
	सामग्री प्रबंधन अनुभाग भारतीय प्रौद्योगिकी संस्थान, रुड़की रूड़की-247667, हरिद्वार, उत्तराखण्ड, भारत Phone-(O) 01332-28-4293, 4693 E-mail: mmiitr@iitr.ac.in	Material Management Section Indian Institute of Technology Roorkee-247667(Haridwar) (Uttarakhand) (India) Phone-(O) 01332-28-4293, 4693 E-mail: mmiitr@iitr.ac.in	
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	PAN-AAALI0033R		

निविदा प्रलेख / Tender Document

No. 120000534/MM-4/IITR/2020-21/Renewal of Microsoft Azur/ICC/244

Date of Uploading of Tender -<https://eprocure.gov.in/eprocure/app>

24-Dec-2020

Bids under two bid systems (Technical and Commercial) are invited Online at CPP Portal (<https://eprocure.gov.in/eprocure/app>) from the reputed manufacturer/authorized supplier/dealer for the following items. **Manual bids will not be accepted.**

वस्तु की तकनीकी विषिष्टताये / Technical Specifications of item:

Sr. No	Name of item / Specifications	QTY	UOM
1	Renewal of Microsoft Azure Cloud Subscription (as per Annexure-V)		As per Annexure-V
(For Detailed Technical Specification Plz refer Annexure-V)			
नोट-1: कृपया वस्तु का मूल्य एवं कर अलग-अलग दर्शाए।			
Note-1: Please quote the Rate & Taxes of the item separately.			
Note-2: E-way bill is to be issued by the Venders/Transporter			
Note-3: The HSN / SAC Code of the item must be mentioned.			
For Reasonability of Rates, The firm must enclose the last two supply orders for the same item with Financial Bid (Annexure-III) only.			
Critical Date Sheet			
1	Published Date	24-Dec-2020	(17:00)
2	Bid Document Download / Sale Start Date	24-Dec-2020	(17:30)
3	Seek Clarification Start Date	24-Dec-2020	(18:00)
4	Seek Clarification End Date	1-Jan-2021	(16:00)
5	Pre Bid Meeting Date	Not required	Not required
6	Bid Submission Start Date	4-Jan-2021	(10:00)
7	Bid Submission End Date	14-Jan-2021	(17:00)
8	Bid Opening Date	15-Jan-2021	(12:00)

Chapter-1 : Instruction to bidders

- A. The Tender should be enclosed with proper certifications like Agency Certification, Authorization certificate and/or Proprietary Certificate, as the case may be, in support of your offer.
- B. बोली का जमा किया जाना / Submission of Bids:
The bids should be submitted online in two parts –
 - 1 (i) The Technical Bid (Annexure-I, II, IV & V) and Tender Acceptance Letter
(ii) The Financial Bid (Annexure-III) & Price Bid in .XLS Format
Rates in .xls format will only be considered for Financial evaluation.
 - 2 The bids should be on official pad preferably with GST Number of the firm

- 3 The quotations should bear full details and where possible may be duly supported with catalogues, pamphlets, literature, samples of the item/items as the case may be for comparing the quality and rates of the item(s).
- 4 The transportation cost, insurance charge etc., if any, percentage/ rate of GST or all other taxes and duties should be clearly mentioned.
- 5 The bids / rates / tenders should remain valid for a minimum period of 90 days from the date of opening.
- 6 **Since this purchase being for research purpose, I.I.T., Roorkee is registered in DSIR, New Delhi, it is therefore exempted from the payment of GST up to the limit of exemption as per Govt. Rules. The bidder should quote accordingly.**
- 7 The rates shall not be subject to escalation of any nature.
- 8 The rates quoted should be applicable to educational institutions and any cost advantage received in lieu thereof should be passed on the Institution.
- 9 While quoting / sending rates, the firm shall give an undertaking as per Annexure-II.

C. विधि निक्षेप/ Earnest Money Deposit (EMD):

In lieu of EMD, declaration is to be provided/submitted as per annexure-IV of the tender document.

D. निष्पादन बैंक प्रत्याभूति/ Performance Bank Guarantee (PBG):

In case the total order value of items becomes Rs.25.00 Lakhs or above, 3% of the total order value in the form of Bank Guarantee or FDR pledged in favor of "The Registrar, IIT Roorkee" is required at the time of installation of the equipment which should remain valid at least during the warranty period plus sixty days. No interest shall be claimed by the bidder on the PBG submitted.

