



**International Institute of Information Technology-**

**Bangalore**

**Bid Ref. No : IIITB/MINRO 004/2018-19**

**Date : 12.02.2019**

**Bid for Supply and Installation of “Big Data Infra Structure” at IIITB**

**for Minro Project**

**(Bid documents can be downloaded from “[www.iiitb.ac.in](http://www.iiitb.ac.in)”)**

**Bid for Supply and Installation of Big Data Infra Structure**

International Institute of Information Technology Bangalore, located at 26/C, Electronics City, Bangalore, Karnataka - 560100, invites sealed tenders from eligible bidders for Supply & Installation of Big Data Infra Structure for it's Minro Project.

**1. Bid Details :**

1.	Bid No	: IIITB/Minro-004/2018-19
2.	Name of the work	: Bid for supply & Installation of Big Data Infra Structure
3.	Warranty	: 3years OEM Warrantee

**1.01)** The Bid documents can be downloaded from the Website of the International Institute of Information Technology-Bangalore at [www.iiitb.ac.in](http://www.iiitb.ac.in)

**1.02)** Sealed Bid addressed to

**The CAO,  
International Institute of Information Technology,  
26/C, Electronics City, Phase-1,  
Bangalore – 560100**

may be submitted to reach IIITB's reception **on or before 2.00 pm on 26.02.2019**

**1.03)** The Bids shall be submitted in the following manner and shall contain details / documents as listed below,

- a) One sealed envelope super scribed "**Technical Bid (Part-I) - Bid for Supply & Installation of Big Data Infra Structure**" shall contain the following:
- i. Bid document (downloaded from IIITB site) signed by the authorized signatory (all pages of the Bid Documents to be signed.)
  - ii. Duly filled and signed "covering Letter" in the letter head of the Vendor company as per **annexure - 1.**
  - iii. Duly signed letter of undertaking of authenticity as per **annexure-2**
  - iv. Experience details as per **annexure-3**
  - v. Warranty details as per **annexure-4**
  - vi. Self attested Certificates of Firm registration, GST registration & firm's Pan card.
  - vii. Copy of ISO 9001 Certificate of the Bidder.
  - viii. All other documents as mentioned in "**SL# 4 – Minimum Eligibility Criteria**"

- b) One sealed envelope super scribed “**Commercial Bid (Part-II) - Bid for Supply & Installation of Big Data Infra Structure**” shall contain the following:
- i. Filled and Signed Copy of **Annexure – 5**
- c) Both the envelopes (technical bid as well as commercial bid) shall be placed by the bidder in an outer sealed envelope super scribing **Bid for Supply & Installation of Big Data Infra Structure**” The full name and postal address of the bidder shall be written on the bottom left hand corner of the sealed covers.

**2. Timelines for Supply & Installation of Big Data Infra Structure Bid :**

No	Task	Date
1	Release of Bid notification in IIITB website	12 <sup>th</sup> February, 2019
2	Pre bid meeting with bidders at IIITB Campus	19 <sup>th</sup> February, 2019, 3:00PM
3	Last date for submission of bids in sealed envelopes	26 <sup>th</sup> February, 2019, 14:00 Hrs
4	Opening of the Technical Bids	26 <sup>th</sup> February -2019, 15:00Hrs
5	Completion of Technical Bid evaluation	28 <sup>th</sup> February, 2019 14:00 Hrs
6	Opening of the Commercial bids	28 <sup>th</sup> February, 2019 15:00 Hrs
7	Issue of Purchase Orders	8 <sup>th</sup> March, 2019
8	Payment	Within 2weeks from the completion of the Supply and installation.

**3. Technical Specifications ( Supply & Installation of Big Data Infra Structure)**

<b>Part 1: Minimum Configuration Master Node Rack mountable - 1 quantity</b>	
Processor	2 x Xeon Silver 4116 Processor 12-core 2.10GHz 16.50MB Cache (85W)
Board	C621 chipset
Memory	4 x 16GB DDR4 2400 or higher ECC - 64GB (Min 16 DIMM slots)
Storage	2 x 10TB Enterprise SATA 7200 in RAID 1
HDD Bays	8 drive bays
GPU	Support 4 GPU Card in Future
Raid	12Gb/s Eight-Port SAS/SATA Internal RAID Adapter Support 0, 1, 5, 6, 10, 50 & 60
Network	10GbE network card with 1 x 3 M Cable (include accessories to connect to existing switch - HP 5900 JC772A over 10G network)
Expansion	4 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slots, 2 USB port
Chassis	Rack mountable with enough fan for proper cooling. Chassis should support 4-GPU & 2-CPU and maintain air flow along with proper temperature.
Power	2000W Redundant Power Platinum/Titanium Level with power cable
OS	Support all Unix/Linux based OS.

