



**Basic Details**

Organisation Chain	Indian Institute of Technology Ropar		
Tender Reference Number	1870-23		
Tender ID	2024_IITRP_799224_2	Withdrawal Allowed	Yes
Tender Type	Global Tenders	Form of contract	EOI
Tender Category	Goods	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

**Cover Details, No. Of Covers - 1**

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar

**Tender Fee Details, [Total Fee in ₹ \* - 0.00]**

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

**EMD Fee Details**

EMD Amount in ₹	0.00	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

**Work /Item(s)**

Title	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar				
Work Description	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	Shri C D Balaji - cdbalaji@gmail.com Shri Vechatbhai Motibhai Pargi - vmpargi1659@gmail.com				
Tender Value in ₹	NA	Product Category	Laboratory and scientific equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	45
Location	IIT Ropar	Pincode	140001	Pre Bid Meeting Place	M Visvesvaraya Block
Pre Bid Meeting Address	M Visvesvaraya Block Indian Institute of Technology Ropar Rupnagar 140001	Pre Bid Meeting Date	15-May-2024 11:00 AM	Bid Opening Place	M Visvesvaraya Block
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

**Critical Dates**

Publish Date	01-May-2024 03:00 PM	Bid Opening Date	21-May-2024 03:30 PM
Document Download / Sale Start Date	01-May-2024 03:00 PM	Document Download / Sale End Date	21-May-2024 03:00 PM
Clarification Start Date	01-May-2024 03:00 PM	Clarification End Date	08-May-2024 11:00 AM
Bid Submission Start Date	01-May-2024 03:00 PM	Bid Submission End Date	21-May-2024 03:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar	3677.22	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	UPLOAD.pdf	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar	4676.48

**Tender Inviting Authority**

<b>Name</b>	Assistant Registrar
<b>Address</b>	Store and Purchase Section M Visvesvaraya Block Indian Institute of Technology Ropar Rupnagar 140001



# भारतीय प्रौद्योगिकी संस्थान रोपड़ INDIAN INSTITUTE OF TECHNOLOGY ROPAR

रूपनगर, पंजाब-140001/ Rupnagar, Punjab-140001  
Ph. 01881-231285, 231283, e-mail: purchase@iitrpr.ac.in

File No. 1870-23/CH-10033/INSTT/GTE/PS/

Dated 01/05/2024

भारतीय प्रौद्योगिकी संस्थान रोपड़ निम्नलिखित मदों की खरीद की प्रक्रिया में है।

Indian Institute of Technology Ropar is in the process of purchasing following item(s) as per details as given as:-

मद का विवरण <b>Details of the item</b>	Expression of Interest (EOI) for Supply and Installation of HPC Facility at IIT Ropar
बयाना जमा करने के लिए जमा राशि <b>Earnest Money Deposit to be submitted</b>	N/A
वारंटी <b>Warranty</b>	As per Tender
वितरणसमय-सारणी <b>Delivery Schedule</b>	As per Tender

निविदा दस्तावेज केंद्रीय सार्वजनिक खरीद पोर्टल <http://eprocure.gov.in/eprocure/app> से डाउनलोड हो सकते हैं। ई-प्रोक्योरमेंट में पंजीकृत नहीं होने वाले इच्छु बोलीदाताओं को वेबसाइट <http://eprocure.gov.in/eprocure/app> के माध्यम से भाग लेने से पहले पंजीकरण करना चाहिए। पोर्टल नामांकन मुफ्त है बोलीदाताओं को सलाह दी जाती है 'आनलाइन बोली के निर्देश' पर दिए गए निर्देशों के माध्यम से जाने की सलाह दी जाए।

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

निविदाकर्ता वेबसाइट पर निविदा दस्तावेज का उपयोग कर सकते हैं (एनआईसी साइट में खोज के लिए, कृपया निविदा खोज विकल्प और 'आईआईटी' टाइप करें। उसके बाद, सभी आईआईटी रोपड़ निविदाओं को देखने के लिए "गो" बटन पर क्लिक करें) उपयुक्त निविदा का चयन करें और उन्हें सभी प्रासंगिक सूचनाओं से भरे और वेबसाइट पर <http://eprocure.gov.in/eprocure/app> पूरा निविदा दस्तावेज अगले पृष्ठ में दिए गए कार्यक्रम के अनुसार आनलाइन जमा करें।

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Ropar tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in/eprocure/app> as per the schedule given in the next page.

