 and it was renamed as Indian Institute of Technology (Indian School of Mines) in 2016. It started as an institution to impart mining education, and today, has grown into a technical institution with various academic departments.IIT(ISM) is located in the mineral-rich region of India, in the city of Dhanbad in the state of Jharkhand. It is the third oldest institute [after IIT Roorkee and IIT (BHU) Varanasi] which got converted into an IIT.

IIT (ISM), Dhanbad intends to procure the equipment "High End Server, Chasis for High End Server, Interconnect Cables etc." to enrich its teaching and research facility at Dhanbad.

Reputed manufactures or authorized distributors are invited to submit their bid for "Network switches and other related items" for IIT (ISM), Dhanbad as per this tender document in a Two-Bid System: - (a)Techno-Commercial (also termed as technical bid) bid (Part-1) consisting of all technical details of the item along with commercial terms and conditions, Tender Fee and EMD and (b) Price bid (Part-2) indicating price for their items mentioned in the technical bid. All instructions and terms and conditions must be followed, failing which bid(s) will liable to be rejected.

INSTRUCTIONS

1. Offer should be submitted under TWO-BID system in two separate sealed covers i.e. "Techno-commercial bid" and "Price bid".

2. Tender Number and tender submission deadline must be clearly mentioned on the top of the envelope.

3. Bidder(s) must submit PAN given by Income Tax authorities, TIN/ GSTIN and copy of PAN / TIN with the bid.

4. The offer must be submitted in **Two-Bid**. Tender should be dropped in the tender box kept in the office of **Assistant Registrar (Purchase & Stores), IIT (ISM), Dhanbad– 826004 (Jharkhand, India)** only. Bids may be submitted by Speed Post / Courier in sealed cover only, but IIT(ISM), Dhanbad will not accept such bid if delivered/submitted to the office of the Deputy Registrar (Purchase & Stores section), IIT (ISM), Dhanbad after the submission deadline and such bids will be

treated as Late bids / non-responsive bids. It will be the sole responsibility of the bidders that their bid should be submitted/ delivered as per bid submission deadline. IIT (ISM), Dhanbad will not be responsible for any delay or transit loss or late delivery of bids to the office of the Deputy Registrar. No Tender is to be handed over to any staff of IIT (ISM), Dhanbad personally. All bids / correspondences should be sent to the following address only: "Assistant Registrar (P&S), IIT (ISM), Dhanbad, P.O. – Indian School of Mines (ISM), DHANBAD – 826004 (Jharkhand, India)". Bids sent through Email/Fax or submitted in unsealed cover(s) will not be accepted and such bids will be treated as non-responsive bids.

5. Bid(s) must be sent sufficiently in advance so that it reaches the institute on or before the submission deadline. Bid(s) received after the submission deadline will not be considered.

6. Bid document(s) and all enclosures must contain the signature and seal of the authorised representative of the bidder.

7. The bidder quoting for item(s) as per this tender should be the registered to provide the item/services with the appropriate government authority. Copy of registration certificate should be enclosed with the tenders (part-1). Offers submitted without proper registration certificate shall be rejected summarily.

8. The bidder quoting for item(s) as per this tender should be the registered to provide the item/services with the appropriate government authority. Copy of registration certificate should be enclosed with the tenders (part-1). Offers submitted without proper registration certificate shall be rejected summarily.

9. The Bank/RTGS detail on the letter-head of the bidder(s) must be submitted along with the tenders (part-1). A copy of the cancelled cheque should also be attached.

10. Name and PAN/Voter Card No. /Aadhar No. of the authorized signatoryof the bidder(s) must be mentioned in the Form.

11. A copy of PAN/Voter Card/Aadhar Card of the authorized signatory of the bidder(s) must be attached with the Form

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CHAPTER 2
Terms and Conditions

The offer must comprise of the following, failing which it will be treated as non-responsive bid hence will be rejected:

1. The bids under Two-Bid System will consist of two parts as per following details:- **a)**Techno-Commercial bid (Part 1) consisting of all technical details along with Commercial terms and conditions and EMD (Earnest Money Deposit), in the form of two separate Demand Drafts issued from any Nationalized / Scheduled commercial bank in favour of "Registrar, IIT (ISM), Dhanbad" and payable at "Dhanbad (Jharkhand, India)", and **b)** Price bid (Part 2) indicating price for the items / services mentioned in technical bid (part-1). In stage-one, only the Techno-Commercial (Part 1) shall be opened and evaluated. In stage-two, the Price bids (Part 2) of only the technically qualified and acceptable offers will be opened, for further evaluation.

2. Sealing and Marking of Bids:

   a) The Techno-Commercial bid (Part 1) must be sealed in a separate envelope (ENVELOPE-ONE) with EMD in the form of two separate Demand Drafts, duly super-scribed as "**Techno-Commercial Bid (Part 1),Tender No.: CSE-PRJ-347-18-19, Submission Deadline: 25.02.2019**" as per following details: -

   EMD: Rs. 65000/-

   b) The Price bid (Part 2) should be sealed in separate envelopes (ENVELOPE-TWO), duly super-scribed as "**Price Bid (Part 2), Tender No.: CSE-PRJ-347-18-19, Submission Deadline: 25.02.2019**".
   c) The above TWO separate sealed envelopes are to be put in a bigger envelope (ENVELOPE-THREE), which should also be sealed.
   d) Each of the above THREE envelopes MUST be super-scribed with "**Bid for Supply and Installation of High End Server, Chasis for High End Server, Interconnect Cables etc. against Tender No.: CSE-PRJ-347-18-19, Dated 30-01-2019, Submission Deadline: 25.02.2019**".

3. The bids must be neatly typed/computer printed. Hand written offer will be rejected. Bids must carry the numbers of GSTIN Registration No. Bids must be in sealed envelope.

4. All relevant technical specifications/details of offered items, drawings, printed technical leaflets, and commercial details which are necessary to ensure that offer is complete in all respects should be attached with the technical bid documents.

5. A 'Compliance Statement' along with a certificate and duly signed that the tenderer satisfies the technical requirements given as per Form. The said statement should be in a tabular form with the columns: sl. no., (2) technical requirement as per NIT; (3) what is offered by the tenderer; and (4) status of compliance: Complied/Not complied).

6. IIT(ISM) does not bind itself to offer any explanation to those bidders whose Technical Bids have not been found acceptable by the Evaluation Committee of the Institute.