E. बोलियों का खोला जाना/ Opening of Bids:

- 1 The Technical Bids will be opened online at CPPP Portal (<https://eprocure.gov.in/eprocure/app>)-**Plz refer Critical Date Sheet**
- 2 The Financial bids of only the Technically Qualified bidders will be opened. The date and time for opening the Financial Bid will be communicated to the respective firm later by the system (CPP Portal (<https://eprocure.gov.in/eprocure/app>))
- 3 Representatives of the firms(s) may be present at the time of openings, if they so desire.

Chapter-2 : Conditions of Contract

F. ठेका देना/ Award of Contract:

The final selection of the bidder for the award of the contract will be made on the basis of the lowest commercial bid amongst the Technically Qualified Bidders.

G. पूर्व-आपूर्ति निरीक्षण/ Pre-supply Inspection:

Authorized representative of the Institute shall make the final inspection before supply of the item at site of the firm, if required.

H. वस्तु की आपूर्ति/ Supply of Item:

The whole supply as per order shall have to be completed within the time mentioned in the order failing which the I.I.T. Roorkee shall have the right to accept or reject any quantity of items ordered. The firm will have to arrange for supply of the material in good condition.

I. भुगतान की शर्तें/ Payment Terms:

A. Payment in INR for supply of goods:

Where installation is not required: 100% payment will be made after satisfactory delivery of material duly certified by the HOD/P.I.

OR

Where Installation is required :100% payment will be made after satisfactory delivery and installation of the material duly certified by the HOD/P.I.

OR

80% payment will be made on receipt and acceptance of goods and balance 20% on successful installation and commissioning duly certified by the HOD/P.I.

OR

100% Advance will be paid against submission of 110% Bank Guarantee of the Total Order value. Bank Guarantee should be in favor of "The Registrar, IIT Roorkee" which should be valid till the date of Installation/Delivery period + 30 days

B. Payment in INR for AMC/Service:

Quarterly/Halfyearly after satisfactory completion of work/service duly certified by the H.O.D./P.I.

J. दंड/Penalty:

A penalty of 0.5% of the total order value per week shall be levied for the delay subject to a maximum of 5% of the total order value.

In case of the non-supply of the item after the acceptance of the work/supply order, the firm will be debarred from any future bidding process of IIT Roorkee for a period of minimum one year.

(Please refer annexure-IV)

K. अप्रत्याशित घटना/Force Majeure:

For the purpose of and within the scope of contract by way of indication and not of limitation, the term "Force Majeure" shall mean acts of nature, strikes, Lockouts, or other industrial disturbances, act of public/enemy, wars, blockades, insurrection, riots, epidemics, landslides, earthquakes, storms lightening, flood, washouts, civil disturbances, explosion and any other similar even not within the control of either party on which by exercise of due care and diligence neither party is able to prevent or overcome.

L. मध्यस्थता / Arbitration:

In the event of any difference or dispute arising out this work, all effort shall be made by both the parties to settle the same amicably. Failing an amicable settlement, the dispute shall be finally settled through arbitration conducted under the Arbitration and Conciliation Act 1996, by arbitrators appointed in accordance with the said Act. The arbitration shall give reasoned and speaking award. All disputes are subject to Roorkee jurisdiction only.

M. बोली अस्वीकृती के लिए मानदंड / Criteria for bid rejection:

- 1 If technical bid found without the required undertaking (Annexure-II) and declaration (Annexure-IV).
- 2 If it found at a later date that any information given in the bids is Incorrect/false then the bid is liable to be disqualified/rejected.
- 3 Canvassing in any form will result to disqualification.
- 4 If "extra, as actual" etc. are mentioned against any of the price components in the bid the bid will be rejected.
- 5 If the firm quotes 'NIL' charges / consideration, the bid shall be treated as unresponsive and will not be considered.
- 6 If financial bid is found along with technical bid in pdf on CPP Portal, then the bid shall be rejected outrightly.
- 7 If any bidder submitting two/multiple bids for the same item of a tender, both/all the bids of that bidder will be outrightly rejected.