कोई मैनुअल बोली स्वीकार नहीं की जाएगी। सभी कोटेशन (दरसूची) (तकनीकी और वित्तीय दोनों को ई-प्रोक्योरमेंट पोर्टल में जमा करनी चाहिए)।  
No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

(कुलसचिव / Registrar)

SCHEDULE		
Name of Organization	Indian Institute of Technology Ropar	
Tender Type (Open/Limited/EOI/Auction/Single/Global)	EOI	
Tender Category (Services/Goods/works)	Goods	
Type/Form of Contract (Work/Supply//Service/Buy/Empanelment)	Goods	
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems/Lab Equipment)	Goods	
Date of Issue/Publishing	01/05/2024 (15:00 Hrs)	
Document Download/Sale Start Date	01/05/2024 (15:00 Hrs)	
Pre-Bid Meeting Date	15/05/2024 (11:00 Hrs)	
Document Download/Sale End Date	21/05/2024 (15:00 Hrs)	
Last Date and Time for Uploading of Bids	21/05/2024 (15:00 Hrs)	
Date and Time of Opening of Technical Bids	21/05/2024 (15:30 Hrs)	
Tender Fee/EMD	Rs. ___NIL_____-/- (For Tender Fee) Rs. .___NIL_____-/- For EMD)	
	(To be paid through RTGS/NEFT. IIT Ropar Revenue Account Bank details are as under:	
	Name of the Bank A/C	: IIT Ropar Revenue Account
	SBI A/C No.	: 37360100716
	Name of the Bank	: State Bank of India
	IFSC Code	: SBIN0013181
	MICR Code	: 140002008
	(This is mandatory that UTR Number is provided in the on- line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II)	
No. of Covers (1/2/3/4)	1	
Bid Validity days (180/120/90/60/30)	180 days (From last date of opening of tender)	
Address for Communication	Assistant Registrar, Store & Purchase, M. Visvesvaraya Building, Indian Institute of Technology Ropar, Rupnagar – 140001	
Contact No.	01881-231285,89	
Email Address	<a href="mailto:purchase@iitrpr.ac.in">purchase@iitrpr.ac.in</a> , ar.sp@iitrpr.ac.in	
IEM Details	Shri C D Balaji - <a href="mailto:cdbalaji@gmail.com">cdbalaji@gmail.com</a> Shri Vechatbhai Motibhai Pargi - <a href="mailto:vmpargi1659@gmail.com">vmpargi1659@gmail.com</a>	

**Registrar**

## आनलाइन बोली (बिड) के लिए निर्देश / Instructions for Online Bid Submission:

व्यय विभाग के निर्देशों के अनुसार, यह निविदा दस्तावेज केंद्रीय सार्वजनिक प्रापण पोर्टल

(यूआरएल: [URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) पर प्रकाशित किया गया है। बोलीदाताओं को मान्य डिजिटल हस्ताक्षर प्रमाणपत्र का उपयोग करते हुए सीपीपी पोर्टल पर इलेक्ट्रॉनिक रूप से अपनी बोलियों की सॉफ्ट प्रतियां जमा करना आवश्यक है। सीपीपी पोर्टल पर पंजीकरण करने के लिए निविदाकर्ताओं की सहायता करने के लिए नीचे दिए गए निर्देशों तात्पर्य है, सीपीपी पोर्टल पर आवश्यकताओं के अनुसार अपनी बोलियां तैयार करें और अपनी बोलियां आनलाइन जमा करें।

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

अधिक जानकारी सीपीपी पोर्टल पर आनलाइन बोलियां जमा करने के लिए उपयोगी हो सकती है।

More information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app>

### पंजीकरण / REGISTRATION

- 1) बोलीदाताओं को “नामांकन के लिए यहां क्लिक करें ” लिंक पर क्लिक करके सेंट्रल पब्लिक प्रोक्योरमेंट पोर्टल (यूआरएल: [:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) के ई-प्रोक्योरमेंट मॉड्यूल पर भर्ती करना आवश्यक है। सीपीपी पोर्टल पर नामांकन नि:शुल्क है।

Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.