7. Following documents have to be furnished by the bidders with the technical bids (part-1):
    (a) Self attested copies of credentials in support of capability to undertake the supply/work.
    (b) Technical literature/catalogue with the detail specification of the material
    (c) Satisfactory performance certificate from their customers for same/similar supply/service must be enclosed alongwith the technical bid.
    (d) A copy of this tender document must be signed and sealed on all pages by the bidder(s) accepting the instructions and terms & conditions of the NIT and must be attached with the bid.

8. Price should be quoted as per attached price schedule. The packing, forwarding, freight and transit insurance charges, if any, must be included in the price and should not be claimed separately. Duties & taxes, if applicable, are to be shown separately clarifying whether those are extra or included in the price. Educational discounts, if any, should be mentioned clearly. Justification of the price quoted must be provided with the Price Bid. For this, Price List of the OEM and purchase order of govt. organizations / IITs/ NITs/ CSIR Labs / ISRO labs etc. should be attached. Price bids of only technically qualified tenderers shall be opened in on a pre-notified date and time. Decision of IIT (ISM), Dhanbad in this regard will final and binding by all the bidders.
    a) The comparison between the indigenous and the foreign offers shall be made on FOR destination basis and CIF/ CIP Kolkata basis respectively. However, the CIF/ CIP price quoted by any foreign bidder shall be loaded further as under:
    b) Towards custom duty, IGST and other statutory levies, custom clearance, inland transportation, currency fluctuation etc. – 15% of the CIF/ CIP Kolkata value.

9. IIT(ISM), Dhanbad is entitled for Excise Duty Exemption under Govt. of India notifications and is registered with DSIR, Govt. of India for this purpose. This may be taken into consideration while quoting minimum possible rate. Exemption Certificates can be issued in favour of manufacturers only, if it is mentioned in the bid. It will not be issued any Indian Agent/dealer or distributor at any circumstances. IIT(ISM) will provide only custom duty exemption certificate for availing concessional custom duty. IIT(ISM) will not pay any extra custom duty other than duty exemption certificate.

10. IIT (ISM), Dhanbad does not issue form 'C' or 'D' for concessional Sales tax/VAT. Hence, full rate of sales tax as applicable to educational institutions against the form of certificate should be indicated.

11. Bid Security or Earnest Money Deposit (EMD):- Required Amount for EMD must be submitted in the form of Demand Draft issued from any Nationalized/Scheduled commercial Bank in favour of Registrar, IIT (ISM), Dhanbad payable at Dhanbad with the bid (part-1). Bid received without EMD in part-1 (techno-commercial bid) will be rejected. It must not be clubbed with Tender Fee. No interest will be payable by IIT (ISM), Dhanbad on the Earnest Money Deposit. The earnest money of all the unsuccessful bidder(s) will be returned to the respective bidder(s) through bank / RTGS transfer without any interest within 60 (sixty) days only after placing the order / awarding the contract. The Earnest Money of successful bidder(s) shall be returned on receipt of Performance Security (Performance Bank Guarantee / PBG) as mentioned in this tender document. If the successful bidder(s) fails to furnish the performance security or fails to deliver/provide the item/installation/service as per the order's terms and conditions within stipulated period, the earnest money shall be liable to be forfeited by IIT (ISM), Dhanbad. An undertaking to this is to be submitted.

12. EMD must be in the separate Demand Drafts.

13. **Performance Security or Performance Bank Guarantee (PBG):-** The successful bidder(s), on whom order will be placed, has to submit a performance security of 10% of the total order value at the earliest as per PO terms before release of any payment. Performance security has to be submitted in the form of Bank Guarantee/Demand Draft/FDR from any Nationalized/Scheduled commercial Bank in favour of the Registrar, IIT (ISM), Dhanbad. Performance security should remain valid for a period of two months beyond the date of completion of all contractual obligations of the successful bidder(s).No interest will be payable by IIT (ISM) Dhanbad on the Performance Security deposited. In case the contractor fails to provide satisfactory service, the Performance Security submitted by the bidder(s) is liable to be forfeited. An undertaking to this is to be submitted.

14. **Validity Period: -** The validity period of the tender should be clearly specified. It must be at least for **240(Two Hundred Forty) days** from opening of bids.

15. Delivery Period and Liquidated Damage: As time of the essence for this procurement, hence the ordered materials/work complete in all respects are required to be delivered and installed within the period stipulated in the purchase order failing which liquidated damages of 1% per week for the delayed period subject to maximum of 5% of the total value of the order shall be deducted from the invoice of the supplier. Earliest/ expected delivery period should be clearly indicated. Packing should be suitable for 'Air freight'.

16. Inspection: Inspection shall be carried out at IIT (ISM), Dhanbad after arrival of the materials and decision of the Institute in this regard shall be final.

17. Rejection and Replacement: Rejection, if any, shall be notified to the supplier within 30 days of receipt and inspection of the material/workmanship. Rejected materials/work is to be removed by the supplier at his own risk and cost from IIT (ISM). Campus within 14 days of intimation of rejection. Defective Supplies are required to be replaced within 15 days of the removal of the rejected materials/work.

18. Risk Purchase: IIT (ISM) shall be at liberty to realize from the supplier the differential amount, if any, which it shall have to incur on purchase of the material/work at higher price(s) from elsewhere in the market, if the supplier, due to their fault, fails to supply the ordered quality and quantity of the material/work within the stipulated time.

19. Conditional offer will not be accepted.

20. Payment: Any payment may be released through RTGS / online payment mode against complete execution of the purchase order (PO) and submission of all the required documents as per the order within 30-45 days after satisfactory supply, inspection, installation/commissioning & acceptance and on submission of pre-receipted tax invoice, delivery challan, warranty certificate and installation report in triplicate and Performance Bank Guarantee, followed by its verification.

21. Advance payment or part payment will not be released. Any bid having condition of advance payment or part payment will be treated as non-responsive bid.

22. Country of origin and port of shipment must be stated in the technical bid itself in case of foreign supply. Any change at later stage will not be accepted.

23. Name and address of Indian Agent, percentage of agency commission, if any and role of the Agent with respect to the subject supplies and a statement thereon that "Agency Commission is included in the bid.

24. Payment will be released through bank/ RTGS/Wire transfer. The payment will be released after statutory deductions and compensation of delay / liquidated damage (LD) / late delivery etc., if any.

25. Any payment will be released only after satisfactory completion of the work/installation and after submission the certified bill(s) / invoice(s).

26. All communications are to be addressed to the Registrar, IIT (ISM), Dhanbad quoting the Tender No. and Date.

27. IIT (ISM), Dhanbad reserves the right to accept or reject or cancel any or all tender notice or bid(s) or order(s) at any stage without assigning any reason thereof.