Software Installation	Install and configure the systems using open source Linux OS and create a big data cluster with open source Big Data technology stack. Provision for role-based user access. End user should be able to access cluster and copy data/run script.
Warranty	3 Year Onsite Warranty and support for above parts

<b>Part 2: Minimum Configuration Data nodes Rack mountable - 3 quantity</b>	
Processor	2 x Xeon Silver 4116 Processor 12-core 2.10GHz 16.50MB Cache (85W)
Board	C621 chipset
Memory	4 x 32GB DDR4 2400 ECC or higher - 128GB (Min 16 DIMM slots)
Storage	5 x 10TB Enterprise SATA 7200 RAID 0
HDD Bays	8 drive bays
GPU	Support 4 GPU Card in Future
Raid	12Gb/s Eight-Port SAS/SATA Internal RAID Adapter Support 0, 1, 5, 6, 10, 50 & 60
Network	10GbE network card with 1 x 3 M Cable (include accessories to connect to existing switch - HP 5900 JC772A over 10G network)
Expansion/Slots	4 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slots, 2 USB port
Chassis	Rack mountable with enough fan for proper cooling. Chassis should support 4-GPU & 2-CPU and maintain air flow along with proper temperature.
Power	2000W Redundant Power Platinum/Titanium Level with power cable
OS	Support all Unix/Linux based OS.
Software Installation	Install and configure the systems using open source Linux OS and create a big data cluster with open source Big Data technology stack. Provision for role-based user access. End user should be able to access cluster and copy data/run script.
Warranty	3 Year Onsite Warranty and support for above parts

#### **4. Eligibility Criteria & Document submission :**

The following is the minimum eligibility criteria for the Bidder to participate in the Bid “for Supply & Installation of Big Data Infra Structure”,

- 4.1 Bidder should be OEM/Authorized Partner/service provider of the OEM, a valid Agency-ship/Dealership Certificate from OEM should also be **enclosed with the bid.**
- 4.2 Bidders should be ISO 9001 certified (**self attested copy to be enclosed with bid.**)
- 4.3 The bidder must not be blacklisted by Central/State Government/Corporations in India (**an undertaking in Vendor’s Company letter head, duly signed and stamped to be enclosed.**)
- 4.4 Bidders can seek clarifications, raise technical / Financial queries etc. related to Bid by **16.02.2019** via email to [vivek.yadav@iiitb.ac.in](mailto:vivek.yadav@iiitb.ac.in) or [cao@iiitb.ac.in](mailto:cao@iiitb.ac.in). The reply to clarifications sought or queries raised will be replied within 02 days and bidders may submit

bids as prescribed by the due date the time. No clarifications in any other form will be provided.

#### **4. Other Terms and Conditions:**

- 5.1 IIITB reserves the right to accept or reject any or all the Bids or cancel this process at any time without assigning any reason whatsoever.
- 5.2 The bidders, who do not meet the eligibility criteria; or do not submit all the necessary documents in support of the eligibility criteria; or do not submit documents that are complete and valid shall be disqualified and may not subsequently be made responsive by the bidder by correction of the non-conformity.
- 5.3 **Commercial Bid** – Your offered price should be in **Indian Rupees (INR)** with break-ups of product cost and Taxes as mentioned in **annexure-5**
- 5.4 The bid offer shall be valid up to 60 days after closing date of the Bid.
- 5.5 The bidder is expected to read all instructions, terms and conditions in the Bid document. Incomplete bids, bids received late, bids not conforming to the specifications and instructions contained herein, will be rejected summarily.
- 5.6 Bids received within the prescribed closing date and time will be opened **in the presence of only the vendor/bidder** who have submitted their response to this bid on the date and time specified in this bid document.
- 5.7 The Institute will award the contract to the successful bidder who has been determined to have qualified in the technical and commercial evaluation.
- 5.8 **Payment terms** – No advance payment will be made. 100% payment will be released within 2weeks from the successful installation of Big Data Infra Structure at IIITB as certified by the IT personal/Users of IIITB.
- 5.9 Any form of canvassing/influencing will attract rejection of bid submitted by the bidder and the Institute reserves the right to take such penal action (e.g. blacklisting the Bidder for the present and future etc.) as it deems fit. Notwithstanding anything contained above, the Institute reserves the right to reject all or any bid as recommended by the Bid Committee and is not bound to divulge any reason to the unsuccessful bidders.
- 5.10 In the event of dispute, Director, IIITB shall be the sole arbitrator and his decision shall be final and binding on both parties.