- 2) नामांकन प्रक्रिया के भाग के रूप में, बोलीदाताओं को अपने खाते के लिए एक अद्वितीय उपयोगकर्ता नाम चुनना होगा और एक पासवर्ड प्रदान करना होगा।

As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

- 3) बोलीदाताओं को सलाह दी जाती है कि पंजीकरण प्रक्रिया के भाग के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करें। इनका उपयोग सीपीपी पोर्टल से किसी भी संचार के लिए किया जाएगा।

Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

- 4) नामांकन पर, बोलीदाताओं को सीसीए इंडिया द्वारा मान्यता प्राप्त किसी प्रमाणन प्राधिकरण द्वारा जारी किए गए अपने मान्य डिजिटल हस्ताक्षर प्रमाण पत्र (कक्षा द्वितीय या कक्षा III प्रमाण पत्र के साथ महत्वपूर्ण उपयोग पर हस्ताक्षर करने ) की आवश्यकता होगी। (जैसे सीफी/टीसीएस/एनकोड/ई-मुद्रा आदि), इनके प्रोफाइल के साथ

Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.

- 5) केवल एक मान्य डीएससी एक बोलीदाता द्वारा पंजीकृत होना चाहिए। कृपया ध्यान दें कि निविदाकर्ता यह सुनिश्चित करने के लिए जिम्मेदार है कि वे अपने डीएससी को दूसरों को उधार नहीं देते हैं जिससे दुरुपयोग हो सकता है।

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.

- 6) बोलीदाता फिर अपने यूजर आईडी / पासवर्ड और डीएससी/ईटीकेन के पासवर्ड को दर्ज करके सुरक्षित लॉग-इन के माध्यम से साइट पर लॉग आन करता है।

Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

#### निविदा दस्तावेजों के लिए खोजना / **SEARCHING FOR TENDER DOCUMENTS/**

- 1) सीपीपी पोर्टल में निर्मित विभिन्न खोज विकल्प हैं, ताकि बोलीदाताओं को कई मापदंडों से सक्रिय निविदाएं खोज सकें। इन मापदंडों में निविदा आईडी, संगठन का नाम, स्थान, तिथि, मूल्य आदि शामिल हो सकते हैं। निविदाओं के लिए उन्नत खोज का एक विकल्प भी है, जिसमें बोलीदाता कई नामों को जोड़ सकते हैं जैसे संगठन का नाम, अनुबंध का स्थान, स्थान, सीपीपी पोर्टल पर प्रकाशित निविदा की खोज के लिए तारीख, अन्य कीवर्ड आदि।

There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.

- 2) बोलीदाताओं ने एक बार निविदाएं चुनी हैं जिसमें वे रुचि रखते हैं, उसका वे आवश्यक दस्तावेज / निविदा कार्यक्रम डाउनलोड कर सकते हैं। ये निविदाएं “मेरी निविदाएं” फोल्डर में ले जाई जा सकती हैं। इससे सीपीपी पोर्टल को बोलीदाताओं को एसएमएस / ई-मेल के माध्यम से सूचित किया जा सकता है, यदि निविदा दस्तावेज में कोई शुद्धि जारी की गई है।

Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

- 3) बोलीदाता को प्रत्येक निविदा को निर्दिष्ट अद्वितीय निविदा आईडी का नोट बनाना चाहिए, अगर वे हेल्पडेस्क से कोई स्पष्टीकरण / सहायता प्राप्त करना चाहते हैं।

The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

#### बोली की तैयारी / **PREPARATION OF BIDS**

- 1) बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धि को ध्यान में रखना चाहिए। Bidder should take into account any corrigendum published on the tender document before submitting their bids.

- 2) कृपया बोली के भाग के रूप में जमा किए जाने वाले दस्तावेजों को समझन के लिए निविदा विज्ञापन और निविदा दस्तावेज ध्यान से देखें। कृपया उन अंकों की संख्या पर ध्यान दें जिन में बोली दस्तावेज जमा करना है, दस्तावेजों की संख्या- जिसमें प्रत्येक दस्तावेज के नाम और सामग्री शामिल हैं, जिन्हें प्रस्तुत करने की आवश्यकता है। इनमें से कोई भी विचलन बोली को अस्वीकार कर सकता है।

Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of

documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- 3) बोलीदाता, अग्रिम में, निविदा दस्तावेज/ अनुसूची में बताए अनुसार प्रस्तुत करने के लिए बोली दस्तावेज तैयार करना चाहिए और आम तौर पर, वे पीडीएफ/एक्सएलएस/आरएआर/डीडब्ल्यूएफ स्वरूपों में हो सकते हैं। बोली दस्तावेजों को 100 डीपीआई के साथ काले और सफेद विकल्प स्कैन किया जा सकता है।

Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.