28. For any dispute, the place of jurisdiction shall be Dhanbad (Jharkhand, India) only.

29. It will be the sole responsibility of the bidder(s) that its bid should reach on or before the submission deadline to Registrar, IIT (ISM), Dhanbad.

30. **Governing Law:** The order, placed, will be the contract between the successful bidder(s) and IIT (ISM), Dhanbad and shall be governed by the LAWS of India and under the contract shall be taken by the parties only in Dhanbad (Jharkhand, India) to competent jurisdiction.

31. Bid(s) shall be submitted in official tender form / format only. If submitted in any other form / format, the same shall be rejected. No paper shall be detached from the tender. All pages must be numbered properly and there must be seal and sign of the bidder(s) on all the pages of its bid.

32. The name and address of the bidder(s) shall be clearly written in the space provided and no overwriting, correction, insertion shall be permitted in any part of the tender. The tender should be filled-in and submitted in strict accordance with the instructions laid down herein; otherwise the bid is liable to be rejected.

33. The bid is liable to be rejected if complete information is not given therein, or if the particulars and data (if any) asked for in the Schedule to the tender are not filled-in properly.

34. The successful bidder(s) will indemnify IIT (ISM), Dhanbad, in case of any damage or liability, which may arise on account of any act or omission directly/indirectly attributable to the bidder(s).

35. Dispute, if any arising out of providing the said service(s) shall be settled mutually or arbitration by sole Arbitrator to be appointed by the Registrar, IIT (ISM), Dhanbad at Dhanbad as per the provisions of the Indian arbitration and Conciliation Act, 1996 and the Rules framed there under. The award passed by the said sole Arbitrator, will be binding upon the parties. The arbitration proceedings shall be held at Dhanbad only.

36. The successful bidder(s) shall ensure that its authorized representative should be present at the time of any discussion at IIT (ISM), Dhanbad regarding the bid, for which no any kind of TA/DA/boarding/lodging will be facilitated by IIT (ISM) Dhanbad.

37. The schedules of items/services are required as per Chapter-4 of this tender. Bidder(s) must clearly indicate in its tenders, the different taxes and duties which they propose to charge mentioning clearly the present rate(s) thereof with appropriate reference. Vague offer like "duties as applicable" shall not be considered.

38. Price should be quoted at Price Bid (Part-2) (Chapter – 5 of this tender) only for the item(s)/services as mentioned at Chapter – 4 of this tender. The required item(s)/services to be delivered / provided on or before the dead line as per purchase order.

39. The bidder(s) should be registered with VAT, CST, SST, Income Tax, service tax authorities, GST etc. and to enclose the copies of the relevant certificate along with the technical bids. The agency must be authorized by appropriate government authority to deliver the items/services at the IIT (ISM) Dhanbad.

40. The successful bidder(s) will ensure that its employees/staff/personnel would strictly follow all the security instructions and rules and regulations of IIT (ISM), Dhanbad during their visit in the campus.

41. If the successful bidder(s) commits breach of any of the above or Order's terms and conditions or is not able to deliver the item / provide the services / complete the work on time, the contract will be cancelled and security deposit shall be forfeited and a damage liability at the discretion of IIT (ISM), Dhanbad will be imposed on the bidder(s).

42. Bills / Invoices raised by the bidder(s) will be subject to applicable statutory deductions including T.D.S.

43. Necessary corrigendum(s), if required, will be issued at any stage, which must be acceptable to the bidder(s). Any corrigendum will be published on our website www.iitism.ac.in only. Bidder(s) must be in touch with our website www.iitism.ac.in for corrigendum(s). It will be sole responsibility of the bidder(s) that they will go through the corrigendum(s) published, if any, on our website www.iitism.ac.inand submit its tender accordingly.

44. Shortlisted bidder(s) may be called for presentation / demonstration / meeting at IIT (ISM), Dhanbad office with a short notice. Request from the bidder(s) to change the date and time of presentation / demonstration / meeting will not be accepted. If the bidder(s) will not attend for the same, then their bid(s) will be treated as non-responsive and hence the bid(s) will not be considered for further process.

45. Price bids will be opened for those bidder(s) who are shortlisted and declared as technically qualified bidder(s) by the Committee of the IIT (ISM), Dhanbad. In this regard, decision of IIT (ISM), Dhanbad will be final and binding to all the bidder(s).

46. Please note that no part shipment/transshipment/third party shipment is acceptable to us.

47. Submission deadline / last date& time for submission of the bids and date & time for opening of the same are given in this bid. The bids will be opened as per IIT(ISM) rules. Authorized representative of bidders having authorization letter, a govt. issued ID card and an employment ID card issued by the bidder may present during bid opening at their own discretion. In case of submission deadline / last date or bid opening date is a holiday/declared as a holiday, then next working date will be the submission deadline / last date for submission/ opening of tender. Submission deadline or bid opening date& time will not be changed upon any request from the bidder side. However, it may be changed as per IIT(ISM) rules. In this regard, decision of the IIT (ISM), Dhanbad will be final and binding to all the bidders.

48. For the items / services, the bidders must ensure the required quality, quantity, materials, dimensions & other parameters and quote accordingly. In case items / services provided are not same as quoted/ordered, the claim for payment shall not be accepted. No payment, claims for such items / services shall be released. In this regard, decision of IIT (ISM), Dhanbad will final and binding to the bidders.

49. IIT (ISM), Dhanbad at its discretion may change the quantity/quality/parameters/upgrade the criteria/drop any item(s) or part thereof at any stage. In case of any dispute, the decision of IIT(ISM) shall be final and binding on the bidders/ tenderers.

50. IIT (ISM), Dhanbad reserves the right to accept or reject any or all the bids in part or in full without assigning any reason and does not bind itself to accept the lowest bid. The decision of the competent authority of IIT (ISM), Dhanbad will be final and binding to the bidder(s).

51. All the bidders, those are interested to participate in this bid, must have to submit the technical specification of their bid in MS-Word Format in a CD with the technical bid. The CD must be marked with the NIT No. and submission deadline.

52. Professional(s) to be deployed by the successful bidder(s) for the supply of the item / installation / execution of the work in order to provide the item(s) /service(s) as per order must be well qualified.

53. Supply, Installation, Service and 3 years Onsite Support Charges as per NIT of all the aforementioned items.

54. Entire work will be on Turnkey Basis.

55. The lowest bidder will be decided depending on the grand total, quoted for 5 years including additional Charges for Warranty, Services and Maintenance for 4th and 5th years.