Chapter-3 : Schedules of requirements

N. टिप्पणी / Note:

- 1 If the supplier/firm is manufacturer/authorized dealer/sole distributor/of the item, the certificate to this effect should be attached.
- 2 Please note that the firms must submit the compliance Statement in an organized and structured manner in respect of all the specifications as per Annexure-V with the supporting catalogue/leaflet of the firm. Annexure-I, II & V have to be submitted with Technical Bid and Annexure-III with financial bid.
- 3 It may also be noted that the tender bids received after the stipulated date & time or found incomplete and the tender bids containing false/incorrect information shall be summarily rejected. The Institute shall not entertain any communication in this regard, whatsoever.
- 4 The firm is required to give its Bank Account details with IFSC for the purpose of making e-payment.
- 5 The Indian Institute of Technology (IIT) Roorkee reserves the right to reject any quotation wholly or partly without assigning any reason.
- 6 The quantity shown in the tender can be increased or decreased to any extent depending upon the actual requirement.
- 7 The decision of the institute in all matters relating to eligibility, acceptance, rejection of the bid will be final and binding on the applicants.
- 8 IIT Roorkee discourages High Sea Sale purchase. All tenders with High Sea Sale will be rejected.
- 9 The firms should clearly mention (in the financial bid) the Harmonized System of Classification (HS code) defined by the Central Custom and Excise Board (Govt. of India)- for the item(s) involving import.
- 10 **If the bid opening date happens to be a holiday, then the bid will be opened at 3.30PM of the next working day followed by the holiday.**
- 11 If an agent submits bid on behalf of the Principal/OEM, the same agent can not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
- 12 Indian Agent should submit the certificate from the Foreign Principal that they are the Authorized & Registered Indian Agent.
- 13 The quantity shown against the item is approximate and may vary as per demand of the Institute at the time of placing order. Also, the final requirement of each line item will be decided by the Institute at the time of placing the PO.
- 14 **Any corrigendum/addendum/errata in respect of the Tender Notice/ Enquiry letter shall be made available CPP Portal (<https://eprocure.gov.in/eprocure/app>). Hence prospective bidders are advised to visit the CPP Portal (<https://eprocure.gov.in/eprocure/app>) regularly.**
- 15 Bidders shall be responsible for the correctness of the information provided in the enquiry letter/tender document. If it is found at a later date that any information given in the bid is Incorrect/false then the bid is liable to be disqualified/rejected.

- 16 Before submission of bids, bidders should read the complete enquiry letter/tender document carefully and ensure that the bidders fulfill the eligibility criteria.
- 17 In case the item/product is under rate contract with DGS&D or GeM, then Bidder should certify that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.
- 18 **In Item Wise BoQ .xls sheet, In column M, leave blank for the item/service not provided/quoted by you. If quoted 0 then it will be considered that the item/service will be provided free of cost.**
Or
In Item Rate BoQ .xls sheet, If quoted 0 for the items/services in column M then it will be considered that the items/services will be provided free of cost.
- 19 **The Institute reserves the right to rectify any discrepancy of this advertisement, if found later on. In case of any inadvertent mistake in the process which may be detected at any stage even after the issue of purchase order, the Institute reserves the right to modify/withdraw/cancel any communication made to the bidder.**

Chapter-4 : Specifications and allied Technical details

Plz. See Annexure- I, II, IV, V

Chapter-5 : Price Schedule (to be utilized by the bidders for quoting their prices online in .XLS format at CPPP Portal (<https://eprocure.gov.in/eprocure/app>))

Plz. See Annexure- III & Price Bid in .XLS Format

Chapter-6 : Contract Form

Purchase Order is used as Contract Form

Chapter-7 : Other Standard Forms, if any to be utilized by the purchaser and bidders

Tender Acceptance Letter

***उप कुलसचिव (सामग्री प्रबंधन) / सहायक कुलसचिव (सामग्री प्रबंधन)**

Deputy Registrar (MM)/ Assistant Registrar (MM)

***Document Digitally Signed on <https://eprocure.gov.in/eprocure/app>**

For any Clarification regarding technical specifications of item Please Contact:

**Shri. N.K. Gupta,
System Programmer,
ICC, IIT Roorkee**

ICC, IIT Roorkee

Ph.-01332-28-5163

Email: guptafcc@iitr.ac.in

तकनीकी बोली

विस्तृत विवरण अनुपालन रिपोर्ट के साथ प्रस्तुत किया जाना है (अपने आधिकारिक लेटर हेड पर विक्रेता/ फर्म द्वारा प्रस्तुत करने के लिए)

Detailed specification cum compliance report to be submitted with the Technical Bid
(to be submitted by the vendor/firm on its official letter head)

(For Detailed Technical Specification Plz refer Annexure-V)

Sr.No	Name & Required Specifications of Item(s)	Qty	UOM	Offered specifications of item(s) by the firm
1	Renewal of Microsoft Azure Cloud Subscription (as per Annexure-V)	As per Annexure-V		
	Firm's Profile :			
1	Manufacturer/Authorized Agent/Distributor/Dealer/Supplier(valid certificate must be attached)			
2	E-mail I.D. & Telephone/Mobile No. Detail of Bank A/C			
Note:	1. "offered specifications", should be filled up properly in the format provided as per Annexure-I.			
	2. Volume & Weight of the item should also be mentioned.			
	3. The HSN / SAC Code of the item must be mentioned.			