## Annexure – 1

### **Covering Letter Format (Should be in the letter head of the Company)**

**Bid #** IIITB/Minro-004/2018-19

**Date :**        /        /2019

To,  
The Chief Administrative Officer,  
International Institute of Information Technology Bangalore  
26/C, Electronics City Phase-1  
Bangalore – 560100

Dear sir,

Bid Ref : IIITB/Minro-004/2018-19

Having examined the Bid documents including all annexures the receipts of which is hereby duly acknowledge, we, the undersigned, offer to “Supply and installation of Big Data Infra Structure” in conformity with said bid in accordance with the schedule of prices indicated in the offer and made part of this offer.

If our offer is accepted, we undertake to complete delivery and installation within time frame mentioned in the terms and conditions.

Date

Name :

Contact #

Email id :

Signature & Vendor Company Stamp \_\_\_\_\_

## Annexure – 2

### Letter of Undertaking of Authenticity

1. We undertake that all components / parts / software used in the Big Data Infra Structure supplied shall be original, new components & software only and that no refurbished / duplicate / second hand components / parts / assembly / software is being used.
2. We hereby undertake to produce that certificate from the OEM in support of above undertaking at the time of delivery / installation. It will be our responsibility to produce such letters from our OEM suppliers at the time of delivery or within a reasonable time
3. In case of default and we are unable to comply with the above at the time of delivery or during installation, we agree to take back the “Supply and installation of Big Data Infra Structure” without demur, if already supplied and return the money, if any paid to us by you in this regard.

Signature of Vendor / Bidder \_\_\_\_\_

Name and designation \_\_\_\_\_

Company seal :

**Annexure – 3**

**Experience Details (Customer references) at least two**

Sl#	Description	Company – 1	Company – 2	Company – 3
1	Name of the Organization			
2	Contact person			
3	Contact #			
4	Contact email			
5	Date of supply			
6	Number of Big Data Infra Structure supplied			

Signature of Vendor / Bidder \_\_\_\_\_

Name and designation \_\_\_\_\_

Company seal :



**Annexure – 4**

**OEM Warranty Certificate**

<b>Configuration</b>	<b>Big Data Infra Structure Make &amp; Model</b>	<b>Name of the OEM</b>	<b>OEM Warranty Certificate attached (Yes/No)</b>
<b>1</b>			
<b>2</b>			
<b>3</b>			
<b>4</b>			

**\*\*\*Add rows if necessary**

Signature of Vendor / Bidder \_\_\_\_\_

Name and designation \_\_\_\_\_

Company seal :

## Annexure – 5

### Proforma for Commercial BID

SL #	Details	Qty	Price in INR	Tax in INR	Total Cost (in INR)
1	Supply & Installation of Big Data Infra Structure Master Node Rack mountable (Details as per Bid # IITB/Minro-004/2018-19 )	1			
2	Supply & Installation of Big Data Infra Structure Data Node Rack mountable (Details as per Bid # IITB/Minro-004/2018-19 )	3			

\*\*\* IITB will provide Customs Duty Exemption / Concessional rate of GST issued by Government of India

- 1) Delivery – IITB Campus
- 2) Payment terms – Within two weeks from Supply and installation of Big Data Infra Structure

We accept that the rate quoted above shall remain valid for the period of 60days from the last date of the Tender document i.e, 26<sup>th</sup> February, 2019

Signature and seal of the Bidder.