56. Warranty of all active and passive components must be for 3 years.

57. The materials to be quoted with all accessories required including 1 no. 42U Server Rack of 1200mm depth with PDU (2 nos.) to be supplied by bidder. All above materials to be supplied and installed on turnkey basis.

58. Minimum Technical Specifications/Requirements as per Annexure-1.

59. Bidder must submit duly filled Compliance Statement given in Annexure-3.

60. Provision of UPS Power Outlets near the Rack end would be provided by IIT (ISM).

61. Necessary hardware or passive components required for full proof deployment are to be provided by the bidder.

62. The bidder must be OEM or must have authorization from OEM. OEM and Bidder should be in the same business for at least 5 years and should be present in India for minimum 5 years.

63. The bidder must provide the certificate for successful installation of the similar items in India.

64. Bidder must install the server and all active and passive devices and integrate with existing LAN/Network.

65. Bidder must specify the power requirement for successful deployment of the aforementioned items.

66. Bidder must provide the complete installation report in both hard and soft copies.

67. The bidder shall be responsible for providing all materials, equipment's and services specified herein or otherwise which are required to fulfill the intent of ensuring operability, maintainability, and reliability of the complete equipment's covered under this tender within bidder's quoted price. The bidder may quote and include in their bill of quantities any components, which they deem are necessary for successful implementation of the project.

68. Bidder has to deploy the policies as per the IIT(ISM) authority instructions.

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CHAPTER 3
Schedule of Requirements

Description	Details
NIT No.	**CSE-PRJ-347-18-19**
Date of Tender	**30-01-2019**
Bid submission deadline	**25.02.2019, 1:00 P.M.**
Date of opening of the bids (technical part-1)	**25.02.2019, 3:00P.M.**

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CHAPTER 4
Specification and allied technical details

Sl. No.	Complete Description of Items (Specification Model, Catalogue No.) Use separate sheet if required		Quantity Required
1	High End Blade Server (Specification attached herewith – Annexure-1)		1 No.
2	Chasis for High End Server (Specification attached herewith Annexure-1)		1 No.
3	Interconnect Cables /Accessories /Modules (compatible with item 1 and 2) (Specification attached herewith Annexure-1)		1 No.
4	RHEL 7.0 or latest 2 sockets for 5 years		1 No.
5	Windows Server 2016 or latest for 16 Cores for 5 years		1 No.
6	VMWare/ Vsphere 1P 5 years of License		2 Nos.
7	Additional Charges for Warranty, Services and Maintenance	For 4th year	1 No.
		For 5th year	1 No.

MINIMUM TECHNICAL SPECIFICATIONS / REQUIREMENT

1. HIGH END BLADE SERVER

Sl. No.	Items	Details of Minimum Requirement Specifications
1	CPU	Latest Generation Intel Sky lake x86-64 Bit, Populated with dual Multi-tasking Processors having minimum 16 cores of minimum 2.80 GHz each.
2	Motherboard	Intel C621 Series Chipset or equivalent.
3	Memory	384GB configured from day1 @ 2666 MT/s or higher. Memory should be scalable to three times the capacity configured.
4	Memory Slots	Minimum 24 DIMM slots
5	Memory Features	Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance or equivalent. Should be capable of identifying and reporting whether genuine OEM memory is installed for system reliability.
6	Disk Drives	Minimum Two no's 600GB hot plug SFF SAS-10K drives in RAID 1. Support for SFF SAS/SSD/SATA/NVMe drives. The drive should have visually significant display along with suitable caution indicator in order to avoid data loss/downtime due to wrong drive removal.
7	Storage Controller	12Gbps SAS RAID Controller with support for RAID 0/1/5/10 and minimum 1GB battery/flash backed write cache.
8	Connectivity and I/O expansion	a) Dual-ported Converged Network Adaptor with minimum 80Gbps aggregate bi-directional (full-duplex) bandwidth supporting creation of virtual adapters for Ethernet as well as Fibre Channel (FC) functionalities. Each of such virtual adapters must be presentable as physical NIC/HBA to the OS running on the server blade. b) Support for 16Gb Dual-ported internal FC HBA. d) Offered adaptors shall have SR-IOV/NVGRE and VXLAN features.
9	Other interfaces	Minimum of 1 x internal USB 3.0 port and 1 x internal micro card slot for supporting integrated hypervisor virtualization deployments. Dedicated Management port/connector internal to server blade. It should be possible to directly access the management port of the server blade externally as well.
10	Bus Slots	Minimum two no's of x16 PCIe 3.0 based mezzanine/ integrated slots supporting Converged Ethernet, Ethernet, FC and SAS adaptors.
11	Graphics	Integrated video controller
12	Embedded System Management	a) Blade Solution should support Gigabit out of band management port to monitor the servers for ongoing management, service alerting and reporting. b) Should support UEFI to configure and boot the servers securely. c) System should support RESTful/XML API integration. d) System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support.
13	OS Support	Microsoft Windows Server, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), VMware.
14	Performance	System should include solution to enable workload/service Profiles or equivalent

		for performance optimization.

15	Embedded Remote Management and Firmware Security	a) System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder.
		
		 b) Should support server power capping and historical reporting and should have support for multifactor authentication.
		
		 c) Server should have local management port and should provide remote management functionality.
		
		 d) Server should support monitoring and recording/logging of changes in hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur.
		
		 e) Remote console should provide support for AES and 3DES on browser. Should provide remote firmware update functionality.
		
		 f) Should include solutions for managing multiple servers as one via:
		    i. Group Power Control
		    ii. Group Power Capping
		    iii. Group Firmware Update
		    iv. Group Virtual Media
		
		 g) Should support RESTful/XML API integration.

16	Server Management	a) The Dashboard minimum should display a health summary of all server hardware. b) The System Management software should provide Role-based access control. c) Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM. d) Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. e) Should help to identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.
17	Monitoring & Analytics, SLA	Server blade shall support the monitoring & analytics feature as per offered blade enclosure to predict, prevent, and auto-resolve problems and by providing automating case creation and log file submission for the problems that can't be auto-resolved.
18	GPU Support	It should be possible to add GPU accelerators in the offered blade server in future.
19	OEM Criteria	a) Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report published in last years on Modular Servers. b) OEM must have India presence for last 10 years on both Sales and Support operation. c) OEM must have its own spares depot in India.