- 4) मानक दस्तावेजों के एक ही सेट को अपलोड करने के लिए आवश्यक समय और प्रयास से बचने के लिए जो प्रत्येक बोली के भाग के रूप में जमा करने के लिए आवश्यक हैं, ऐसे मानक दस्तावेज अपलोड करने का प्रावधान (जैसे पैन कार्ड कॉपी, वार्षिक रिपोर्ट, लेखा परीक्षक प्रमाणपत्र आदि) बोलीदाताओं को प्रदान किया गया है। ऐसे दस्तावेजों को अपलोड करने के लिए बोलीकर्ता उनके लिए उपलब्ध “मेरा स्पेस” क्षेत्र उपयोग कर सकते हैं। बोली जमा करते समय ये दस्तावेज सीधे “मेरा स्पेस” क्षेत्र में जमा किए जा सकते हैं, और उन्हें बार-बार अपलोड करने की आवश्यकता नहीं है इससे बोली जमा प्रक्रिया के लिए आवश्यक समय में कमी आएगी।

To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **बोली जमा करना / SUBMISSION OF BIDS**

- 1) बोलीदाता को बोली प्रस्तुति के लिए अच्छी तरह से साइट पर लॉग इन रना चाहिए ताकि वह समय पर बोली अपलोड कर सके अथवा फिर बोली प्रस्तुत करने के समय से पहले। अन्य मुद्दों के कारण किसी भी देरी के लिए बोलीदाता जिम्मेदार होगा।

Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.

- 2) बोलीदाता को निविदा दस्तावेज में दर्शाए अनुसार एक-एक करके आवश्यक बोली दस्तावेजों को डिजिटल हस्ताक्षर और अपलोड करना होगा।

The bidder has to digitally sign the bid document and upload the required bid documents one by one as indicated in the tender document.

- 3) बोलीदाता को निविदा शुल्क/ ईएमडी को भुगतान के लिए “आन लाइन” के रूप में भुगतान विकल्प चुनना होगा और उपकरण का विवरण दर्ज करना होगा। जब भी, ईएमडी / निविदा शुल्क की मांग की जाती है, बोलीदाताओं को टेंडर शुल्क और ईएमडी अलग-अलग आरटीजीएस के माध्यम से आन लाइन पर भुगतान करने की आवश्यकता होती है।

Bidder has to select the payment option as “on-line” to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, an EMD / Tender fee is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS.

- 4) एक मानक BoQ प्रारूप को सभी बोलीदाताओं द्वारा भरने के लिए निविदा दस्तावेज प्रदान किया गया है। बोलीदाताओं को इस बात का ध्यान रखना चाहिए कि उन्हें आवश्यक प्रारूप में अपनी वित्तीय बोली जमा करनी चाहिए और कोई अन्य प्रारूप स्वीकार्य नहीं है। बोलीकर्ताओं को BoQ फाइल को डाउनलोड करने, इसे खोलने और अपने संबंधित वित्तीय उद्धरण और अन्य विवरण (जैसे बोलीदाता का नाम) के साथ सफेद रंगीन (असुरक्षित) कोशिकाओं को पूरा करना आवश्यक है। कोई भी अन्य कक्ष नहीं बदला जाना चाहिए। एक बार विवरण पूरा हो जाने

पर, बोलीदाता को इसे सहेजना होगा और इसे आनलाइन जमा करना होगा, बिना फाइल नाम बदलें। यदि BoQ फाइल को बोलीदाता द्वारा संशोधित किया गया है, तो बोली को खारिज कर दिया जाएगा।

A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- 5) सर्वर का समय (जो बोलीदाताओं के डैशबोर्ड पर प्रदर्शित होता है) बोलीदाताओं द्वारा बोलियों को खोलने के लिए समय सीमा को संदर्भित करने के लिए मानक समय के रूप में माना जाएगा। बोलीदाताओं को खोलना आदि। बोलीदाताओं को बोली प्रस्तुत करने के दौरान इस समय का पालन करना चाहिए।

The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.