Signature: _____

Name : _____

Designation : _____

Seal of the Organisation

उपबंध / UNDERTAKING

Ref. No. **No. 120000534/MM-4/IITR/2020-21/Renewal of Microsoft Azur/ICC/244**
Dated:- **24-Dec-20**

That all the terms/conditions mentioned in the enquiry letter/tender against which the rates are being given are acceptable to the firm.

It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

It is certified that the firm has never been black-listed from any Government Department. (State/Central Govt./ Autonomous/ PSU)

Signature _____

Name _____

Financial Bid

(to be submitted by the vendor/firm on its official letter head)

Ref. No. No. 1200000534/MM-4/IITR/2020-21/Renewal of Microsoft Azur/ICC/244
 Date: 24-Dec-20

Rates :

Sr. No	Name of item / Specifications	Qty	UOM	Rate	Amount (INR) Or In Other Currency
					To be filled in .XLS sheet (attached)
Total					
Grand Total Rs.					

1) Price of the items should be clearly mentioned if supplied Free of Cost.

Terms & Conditions:

- 1 Prices (quoted in Rs.): FOR ICC, IIT Roorkee
- 2 **Payment:** **Should be clearly mentioned, As per clause-I of enquiry letter.**
- 3 Validity:
- 4 Delivery period:
- 5 Other charges:
- 6 **Warranty:**
- 7 Rejection: Equipment if found not as per the required specification would be rejected.
- 8 Penalty Clause: As per clause-J of enquiry letter.
 In case of the non-supply of the item after the acceptance of the work/supply order, the firm will be debarred from any future bidding process of IIT Roorkee for a period of minimum one year.
 (Please refer annexure-IV)
- 9 PBG: In case the total order value of items becomes Rs.25.00 Lakhs or above, 3% of the total order value in the form of Bank Guarantee or FDR pledged in favor of "The Registrar, IIT Roorkee" is required at the time of installation of the equipment which should remain valid at least during the warranty period plus sixty days. No interest shall be claimed by the bidder on the PBG submitted.
- 10 Only GST Exemption Certificate is provided by the Institute (If required).

It is certified that the rate quoted is not over and above (higher side) the rates under RC with the DGS&D or GeM.

Signature_____

Name_____

Designation_____

Seal Of the Firm/Organization_____

Details of Institute :

IEC CODE	0100000011	
AD CODE	0001069-2770325	S.B.I., IIT ROORKEE
	0303974-2770324	P.N.B. IIT ROORKEE

DECLARATION
(to be submitted by the vendor/firm on its official letter head)

**To,
Registrar,
IIT Roorkee,
Roorkee,**

Subject: Undertaking as per GFR – 2017, Rule 170(iii) in lieu of Bid Security/Earnest Money Deposit (EMD)

Tender Ref no: No. 1200000534/MM-4/IITR/2020-21/Renewal of Microsoft Azur/ICC/24

Dated 24-Dec-20

Dear Sir,

We, the undersigned, offer to Supply the
..... as per tender at IIT Roorkee, in response to your above referred tender no.

We are hereby submitting our proposal/Bid/Quote for the same, which includes Technical bid and the Financial Bid. As a part of eligibility requirement stipulated in above referred tender document, we hereby submit a declaration in lieu of Earnest Money Deposit (EMD) as given below:

1. Our bid shall remain valid for 90-days from the date of financial opening and that we will not withdraw or modify our bid during the validity period,
2. In case, we are declared as successful bidder and an order is placed on us, we will submit the acceptance in writing within 7 days of placement of order on us.
3. In case, we are declared as successful bidder and an order is placed on us, we undertake, to submit a Performance Bank Guarrantee(PBG) as mentioned in above referred tender document or as per terms stipulated in the Purchase Order.
4. In case of failure on our part to comply with any of the above said requirements, we are aware that we shall be declared as un-eligible for said tender and /or debarred from any future bidding process of IIT Roorkee for a period of minimum one year.
5. The undersigned is authorized to sign this undertaking.