2. CHASIS FOR HIGH END SERVER

Sl. No.	Details of Minimum Requirement Specifications/ Solution Requirement
1	Solution should support API to integrate into popular management tools such as Microsoft Systems Center as well as VMware vCenter along with open source automation and Dev Ops tools such as Chef, Docker and Open Stack.
2	Solution should support software defined templates to quickly make changes to the infrastructure. Template should include server BIOS, firmware, boot order, RAID, storage and network configuration of the infrastructure required for workload.
3	Enclosure should support Linux and Windows solutions.
4	Simultaneous remote access for different servers in the enclosure with KVM functionality.
5	Should support linking multiple enclosures together to form single management ring to reduce complexity and provide single console of management for such connected enclosures. When multiple of such enclosures are aggregated, switching latency between such enclosures should not exceed 6 micro seconds for Ethernet. Should have required technology solution built-in to the enclosure solution for Auto-Discovery of resources in a single enclosure or across multiples of linked enclosures.
6	Enclosure should support latest Server Ethernet technologies such as 40G and 100G.
Enclosure	
7	Enclosure should support two and four processor blades for current and future usage.
8	Enclosure should support Intel latest generation processors based dual and quad CPU server blades
9	Should support technology built-in to every chassis for Auto-Discovery of resources
10	Should support management of multiple of chassis from a single unified management interface.
11	Solution should support redundant physical management appliances within/ outside the enclosure with failover and high-availability
12	Minimum 8 no's of server blades per-enclosure with 10U or lower rack unit usage.
13	Solution to be provided for linking of multiple enclosures using redundant pairs of dedicated link/connect modules across redundant 10Gb/higher capacity links.
14	Should support hot plug redundant housing of Ethernet, FC and SAS I/O modules.
OEM Criteria	
15	Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report last published (2016 and 2017) on Modular Servers.
16	OEM must have India presence for last 10 years on both Sales and Support operation.
17	OEM must have its own spares depot in east part of India.

3. INTERCONNECT CABLES /ACCESSORIES /MODULES

Sl. No.	Details of Minimum Requirement Specifications
1	Redundant I/O modules to be provided to ensure minimum aggregate 80Gb bi-directional downlink bandwidth to each server blade across two or more redundant links.
2	Offered I/O modules must support creation of virtual adapters for Ethernet as well as Fibre Channel (FC) functionalities where each of such virtual adapters must be presentable as physical NIC/HBA to the OS running on the server blade and each of such adapter should be independently configurable to transport either Fibre Channel (FC) over Ethernet/CEE or Accelerated iSCSI protocol in programmable speeds from 200Mb onwards in 100Mb increments.

3	Enclosure Blade Solution should offer an aggregate bi-directional Ethernet uplink bandwidth of minimum 320Gb and aggregate FC uplink bandwidth of 128Gb across redundant hot plug I/O modules. *Bidder must provide required optical transceivers for external uplink on 1G Copper (minimum 4 Nos) and 10G-SR-SFP+ (minimum 4 nos) along with necessary patch cables.*
4	Any other intermediate switch/modules if required should be included in redundancy for completeness of the offered solution.
5	**<u>Feature requirements for each of the offered I/O module:</u>** a) Shall deliver both Ethernet as well as native FC including HBA functionalities such as Fiber Channel over Ethernet (FCoE), iSCSI, and Converged Enhanced Ethernet (CEE). b) Minimum 2Tb Line-rate fabric and 200K MAC entries per I/O module. c) VLAN Tagging, and Link Aggregation support on all uplinks d) Standards Support: 802.1Qbb, 802.1Qaz, 802.1AB LLDP, 802.1Q, 802.3ad, IPv6, SNMPv3. e) MLAG/equivalent. f) Minimum latency of 6 micro seconds.

Power and Cooling

6	Enclosure should be populated fully with power supplies of the highest capacity available with the vendor. Power supplies should be supplied with N+N redundancy.
7	Power supply should be N+N redundant even when the chassis is fully populated with highest watt processor available in the processor category from Intel in offered model.
8	Should support single phase as well as three phase power subsystem enabled with technologies for lower power consumption and offering Platinum energy efficiency. Enclosure should be offered with power subsystem as per design and RFP requirements.
9	Enclosure should have a cooling subsystem consisting of redundant hot pluggable fans or blowers enabled with technologies for improved power consumption and acoustics.

Management Solution

10	Enclosure should have redundant physical management appliances within/outside the enclosure with failover and high-availability.
11	Should support auto-discovery of Compute, Memory and Fabrics within an enclosure or on multiple connected enclosures.
12	Should support software-defined intelligence for configuring profiles to provision compute, fabrics and images
13	Should offer collaborative user interface which support logical resources to physical resources mapping, Smart Search, Activity Log, HTML5 mobile access, and Customizable Dashboard
14	Should provide a dedicated GbE or higher management network for communications, separate from data plane
15	Should support reporting capabilities: a) asset and inventory information for the devices in the enclosures b) Thermal and power information, including real-time actual power usage per server and per enclosure c) Reports should be exportable to csv or Microsoft Excel format.
16	Proposed solution should support provisioning virtual and physical infrastructure from pools of compute, storage and networking resources
17	Should support Internal and external storage provisioning: Local/zoned direct attached storage (DAS),

		software-defined storage (SDS) and storage area networks (SAN)
	18	Should support Storage virtualization for flexible performance tiering on highly-dense, scalable storage platforms
	19	Should support SAN storage management compatibility for switched fabric, direct attached, or vSAN topologies
	20	Should support SAN zoning policy customization to control zone-/alias- configuration
	21	Should support private/shared storage volumes for DAS/SAN attach to server profiles/templates to enable automated and policy-driven volume provisioning
	22	Should support Boot-from-SAN for Fibre Channel (FC), Fibre Channel over Ethernet (FCoE), and iSCSI storage

Monitoring, Analytics, and Performance

	23	Solution shall be offered for continuous, proactive health monitoring and recording of required system parameters as well as diagnostic telemetry data on a 24x7 basis.
	24	Solution shall support to maximize the performance significantly of all the cores in any of the offered processors on the server blades to help in lowering the core-based licensing costs.
	25	Solution shall support monitor and manage the frequency fluctuations for reduced latency while ensuring deterministic performance.

OS and Application Provisioning

	26	Solution should support provisioning of boot/run storage volumes and deploying OS along with application.
	27	Solution should support personalizing and customizing OS per deployment plan.
	28	Solution should support stateless operation with IP addresses assigned to bootable images
	29	Solution should provide tools for personalization and customization of images
	30	Solution should support generating iSCSI target for the boot/run volume
	31	Offered solution should support redundant physical appliances in fail-over HA configuration to stream images with required OS and applications.