- 6) बोलीदाताओं द्वारा प्रस्तुत सभी दस्तावेज पीकेआई एन्क्रिप्शन तकनीकों का उपयोग करके एन्क्रिप्ट किया जाएगा जिससे डेटा की गोपनीयता सुनिश्चित हो सके। दर्ज किए गए डेटा को अनाधिकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। बोलियों की गोपनीयता को सुरक्षित सॉकेट लेयर 128 बिट एन्क्रिप्शन तकनीक का उपयोग कर रखा जाता है। संवेदनशील क्षेत्रों का डेटा संग्रहण एन्क्रिप्शन किया जाता है।

All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.

- 7) अपलोड किए गए निविदा दस्तावेज केवल अधिकृत बोलीदाता द्वारा निविदा खोलने के बाद ही पठनीय हो सकते हैं।

The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 8) बोलियों के सफल और समय पर जमा होने पर, पोर्टल सभी प्रासंगिक विवरणों के साथ बोली संख्या, बोली जमा करने की तारीख और समय के साथ बोली सफलतापूर्वक जमा करने का संदेश एवं बोली सारांश प्रदर्शित करेगा।

Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.

- 9) कृपया अनुपालन पत्रक की एक पीडीएफ फाइल में सभी प्रासंगिक दस्तावेजों के स्कैन किए गए पीडीएफ को जोड़ दें।

Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

#### **बोलीदाताओं को सहायता / ASSISTANCE TO BIDDERS**

- 1) निविदा दस्तावेज से संबंधित कोई भी प्रश्न और इसमें निहित नियमों और शर्तों को निविदा आमंत्रण प्राधिकरण को निविदा के लिए अथवा निविदा में वर्णित प्रासंगिक संपर्क व्यक्ति से संबोधित किया जाना चाहिए।

Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.



- 2) आनलाइन बोली प्रस्तुत करने अथवा सामान्य में सीपीपी पोर्टल से संबंधित प्रश्नों की प्रक्रिया से संबंधित कोई भी प्रश्न 24x7सीपीपी पोर्टल हेल्पडेस्क पर निर्देशित किया जा सकता है। हेल्पडेस्क के लिए संपर्क संख्या 1800 233 7315 हैं।  
Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

**बोलीदाताओं के लिए सामान्य निर्देश / General Instructions to the Bidders**

- 1) निविदाएं पोर्टल <http://eprocure.gov.in/eprocure/app> के माध्यम से आनलाइन प्राप्त होगी। तकनीकी बोलियों में, बोलीदाताओं को सभी दस्तावेजों को पीडीएफ प्रारूप में अपलोड करना होगा।

The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app> .In the Technical Bids, the bidders are required to upload all the documents in .pdf format.

- 2) कंपनी के नाम में स्मार्ट कार्ड/ई-टोकन के रूप में मान्य क्लास II/III डिजिटल हस्ताक्षर प्रमाणपत्र (डीएससी) के पंजीकरण के लिए एक शर्त है और <https://eprocure.gov.in/eprocure/app> के माध्यम से बोली प्रस्तुत करने की गतिविधियों में भाग ले सकते हैं। डिजिटल हस्ताक्षर प्रमाणपत्र पर अधिकृत प्रमाणित एजेंसियों से प्राप्त की जा सकती है, जिनमें से जानकारी “डीएससी के बारे में सूचना” लिंक के तहत वेब साइट <https://eprocure.gov.in/eprocure/app> पर उपलब्ध है।

Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link “Information about DSC”.

- 3) निविदाकर्ता को सलाह दी जाती है कि <https://eprocure.gov.in/eprocure/app> पर ई-प्रोक्योरमेंट के लिए सेंट्रल पब्लिक प्रोक्योरमेंट पोर्टल माध्यम से आनलाइन बोली के जमा करते समय निविदाकार हेतु निर्देशों में उपलब्ध निर्देशों का अनुगमन करें।  
Tenderer are advised to follow the instructions provided in the ‘Instructions to the Tenderer the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

# **Expression of Interest**

## **High Performance Computing Facility at IIT Ropar**

### **1) INTRODUCTION**

The Expression of Interest (EOI) document contains statements derived from information that is believed to be true and reliable at the date obtained but does not purport to provide all of the information that may be necessary or desirable to enable an intending contracting party to determine whether or not to enter into a contractor arrangement with IIT Ropar in relation to the provision of services. Neither IIT Ropar nor any of its officers, employees, agents, representative, contractors, or advisers give any representation or warranty (whether oral or written), express or implied as to the accuracy, updating or completeness of any writings, information or statement given or made in this EOI document.