Instructions for Online Bid Submission

Instructions to the Bidders to submit the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

- 1 Possession of valid Digital Signature Certificate (DSC) and enrollment/registration of the contractors/bidders on the e-Procurement/e-tender portal are prerequisite for etendering.
- 2 Bidder should register for the enrollment in the e-Procurement site using the "Online Bidder Enrollment" option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the bidders should provide only valid and true information including valid email id. All the correspondence shall be made directly with the contractors/bidders through email id as registered.
- 3 Bidder need to login to the site through their user ID/ password chosen during enrollment/registration.
- 4 Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/nCode/eMudra etc. recognized by Controller of Certifying Authorities (CCA) India on eToken/SmartCard, should be registered.
- 5 The registered DSC only should be used by the bidder in the transactions and should ensure safety of the same.
- 6 Contractor/Bidder may go through the tenders published on the site and download the tender documents/ schedules for the tenders.
- 7 After downloading/getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as required, otherwise bid will be rejected.
- 8 Any clarifications may be sought online through the tender site, through the contact details or during pre-bid meeting if any. Bidder should take into account the corrigendum if any published before submitting the bids online.
- 9 Bidder may log in to the site through the secured login by the user id/ password chosen during enrolment/registration and then by submitting the password of the e-Token/Smartcard to access DSC.
- 10 Bidder may select the tender in which he/she is interested in by using the search option and then move it to the 'my tenders' folder.
- 11 From my tender folder, he may select the tender to view all the details uploaded there.
- 12 It shall be deemed that the bidder has read and understood all the terms and conditions before submitting the offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the incomplete bid shall stand rejected.
- 13 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and ordinarily it shall be in PDF/xls/rar/jpg/dwf formats. If there is more than one document, all may be clubbed together and provided in the requested format. Bidders Bid documents may be scanned with 100 dpi with black and white option. It is advisable that each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same if permitted may be uploaded. The file size being less than 1 MB the transaction uploading time will be very fast.
- 14 The Bidders can update well in advance, the documents such as certificates, annual report details etc., under "My Space option" and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
- 15 Bidder should submit the Tender Fee/ EMD as specified in the tender. Scanned copy of the same should be uploaded as part of the offer. (if applicable)
- 16 While submitting the bids online, the bidder shall read the terms and conditions and may accept the same to proceed further to submit the bid packets.
- 17 The bidder has to select the payment option as offline to pay the Tender FEE/ EMD as applicable and enter details of the same. (if applicable)
- 18 The details of the DD/any other accepted instrument, physically delivered, should tally with the details available in the scanned copy and the data entered during bid submission time, otherwise submitted bid shall not be acceptable or liable for rejection. (If applicable)
- 19 The bidder has to digitally sign and upload the required bid documents one by one as indicated. Every act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read, understood and agreed with all clauses of the bid document including General conditions of contract without any exception.
- 20 The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid may be rejected.

- 21 If the price bid format is provided in a spread sheet file like BoQ_XXXX.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Priced-bid/BOQ template shall not be modified / replaced by the bidder; else the bid submitted is liable to be rejected for the tender.
- 22 The bidders are advised to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission due date and time (as per Server System Clock). The TIA shall not be held responsible for any delay or the difficulties faced during the submission of bids online by the bidders.
- 23 After the bid submission (i.e. after Clicking "Freeze Bid Submission" in the portal), the acknowledgement number indicated by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and also be used as entry pass to participate in the bid opening.
- 24 The time settings fixed in the server side and displayed at the top of the tender site, shall remain valid for all actions of requesting, bid submission, bid opening etc., in the e- Tender system. The bidders should follow such time during bid submission.
- 25 All the data being entered by the bidders would be encrypted using Public Key Infrastructure (PKI) encryption techniques to ensure the secrecy of the data. The data entered is not retrievable by unauthorized persons during the bid submission and until the time of bid opening by any person.
- 26 Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 27 The confidentiality of the bids is maintained with the use of Secured Socket Layer (SSL) 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 28 The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.
- 29 For any queries regarding e-Tendering process, the bidders may contact at address as provided in the tender document. Parallely for any further queries, the bidders are advised to contact over phone: **0120-4001005** or send an e-mail to – cppp-nic@nic.in.

Prequalification

- 1 An undertaking by the firm that it has never been black-listed must be attached along with the Bid, failing which the Bid shall be rejected. (As per Annexure-II)
- 2 True copy of Permanent Account Number.
- 3 Details of GST along with a copy of certificate to be attached.
- 4 Submission of samples if required, for all items indicated in the NIT. The make of items proposed to be supplied should be indicated and submitted along with the techno commercial unpriced bid without indicating the pricing components.
- 5 Willingness to execute all orders which are placed to meet emergency requirement on priority basis. The Bidder shall note that standards for workmanship, material and equipment, and references to brand names designated by the Purchaser in the tender document are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names and/or catalogue numbers in his bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

Tender Acceptance Letter
(To be given on Company Letter Head)

Date:

Sub: Acceptance of Terms & Conditions of Tender.