OEM Criteria

	32	Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report last published (2016 and 2017) on Modular Servers.
	33	OEM must have India presence for last 10 years on both Sales and Support operation.
	34	OEM must have its own spares depot in India.

COMPLIANCE STATEMENT

1. HIGH END BLADE SERVER

Sl. No.	Items	Details of Minimum Requirement Specifications	Yes/No
1	CPU	Latest Generation Intel Sky lake x86-64 Bit, Populated with dual Multi-tasking Processors having minimum 16 cores of minimum 2.80 GHz each.	
2	Motherboard	Intel C621 Series Chipset or equivalent.	
3	Memory	384GB configured from day1 @ 2666 MT/s or higher. Memory should be scalable to three times the capacity configured.	
4	Memory Slots	Minimum 24 DIMM slots	
5	Memory Features	Advanced ECC with multi-bit error protection, Online spare, mirrored memory and fast fault tolerance or equivalent. Should be capable of identifying and reporting whether genuine OEM memory is installed for system reliability.	
6	Disk Drives	Minimum Two no's 600GB hot plug SFF SAS-10K drives in RAID 1. Support for SFF SAS/SSD/SATA/NVMe drives. The drive should have visually significant display along with suitable caution indicator in order to avoid data loss/downtime due to wrong drive removal.	
7	Storage Controller	12Gb/s SAS RAID Controller with support for RAID 0/1/5/10 and minimum 1GB battery/flash backed write cache.	
8	Connectivity and I/O expansion	a) Dual-ported Converged Network Adaptor with minimum 80Gbps aggregate bi-directional (full-duplex) bandwidth supporting creation of virtual adapters for Ethernet as well as Fibre Channel (FC) functionalities. Each of such virtual adapters must be presentable as physical NIC/HBA to the OS running on the server blade. b) Support for 16Gb Dual-ported internal FC HBA. d) Offered adaptors shall have SR-IOV/NVGRE and VXLAN features.	
9	Other interfaces	Minimum of 1 x internal USB 3.0 port and 1 x internal micro card slot for supporting integrated hypervisor virtualization deployments. Dedicated Management port/connector internal to server blade. It should be possible to directly access the management port of the server blade externally as well.	
10	Bus Slots	Minimum two no's of x16 PCIe 3.0 based mezzanine/ integrated slots supporting Converged Ethernet, Ethernet, FC and SAS adaptors.	
11	Graphics	Integrated video controller	
12	Embedded System Management	a) Blade Solution should support Gigabit out of band management port to monitor the servers for ongoing management, service alerting and reporting. b) Should support UEFI to configure and boot the servers securely. c) System should support RESTful/XML API integration. d) System should support embedded remote support to transmit hardware events directly to OEM or an authorized partner for automated phone home support.	
13	OS Support	Microsoft Windows Server, Red Hat Enterprise Linux (RHEL), SUSE Linux	

		Enterprise Server (SLES), VMware.	
14	Performance	System should include solution to enable workload/service Profiles or equivalent for performance optimization.	
15	Embedded Remote Management and Firmware Security	a) System remote management should support browser based graphical remote console along with Virtual Power button, remote boot using USB/CD/DVD Drive. It should be capable of offering upgrade of software and patches from a remote client using Media/image/folder. b) Should support server power capping and historical reporting and should have support for multifactor authentication. c) Server should have local management port and should provide remote management functionality. d) Server should support monitoring and recording/logging of changes in hardware and system configuration. It assists in diagnosing problems and delivering rapid resolution when system failures occur. e) Remote console should provide support for AES and 3DES on browser. Should provide remote firmware update functionality. f) Should include solutions for managing multiple servers as one via: v. Group Power Control vi. Group Power Capping vii. Group Firmware Update viii. Group Virtual Media g) Should support RESTful/XML API integration.	
16	Server Management	a) The Dashboard minimum should display a health summary of all server hardware. b) The Systems Management software should provide Role-based access control. c) Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM. d) Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. e) Should help to identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.	
17	Monitoring & Analytics, SLA	Server blade shall support the monitoring & analytics feature as per offered blade enclosure to predict, prevent, and auto-resolve problems and by providing automating case creation and log file submission for the problems that can't be auto-resolved.	
18	GPU Support	It should be possible to add GPU accelerators in the offered blade server in future.	
19	OEM Criteria	a) Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report last published (2016 and 2017) on Modular Servers. b) OEM must have India presence for last 10 years on both Sales and Support operation.	

		c) OEM must have its own spares depot in India.	

2. CHASIS FOR HIGH END SERVER

Sl. No.	Details of Minimum Requirement Specifications/ Solution Requirement	Yes/No
1	Solution should support API to integrate into popular management tools such as Microsoft Systems Center as well as VMware vCenter along with open source automation and Dev Ops tools such as Chef, Docker and Open Stack.	
2	Solution should support software defined templates to quickly make changes to the infrastructure. Template should include server BIOS, firmware, boot order, RAID, storage and network configuration of the infrastructure required for workload.	
3	Enclosure should support Linux and Windows solutions.	
4	Simultaneous remote access for different servers in the enclosure with KVM functionality.	
5	Should support linking multiple enclosures together to form single management ring to reduce complexity and provide single console of management for such connected enclosures. When multiple of such enclosures are aggregated, switching latency between such enclosures should not exceed 6 micro seconds for Ethernet. Should have required technology solution built-in to the enclosure solution for Auto-Discovery of resources in a single enclosure or across multiples of linked enclosures.	
6	Enclosure should support latest Server Ethernet technologies such as 40G and 100G.	
Enclosure		
7	Enclosure should support two and four processor blades for current and future usage.	
8	Enclosure should support Intel latest generation processors based dual and quad CPU server blades	
9	Should support technology built-in to every chassis for Auto-Discovery of resources	
10	Should support management of multiple of chassis from a single unified management interface.	
11	Solution should support redundant physical management appliances within/ outside the enclosure with failover and high-availability	
12	Minimum 8 no's of server blades per-enclosure with 10U or lower rack unit usage.	
13	Solution to be provided for linking of multiple enclosures using redundant pairs of dedicated link/connect modules across redundant 10Gb/higher capacity links.	
14	Should support hot plug redundant housing of Ethernet, FC and SAS I/O modules.	
OEM Criteria		
15	Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report last published (2016 and 2017) on Modular Servers.	
16	OEM must have India presence for last 10 years on both Sales and Support operation.	
17	OEM must have its own spares depot in east part of India.	