### **2) SCOPE OF WORK**

IIT Ropar has envisaged to procure, install, commission of HPCF (High Performance Computing Facility) in Data Centre area with 4 x 42 U racks of average 10kW each with total of 40 kW power available and operation & management of IT components. The key elements of IIT Ropar HPCF would be providing compute facility to different users and department. Bidder is required to install, manage, and administer the HPCS. Bidder has to install and support the HPCF applications.

### **3) COMPUTE REQUIREMENT**

Bidder is supposed to provide sustained 60 TF compute farm with minimum 64 cores in each compute each compute nodes should be offered with minimum 256 GB RAM and 1x M.2 drives for OS. Interconnect between compute nodes should be minimum 200G IB and 1G for management. 2x Master nodes should be separate with minimum 256 GB RAM.

### **4) STORAGE**

Bidder has to provide HPCF optimized Storage over IB with Parallel File system with minimum capacity of 750 TB and 8 Gbps performance or better. Storage should be optimized for HPCF use and OEM should have HPC case reference on same model.

### **5) INTERCONNECT**

200 Gbps IB interconnect for data network and 1G Ethernet for management.

## 6) SOFTWARE

Bidder must provide all software like, job scheduler, Cluster manager, compilers, MPI and application installation and management.

Following are the broad guidelines

- Supply, installation, commissioning of all IT components required for above mentioned HPCF
- Supply, installation, commissioning of Networking & Security Infrastructure as required for solution and other associated IT components in the Data Centre anything required.
- Acceptance testing of all components to be carried out before the commencement of Live Operations.
- Bidder should follow the best practices of the industry while carrying out the installation of the equipment and Operation and Management Phase.
- Network rack interconnectivity in redundant manner and bidder has to follow redundancy in all components wherever possible.

## 7) GENERAL CRITERIA

1. This is an expression of interest in understanding the available latest technologies. The bidder should not propose any End of Life/End of Sale/End of Service Support product.
2. IIT Ropar reserves the right to increase or decrease the proposed quantity of items by up to 25%.
3. The interested bidders/OEM must inform by email to **[purchase@iitrpr.ac.in](mailto:purchase@iitrpr.ac.in)** with their consent to participate in EoI meeting (also called as pre-bid meeting) on or before **11<sup>th</sup> March 2024**. (No request for participation will be entertained after **11<sup>th</sup> March 2024**). Subsequently, IIT Ropar will inform interested bidders/OEM of the schedule of the meeting (time, date, and venue) and invite them to the EoI presentation.
4. Any query/queries must be sent through email to [purchase@iitrpr.ac.in](mailto:purchase@iitrpr.ac.in) before the date of the EoI presentation. No query will be entertained after the EoI meeting.
5. Bidders must visit the site to get all required information such as space, cable routing and lengths, type of cables, and compatibility of proposed solutions. The visit must be completed before the EoI presentation. The proof of visit must be provided during the EoI as well as in the bid.
6. After the completion of EoI, the detailed “specifications” and detailed “terms and conditions” will be provided for bidding as per the requirement of IIT Ropar.
7. The final bid will only be accepted from the bidder/OEM participating in EoI.
8. The entire component solution including each firmware, and hardware component should have a 5-year warranty from the OEM/provider (with 24x7 service level unless specified otherwise).The warranty period is to be counted from the date when the installation is completed, and the acceptance certificate has been issued by IIT Ropar