Tender No. 120000534/MM-4/IITR/2020-21/Renewal of Microsoft Azur/ICC/244

Tender description:

Dear Sir,

- 1 I/We have downloaded/ obtained the tender document(s) for the above mentioned 'Tender No.' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).
- 2 I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like section(s), schedules(s) etc.), which form part of the contract agreement and I/we shall abide hereby by the terms/conditions/ clauses contained therein.
- 3 The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
- 4 I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/entirety.
- 5 In case any provisions of this tender are found violated, then your department/organisation shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

No.	Sr. Name of Work	Renewal of Azure Cloud Service subscription for Hosting of General computing, application and Database Hosting/ Engineering Applications/ IIT-R HPC / Big data Analytics / ML/AI and other API and platform based services.
01.	Validity Period of tender offered	90 days from the stipulated last date of receiving of the tender for this work.
02.	Contract Period	12 months from the date of issue of work order extendable/renewal on mutual agreement.

1. Introduction

As per the requirement of Cloud based Computing services in the name of Indian Institute of Technology Roorkee (IIT-R), M/s. Microsoft Corporation India (Pvt.) Ltd (MCIPL), we request for bids from Authorized Partner of MCIPL to extend/renew the existing Azure Cloud Computing services for education institutes.

This tender is being floated to invite bids to renew the subscription from the Vendors to the Authorized Partner of MCIPL to get competitive quotations/rates for a period of 12 months and extendible for further period without any commercial increment and same terms and conditions.

Azure cloud services must be accessible 24/7 and with the freedom to access via internet, NKN and end user machine with bare minimum configurations via any common browser.

2. SCOPE AND DESCRIPTION OF THE PROJECT

The brief scope and description of the services to be provided by the Service Provider in connection with Azure Cloud Services for the Project is inter alia as follows:

- A. The bidder to help building and configuring resources on Azure cloud for
 - i. General Computing
 - ii. Bigdata Analytics
 - iii. ML/AI Infra and services
 - iv. High Performance Computing Cluster
 - v. Platform based services i.e. PaaS for various applications
 - vi. Low cost storage for data backup and archival

- B. The bidder to provide support and services to build and maintain HPC cluster, BigData Cluster, Analytics Cluster, ML/AI cluster. HPC cluster would require hosting academic and engineering software applications as per anneure-A on HPC Cluster and researchers/users of IIT Roorkee accessing the same remotely using their end user machines. For ML and AI cluster bidder must deploy and help users to configure and access Machine Learning and Deep Learning frameworks and tool.

- C. The existing azure account shall be used for the contract period and Bidder should provide Faculty/Department wise consumption details and bill summary to the Institute.

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- D. The CSP should provide all variants of cloud service as per MeITy guidelines.
 - i. Infrastructure as a Service (IaaS),
 - ii. Platform as a Service (PaaS)
 - iii. Software as a Service (SaaS)

- E. The cloud environment should provide flexibility to scale the environment vertically and horizontally:
 - i. Vertically: Upscale/downscale the solution to higher configuration Virtual Machines (i.e. VMs with different combinations of CPU and Memory)
 - ii. Horizontally: Add more Virtual Machines of the same configuration into a load balanced pool.

- F. HPC, ML/AI cluster require high end infrastructure, therefore the bidder must deploy and manage high end resources on Azure cloud including but not limited to
 - i. AMD 60 cores 2.5 GHz EPYC Processor or better, 240 GB or more RAM, InfiniBand connectivity per server
 - ii. AMD 120 cores EPYC Processor or better, 480 GB or more RAM, InfiniBand connectivity per server.
 - iii. Intel Xeon Scalable 44 cores Processor or better, 350 GB or more RAM, InfiniBand connectivity per server.
 - iv. Intel Xeon 16 core processor or better, 112 GB or more RAM, InfiniBand connectivity for low scaling applications.