3. INTERCONNECT CABLES /ACCESSORIES /MODULES

Sl. No.	Details of Minimum Requirement Specifications	Yes/No
1	Redundant I/O modules to be provided to ensure minimum aggregate 80Gb bi-directional	

		downlink bandwidth to each server blade across two or more redundant links.	
	2	Offered I/O modules must support creation of virtual adapters for Ethernet as well as Fibre Channel (FC) functionalities where each of such virtual adapters must be presentable as physical NIC/HBA to the OS running on the server blade and each of such adapter should be independently configurable to transport either Fibre Channel (FC) over Ethernet/CEE or Accelerated iSCSI protocol in programmable speeds from 200Mb onwards in 100Mb increments.	
	3	Enclosure Blade Solution should offer an aggregate bi-directional Ethernet uplink bandwidth of minimum 320Gb and aggregate FC uplink bandwidth of 128Gb across redundant hot plug I/O modules. *Bidder must provide required optical transceivers for external uplink on 1G Copper (minimum 4 Nos) and 10G-SR-SFP+ (minimum 4 nos) along with necessary patch cables.*	
	4	Any other intermediate switch/modules if required should be included in redundancy for completeness of the offered solution.	
	5	<u>**Feature requirements for each of the offered I/O module:**</u> a) Shall deliver both Ethernet as well as native FC including HBA functionalities such as Fiber Channel over Ethernet (FCoE), iSCSI, and Converged Enhanced Ethernet (CEE). b) Minimum 2Tb Line-rate fabric and 200K MAC entries per I/O module. c) VLAN Tagging, and Link Aggregation support on all uplinks d) Standards Support: 802.1Qbb, 802.1Qaz, 802.1AB LLDP, 802.1Q, 802.3ad, IPv6, SNMPv3. e) MLAG/equivalent. f) Minimum latency of 6 micro seconds.	
Power and Cooling			
	6	Enclosure should be populated fully with power supplies of the highest capacity available with the vendor. Power supplies should be supplied with N+N redundancy.	
	7	Power supply should be N+N redundant even when the chassis is fully populated with highest watt processor available in the processor category from Intel in offered model.	
	8	Should support single phase as well as three phase power subsystem enabled with technologies for lower power consumption and offering Platinum energy efficiency. Enclosure should be offered with power subsystem as per design and RFP requirements.	
	9	Enclosure should have a cooling subsystem consisting of redundant hot pluggable fans or blowers enabled with technologies for improved power consumption and acoustics.	
Management Solution			
	10	Enclosure should have redundant physical management appliances within/outside the enclosure with failover and high-availability.	
	11	Should support auto-discovery of Compute, Memory and Fabrics within an enclosure or on multiple connected enclosures.	
	12	Should support software-defined intelligence for configuring profiles to provision compute, fabrics and images	
	13	Should offer collaborative user interface which support logical resources to physical resources mapping, Smart Search, Activity Log, HTML5 mobile access, and Customizable Dashboard	
	14	Should provide a dedicated GbE or higher management network for communications, separate from data plane	
	15	Should support reporting capabilities:	

	a) asset and inventory information for the devices in the enclosures	
	b) Thermal and power information, including real-time actual power usage per server and per enclosure	
	c) Reports should be exportable to csv or Microsoft Excel format.	
16	Proposed solution should support provisioning virtual and physical infrastructure from pools of compute, storage and networking resources	
17	Should support Internal and external storage provisioning: Local/zoned direct attached storage (DAS), software-defined storage (SDS) and storage area networks (SAN)	
18	Should support Storage virtualization for flexible performance tiering on highly-dense, scalable storage platforms	
19	Should support SAN storage management compatibility for switched fabric, direct attached, or vSAN topologies	
20	Should support SAN zoning policy customization to control zone-/alias- configuration	
21	Should support private/shared storage volumes for DAS/SAN attach to server profiles/templates to enable automated and policy-driven volume provisioning	
22	Should support Boot-from-SAN for Fibre Channel (FC), Fibre Channel over Ethernet (FCoE), and iSCSI storage	
Monitoring, Analytics, and Performance		
23	Solution shall be offered for continuous, proactive health monitoring and recording of required system parameters as well as diagnostic telemetry data on a 24x7 basis.	
24	Solution shall support to maximize the performance significantly of all the cores in any of the offered processors on the server blades to help in lowering the core-based licensing costs.	
25	Solution shall support monitor and manage the frequency fluctuations for reduced latency while ensuring deterministic performance.	
OS and Application Provisioning		
26	Solution should support provisioning of boot/run storage volumes and deploying OS along with application.	
27	Solution should support personalizing and customizing OS per deployment plan.	
28	Solution should support stateless operation with IP addresses assigned to bootable images	
29	Solution should provide tools for personalization and customization of images	
30	Solution should support generating iSCSI target for the boot/run volume	
31	Offered solution should support redundant physical appliances in fail-over HA configuration to stream images with required OS and applications.	
OEM Criteria		
32	Server OEM shall be in the leader's quadrant for two years as per relevant Gartner's MQ report last published (2016 and 2017) on Modular Servers.	
33	OEM must have India presence for last 10 years on both Sales and Support operation.	
34	OEM must have its own spares depot in India.	

CHAPTER 5
PRICE SCHEDULE

1.   PRICE SCHEDULE FOR GOODS BEING OFFERED FROM ABROAD

Name of the Bidder_____
NIT Reference No. _____
File Reference No. _____

Sl. No.	Description/Part No./Make Model	Quantity	Unit Price (in foreign currency)	Total Amount (in foreign currency)
1.				
2.				
3.				
Total Ex-Works Price-				
Packing & Forwarding and inland freight				
*FCA (at port)				
Terminal charges, loading on vassal				
**FOB (name of port)				
Air freight & insurance up to destination port				
*CIF				
Carrier charges & insurance up to final destination				
**CIP				
Concessional Custom Duty (Against DSIR Certificate)				
IGST rate (Against IIT (ISM) Certificate				
Other Duties taxes/clearance charge, if any				
Transportation charges up to IIT ISM Dhanbad				
Chargeable weight/Gross weight of consignment				
Indian agency Commission (%)				
Installation & Commissioning charge				
Training charges, if any				
Additional Warranty Charges, if any				
Annual Maintenance Charge, if any				
Educational discounts, if any				

*&** Mandatory requirement

Total Bid Price_____   in

words_____

Note :
Total Bid price in foreign currency _____ in words
(a) Indian agent name & address_____
(b) Installation, commissioning & training charges, if any_____
(C) Please note that Indian agents' commission shall be paid in Indian Rupees only.
(d) Banker's details such as- Name of account holder, Account Number, Name of Bank, Branch code, RTGS code, NEFT code, SWIFT code etc.
(f) Price schedule of optional items shall be indicated in a separate sheet in the same performa.