- a. During the warranty period, Bidder will have to undertake comprehensive maintenance of the entire hardware components, equipment, firmware support, and accessories supplied by the bidder at the place of installation of the equipment.
  - b. The Bidder warrants that all the goods are new, unused, and of the most recent current supported models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
  - c. The bidder has to ensure that the proposed solution delivers an uptime guarantee of 98% of the entire system on a yearly basis (i.e. annual node-hours of uptime). The downtime for 2% or more on a yearly basis will incur a penalty as an extension of the warranty period for a month per 5% downtime, which the bidder has to compensate by increasing the period of subsequent total months of warranty for the entire system.
  - d. The defects, if any, during the guarantee/warranty period are to be rectified free of charge by arranging free replacement wherever necessary. It should be completed within 2 working days for individual servers and the next working day for critical components like internal power supply, networking, and internal storage after the intimation of fault. Any delay in replacement more than 2 days will incur a penalty as extension of warranty period for a month per 10 days of delay, which the bidder has to compensate by increasing the period of subsequent total months of warranty for the entire system.
  - e. In the event of failure of any of the subsystems or components of the proposed solution, the Bidder has to ensure that the defects are rectified within two full working days. Any delay in node warranty servicing beyond 3 days will incur a penalty as an extension of the warranty period for a month per every 10 days (a fraction would be rounded to the nearest multiple of 10 days), which the bidder has to compensate by increasing the period of subsequent total months of warranty for the entire system.
- 9. All bidders must provide separate OEM authorization certificates for the proposed solution components both at EoI and at the final bid. One bidder can bid with only one OEM and vice-versa.
  - 10. A letter of commitment for five years from the date of installation, with respect to Hardware and Firmware support from the OEM should be enclosed in the cover for both EoI and bid.
  - 11. Any item not specifically mentioned in the specification but is required for the successful implementation of the proposed solution must be brought to our notice **during the EoI presentation**. At the time of installation, if it is found that some additional hardware or software items are required to meet the operational requirement of the configuration, but not included in the Bidder's original list of deliverables, the Bidder shall supply such items to ensure the completeness of the configuration at no extra cost.

12. The entire products, solutions, integration, etc. as described in the Schedule of Requirements must be supplied, installed, commissioned & and supported at IIT Ropar.
13. Bidders must provide a complete and detailed Schematic Diagram, Networking, Rack layout, Power and cooling requirements, Electrical infrastructure requirements, and anything else required at the installation site in IIT Ropar.
14. The entire installation should be done at the proposed site only. Requests for remote access for installation/fine-tuning will not be entertained during the installation period. No remote access should be asked for rectification or service related issues during the warranty period.
15. An undertaking (self-certificate) is to be submitted by the bidder that the organization has not been blacklisted by any Central/State Government Department/Organization and educational institutes.
16. Canvassing in any form, including communication with institute officials other than what is provided here, would disqualify the bidder from further participation.
17. Work Experience: Bidder should have direct presence in India for more than 5 years. The proof must be provided during the EoI as well as in the bid. The bidder is desired to be incorporated and registered in India under the Indian Companies Act 1956 or 2013.
18. Turnover: Bidder and OEM should be financially sound to execute the order i.e., Bidder and OEM should have annual turnover of average of Rs. 2.0 Crores for two years in the last three audited Financial Years. The proof must be provided during the EoI as well as in the bid.

**INTEGRITY PACT**

To,

.....  
.....  
.....

**Subject: Tender No. .... for the .....**

Dear Sir,

It is here by declared that Indian Institute of Technology Ropar is committed to follow the principle of transparency, equity and competitiveness in public procurement. The subject Tender is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected. This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the Indian Institute of Technology Ropar.

**Yours faithfully,**

**(Duly authorized signatory of the Bidder)**

## **INTEGRITY PACT**

To,

The Registrar  
Indian Institute of Technology Ropar  
Rupnagar.

**Subject: Submission of Tender for the \_\_\_\_\_.**

Dear Sir,

I/We acknowledge that Indian Institute of Technology Ropar is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document. I/We agree that the Tender is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the Tender. I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by Indian Institute of Technology Ropar. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement. I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, Indian Institute of Technology Ropar shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/ bid.

**Yours faithfully,**

**(Duly authorized signatory of the Bidder)**

## **INTEGRITY PACT**

This **INTEGRITY PACT** is made and executed at.....on this day of.....20.....