- G. The cloud solution must also provide the flexibility of hosting data on the cloud to meet the application requirement on different type of storage including but not limited to
 - i. Block Storage
 - ii. File Storage
 - iii. Object Storage

- H. The cloud solution must also provide the flexibility and various option to use the AI and cloud native machine learning services like
 - i. Preconfigured Machine Learning services
 - ii. Ability to train, deploy and automate model with native ML services
 - iii. Various cognitive services like
 - o Text analytics
 - o Speech services
 - o Language understanding
 - o Computer vision
 - o Face Recognition

- I. The bidder must provision and support on configuration for Data Bases MYSQL, MSSQL, and PostgreSQL SQL, MY SQL, PostgreSQL for different size, configuration and applications
 - o 2 Cores/4 Cores/8 Cores /16 Cores /32 Cores
 - o Platform as database service

- J. The bidder must provide on-demand resources on cloud for Media Services
 - o Video on Demand



- Streaming
 - Live Video
 - Media Analytics
- K. The bidder must provide configuration support on cloud for containers, dockers and other server less infrastructure.
- L. The system should be modular and provide per hour/unit use based charges for the different components including but not limited to: VMs, Storage, Application and Network Load Balancer, Data transfer to and from the data centre, VPN Gateways and firewalls and Content Delivery Networks (CDNs).
- M. For dedicated RDMA backend network. FDR or better InfiniBand network should be enabled wherever applicable for ultra-low-latency and high bandwidth.
- N. On request of IIT-R, the cloud service provider must share the reports of periodic third-party inspections/audits and other certification reports.
- O. The Bidder should have 24x7 NOC center to support the HPC application, provision nodes, power-on and power-off on demand.
- P. The bidder must provide 24 hours **remote/onsite on-demand** support for all the calendar days of year to resolve issues related to cloud infrastructure.
- Q. Virtual Machines and Compute Requirements:
- i. The service shall be available online, on-demand and dynamically scalable up or down per request for service from the end users (The Client) with two factor authentications via the SSL through a web browser
 - ii. Service shall provide auto-scalable, redundant, dynamic computing capabilities of virtual machines
 - iii. The bidder shall ensure that VMs receive OS patching, health checking, Systematic Attack Detection and backup functions.
 - iv. Monitor VM up/down status and resource utilization such as RAM, CPU, Disk, IOPS and network
 - v. Provide hardware or software based virtual load balancer Services (VLBS) through a secure, hardened, redundant CSP Managed Virtual Load Balancer platform.
 - vi. Provide hardware or software based virtual load balancing as a service to provide stateful failover and enable Customers to distribute traffic load across multiple servers.
 - vii. Operating System (OS)
 - Service shall support one or more of the major OS such as Windows, LINUX. Management of the OS processes and log files including security logs retained in guest VMs.
 - Provide anti-virus protection.
 - Provide OS level security as per CSP standard operational procedures as defined in the Information Security Controls for Cloud Managed Services and supporting documentation.



- viii. Provide the capability to dynamically allocate virtual machines based on load, with no service interruption
 - ix. Provide facility to configure virtual machine of required vCPU, RAM and Disk.
 - x. Provide facility to use different types of disk like SAS, SSD based on type of application.
- R. The bidder should quote and also comply as per annexure- B

3. CSP Qualification Criteria

- A. CSP should be operating in India for at least 10 years. The CSP should have experience in India of executing at least 2 government projects of similar nature from Central Govt/PSU in last 3 years for an annual consumption of 6 Cr per year.
- B. Proposed Cloud Service Provider (CSP) should be STQC audited and MeITY empaneled and offer all services from India only as per guidelines of MeITY
- C. The Primary and DR Data Centre (Cloud) shall be physically located in India. The proposed Data centre for DR should be at least 100 KM from current Primary Data Centre and it should not be in same River Flood plain
 - i. The proposed data center must be Tier III or above for better availability of cloud services and certified under:
 - ii. TIA 942/ Uptime Institute Certification
 - iii. Data Centre should be either Seismic Zone-II or Seismic Zone-3 only
- D. CSP should have following certification
 - i. ISO 9001
 - ii. ISO/IEC 27001
 - iii. ISO/IEC 27017
 - iv. ISO/IEC 27018
 - v. ISO/IEC 27701
 - vi. PCI DSS Level 1
 - vii. ISO-22301
- E. The CSP should provide financially backed SLAs for all the services offered and these SLAs should be declared in public portal of CSP.
- F. The CSP should offer services through a Self-Service programmatic interface (i.e. API/CLI) or through a management console or Web Portal.
- G. CSP Should meet and provide below Compute Requirements:



4. PRE Qualification Criteria

The Bidders are required to submit technical bid enclosing therewith photocopies of following documents, failing which their bids will be summarily rejected and will not be considered any further:

Sr. No.	Pre-qualification Criteria As per tender Clause	Vendor Response/ Remarks	Page No.
01.	The bidder must be a company registered under the companies Act, of India/State Registrar.	Documentary (Certificate of incorporation) evidence to be submitted Registration Certificate to do the business for these items/work	
02.	The Bidder must have experience of implementing/maintaining HPC projects and should have been in the HPC business for last 5 years along with Having HPC Business on Cloud for the last 3 years.	Valid work order and certificate from the client	
03	An undertaking by the firm that it has never been black-listed must be attached along with the Bid, failing which the Bid shall be rejected.	Undertaking by the firm.	
04.	The Bidder must have on its roll at least 10 Technically qualified professionals with combinations in the following fields (i) System Integration (ii) HPC (iii)Virtualization (iv)Security (v) Experience in implementing the cloud solution during last years.	Self-Certification by the authorized signatory with clear declaration and qualification/technical experience	
05.	The bidder should have valid GST Registration Certificate,	Submit documentary proof	
06	True copy of Permanent Account Number.	PAN Copy	
07.	The bidder should have executed at least 2 such orders of "Similar Nature" for an amount not less than the bid value in last three financial years.	References order copy along with proof of completion certificate for the project to be provided.	



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08.	The bidder should have sales & Service Business in India with average annual financial turnover not less than Rs.20.0 Crore. During the last three years.	Extracts from the audited Balance sheet and Profit & Loss Account of the Bidder	
09.	The bidder should be the Authorized Partner of M/s. MCIPL for Azure Cloud Services with at least silver or higher partnership with MCIPL(Azure)	Submit documentary proof	
10.	Bidder's Details / Correspondence details about this tender,	Submit a valid document	
11.	Bidder must submit support escalation matrix.		



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Annexure – A

List of application* (which to be deployed, configured and supported on Azure HPC cluster) but not limited to and is subject to change as per requirement from time to time:

S. No	Application Group	Application Name	Type
1	Physics/Mechanics Group	VAMP/VASP	Proprietary
2	Physics/Mechanics Group + Chemical Engineering	GAUSSIAN	Proprietary
3	Physics/Mechanics Group	FLUENT	Proprietary
4	Physics/Mechanics Group	ANSYS Workbench	Proprietary
5	Physics/Mechanics Group	STAR-CCM+	Proprietary
6	Physics/Mechanics Group	LS-DYNA	Proprietary
7	Physics/Mechanics Group	ABAQUS	Proprietary
8	Chemistry/Bio-chemistry group + Chemical Engineering	GROMACS	Freeware
9	Chemistry/Bio-chemistry group	NAMD	Freeware
10	Chemistry/Bio-chemistry group	GAMESS	Freeware
11	Chemistry/Bio-chemistry group	NWChem	Freeware
12	Chemistry/Bio-chemistry group	Dalton	Freeware
13	Environment/Weather	POP	Freeware
14	Environment/Weather	WRF	Freeware
15	Environment/Weather	MM5	Proprietary
16	Electrical Engineering + Chemical Engineering	MATLAB	Proprietary
17	Electrical Engineering + Chemical Engineering	Mathematica	Both
19	Chemical Engineering	COMSOL	Proprietary
20	Chemical Engineering	Materials Studio	Proprietary
21	Chemical Engineering	LAMMPS	Freeware
22	Computer Sc. & Engg.	IBM ILOG CPLEX Optimization Studio	Proprietary
23	Computer Sc. & Engg.	GUROBI Optimizer	Proprietary

* for all licensed and commercial applications software and licenses shall be provided by Institute.



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Annexure -B

Renewal of Azure Cloud Service subscription for Hosting of General computing, application and Database Hosting/ Engineering Applications/ IIT-R HPC / Big data Analytics / ML/AI and other API and platform based services.	
<u>BOQ</u>	
1	Subscription for Azure: Subscription Amount = INR 40 Lakhs (excluding taxes)
2	Management of Subscription as serial number 1 above, related services and support.
<ol style="list-style-type: none">1. Bidder shall continue existing account2. Bidder shall bill for Azure services as per actual on monthly basis as per CSP bill cycle at the rate applicable at the time of billing. The total azure consumption bill should not exceed the amount mentioned above at serial number 1.3. The description of consumption of Azure services shall be provided as an annexure for every month along with the invoices.4. The shall provide 24 hours remote/onsite on-demand support for all the calendar days of year to resolve issues related to cloud infrastructure.5. Bidder shall bill for Management of Azure services on quarterly basis at the end of period.6. Bidder shall help IITR users to optimize their resources, usages provisioned in Azure account.7. Bidder shall help IITR users to build their migration plan, cloud usage plan and applying best practices.8. The Bidder shall execute non-disclosure agreements with IITR with respect to confidentiality of data	

A compliance of above to be provided in the technical bid.