(g) Quoting Price for FOB/FCA and for CIF/CIP basis, otherwise bid will be rejected.
(h)Wherever the price quoted on FOB/FCA and CIF/CIP basis are the same, the contract would be made on CIF/CIP basis only.
(i) Country of Origin Dimension and Gross Weight must be provided.

Signature of Bidder
Name _____
Business Address_____

2. PRICE SCHEDULE FOR GOODS BEING OFFERED WITHIN INDIA

Name of the Bidder_____

NIT Reference No. _____

File Reference No. _____

Sl. No.	Full Description of items with (HSN Code/SAC Code)	Quantity	Unit Price (in INR)	Total Amount (in INR)
1.				
2.				
3.				
Ex-Works Price-				
Packing & Forwarding				
Transportation				
FOR (IIT ISM) Dhanbad				
GST/IGST (their rate(s) as the case may be, clearly specified) Please note that IIT ISM is eligible for Concessional GST as per Notification No. 45/2017- Central Tax (Rate) for CGST, 45/2017-State Tax (Rate) for SGST and 47/2017-Central Tax (Rate) for IGST,				
Insurance up to Destination/handover (in case of fabrication)				
Installation & Commissioning charge				
Training charges, if any				
Additional Warranty Charges, if any				
Annual Maintenance Charge, if any				

*(On the basis of the technical specifications submitted)

Total Bid Price_____   in words_____

Note :

(a) The Price schedule of optional items shall be indicated in a separate sheet in the same Performa.

(b) Cost spare parts may be indicated separately

Signature of Bidder

Name _____

Business

Address_____

<u>UNDERTAKING BY THE BIDDER(S)</u>

I have carefully gone through the various terms and conditions mentioned in the tender document of **High End Server, Chasis for High End Server, Interconnect Cables etc.**. I agree to all the conditions and offer to supply the item at IIT (ISM), Dhanbad. I am making this offer after carefully reading the conditions and understanding the same. I have acquainted with all the tasks required to be carried out, before making this offer. I will abide by the corrigendum(s), if any, to be issued by IIT (ISM) Dhanbad on its website www.iitism.ac.in. I hereby sign this undertaking as token of our acceptance of various conditions mentioned in tender document. Justification of the price is also attached herewith.

Place: _____

Dated: _____   Name & Signature of the bidder(s):

                                                 Address: _____

                                         ******

CHAPTER 6
Contract Form

With reference to the tender reference no. **CSE-PRJ-347-18-19**, Dated: **30 January 2019** of IIT(ISM), Dhanbad for Supply and Installation, **High End Server, Chasis for High End Server, Interconnect Cables etc.**, we (bidder(s)'s name) _____accept all the instructions and terms and conditions of the tender and accordingly hereby submit our quotation no. _____dated_____.

ALL TERMS AND CONDITIONS OF THE N.I.T. ARE ACCEPTED

1	Name and address of the bidder	
2	Telecom nos. of the bidder i.e. phone fax, & email id.	
3	Signature, name & designation of the person signing on behalf of the bidder& his/her office seal	
4.	Name & designation of the contact person & his phone/mobile no./e-mail ID	

We hereby declare that all statements/details made in this tender are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being found false or incorrect at any stage or we do not satisfy any of the stated criteria, our offer is liable to be cancelled automatically and IIT (ISM), Dhanbad may take an action against this firm for such false information including legal action.

Signature:

Name:

Designation:

Bidder(s)'s Name:

Seal:

******

Form No.: 7.1

To,

The Registrar,

Indian Institute of Technology (Indian School of Mines), Dhanbad,

P.O. – I.S.M.

DHANBAD– 826004.

Ref.: Your Notice Inviting Tender No. CSE-PRJ-347-18-19, Dated: 30-01-2019.

Sub: Technical bid relating to **Supply and Installation, High End Server, Chasis for High End Server, Interconnect Cables etc.**

Sir/ Madam,

1. I/We have gone through all Chapters of the tender document such as Instructions and Terms and conditions, minimum eligibility criteria, schedule of requirements, Specifications and allied technical details etc. as enlisted by you in your Notice Inviting Tender for the subject under reference.

2. I/We, hereby confirm that we have understood all the above and confirm my/our commitment to abide by them.

3. I/We also confirm my/our commitment to provide the services as enlisted in your Notice Inviting Tender under reference.

Seal and Signature of authorized signatory of the bidder(s) with date→

Documents	Yes/No	Document No. (If submitted a copy of the same)
PAN Card/Voter ID/Aadhaar Card		
Official ID Card		
Other Documents (specify below)		

(A copy of PAN/Voter Card/Aadhar Card and official ID card of the authorized signatory of the bidder(s) must be attached with this letter.).

******

Form No.: 7.2
(to be submitted with technical bid part-1)

1. **Earnest Money Deposit: DD NO._____Date:_____   Amount :Rs. 65000/-, Issued by bank**

    and branch _____

2. **Validity of Quotation: days from the date submission deadline (minimum 240 days from the**

    submission deadline)…………………………………………

3. **Performance Security or PBG: Will Be Submitted with the proforma invoice or invoice, if**

    Purchase Order placed by I.I.T. (I.S.M.), Dhanbad

4. **Payment Terms: Payment after supply, satisfactory installation and submission of all required**

    documents as per Purchase Order after statuary deductions and penalty (liquidity damage), if

    any as decided by I.I.T. (I.S.M.), Dhanbad.

ALL THE ABOVE MENTIONED TERMS & CONDITIONS ARE ACCEPTED BY US AND PROFORMA IS SUBMITTED FOR CONSIDERATION.

_____
Signature & Seal of the Bidder(s)

******

Form No.: 7.3
TECHNO-COMMERCIAL BID (Part-1)

TECHNICAL BID

1. Name of the Bidder(s)..

2. Name of the authorized person (who signs on the tender document on behalf of bidder(s)) with PAN/Voter

Card No./Aadhar No. …………………………………………………………………………………………….

3. Address of the Bidder(s)... , Website …………………

4. Phone No. .... (Mobile)...........................Fax................................ E-mail ……………….

Details of the item and its specification:

Sl. No	Particulars	Description

Name of the authorized signatory:

Name of the Bidder(s):

Contact No.:

_____
Signature & Seal of the Bidder(s)

******