BY AND BETWEEN

**THE PRESIDENT OF INDIA** acting through (insert name & designation of the officer), Department of Higher Education/Department of School Education, Ministry of Education, Govt. of India having its office located at Shastri Bhawan, New Delhi-110001(hereinafter referred to as "**The Principal**" which terms or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in office, administrators or permitted assignees) of the **First Part**;

**AND**

M/s..... a company incorporated under the Companies Act..... through its representative/authorized signatory (insert name and designation of the officer) vide resolution dated ..... passed by the Board of Directors, having its office at... (hereinafter referred to as "**The Bidder/Contractor**" which term or expression shall, unless excluded by or repugnant to the subject or context, mean and include its successor-in-office, administrators or permitted assignees) of the **Second Part**.

### **Preamble**

The Principal intends to award, under laid down organizational procedures, contracts for\_\_\_\_\_ The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitors (IEMs) who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

### **Section 1-Commitments of the Principal**

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



- (2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

## **Section 2-Commitments of the Bidder(s)/ Contractor(s)**

- (1) The Bidder(s)/Contractor(s) commit themselves to take all measures necessary to prevent corruption. The Bidder(s) Contractor(s) commit themselves to observe the following principles during participation in the tender process and during the contract execution.
- a. The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
  - b. The Bidders(s) Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
  - c. The Bidder(s) Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidders(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information tained or transmitted electronically.
  - d. The Bidder(s)/ Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed at (page no. 6)
  - e. The Bidder(s)/ Contractor(s) will, when presenting their bid, disclose any and all payments made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
  - f. Bidder(s) /Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision in the matter. The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- (2) The bidder(s)/Contractor(s) will not instigate third person to commit offences outlined above or be an accessory to such offences.

## **Section 3-Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of business dealings". Copy of the "Guidelines on Banning of business dealings" is placed at (page nos. 7-13).

#### **Section 4-Compensation for Damages**

- (1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.
- (2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

#### **Section 5-Previous transgression**

- (1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- (2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of business dealings".

#### **Section 6 - Equal treatment of all Bidders / Contractors/Subcontractors**

- (1) In case of Sub-contracting, the Principal Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor.
- (2) The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- (3) The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate this provisions.

#### **Section 7-Criminal charges against violating Bidder(s)/Contractor(s)/Subcontractor(s)**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

#### **Section 8- Independent External Monitor**

- (1) The Principal appoints competent and credible Independent External Monitor for this Pact after approval by Central Vigilance Commission. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his/her functions neutrally and independently. The Monitor would have access to all Contract documents, whenever required. It will be obligatory for him/her

to treat the information and documents of the Bidders/Contractors as confidential. He/she reports to Secretary, MoE.

- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his/her request and demonstration of a valid interest, unrestricted and unconditional access to their project documentation. The same is applicable to Sub-contractors.
- (4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s) Contractor(s) Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non-Disclosure of Confidential Information' and of 'Absence of Conflict of Interest'. In case of any conflict of interest arising at a later date, the IEM shall inform Secretary, D/o Higher Education.
- (5) The Principal will provide to the Monitor sufficient information about all meeting among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he/she will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- (7) The Monitor will submit a written report to the Secretary, D/o Higher Education within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- (8) If the Monitor has reported to the Secretary, D/o Higher Education, a substantiated suspicion of an offence under relevant IPC / F Act and the Secretary, MoE has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- (9) The word '**Monitor**' would include both singular and plural.

### **Section 9-Pact Duration**

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealing.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by Secretary, D/o Higher Education.

### **Section 10 - Other provisions**

- (1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Office of the Principal, i.e. New Delhi.

- (2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- (4) Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- (5) Issues like Warranty / Guarantee etc. shall be outside the purview of IEMS.
- (6) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.
- (7) The actions stipulated in this Integrity Pact are without prejudice to any other legal action(s) that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

**IN WITNESS WHEREOF**, the parties hereunto set their hands and seals and executed this **INTEGRITY PACT** as of the day/month/year first above written:

For and on behalf of  
**THE PRESIDENT OF INDIA (First Party)**  
SIGNED, SEALED AND DELIVERED by

Name:.....  
Designation:.....  
Address:  
Authorized Signatory

For and on behalf of  
M/s.....(**Second party**)  
SIGNED, SEALED AND DELIVERED by

Name \_\_\_\_\_  
Designation:.....  
Address:.....  
Representative/authorized signatory  
Vide resolution dated ..... passed by the Board of Directors

**In the presence of Witness:**

- 1.
- 2.