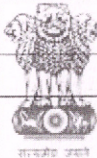



Government eProcurement System		eProcurement System Government of India																			
		Tender Details																			
		Date : 21-May-2025 05:11 PM																			
		 Print																			
<b>Basic Details</b>																					
Organisation Chain	Indian Institute of Technology Ropar																				
Tender Reference Number	IITRPR/ENM/T/25/45																				
Tender ID	2025_IITRP_860996_1	Withdrawal Allowed	Yes																		
Tender Type	Open Tender	Form of contract	Item Rate																		
Tender Category	Works	No. of Covers	2																		
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No																		
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No																		
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No																		
<b>Payment Instruments</b>		<b>Cover Details, No. Of Covers - 2</b>																			
Offline	<table border="1"> <thead> <tr> <th>S.No</th> <th>Instrument Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R-T-G-S</td> </tr> <tr> <td>2</td> <td>NEFT</td> </tr> </tbody> </table>	S.No	Instrument Type	1	R-T-G-S	2	NEFT	<table border="1"> <thead> <tr> <th>Cover No</th> <th>Cover</th> <th>Document Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Fee/PreQual/Technical</td> <td>.pdf</td> <td>Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of I</td> </tr> <tr> <td>2</td> <td>Finance</td> <td>.xls</td> <td>Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall</td> </tr> </tbody> </table>		Cover No	Cover	Document Type	Description	1	Fee/PreQual/Technical	.pdf	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of I	2	Finance	.xls	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall
S.No	Instrument Type																				
1	R-T-G-S																				
2	NEFT																				
Cover No	Cover	Document Type	Description																		
1	Fee/PreQual/Technical	.pdf	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of I																		
2	Finance	.xls	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall																		
<b>Tender Fee Details, [Total Fee in ₹ * - 590]</b>		<b>EMD Fee Details</b>																			
Tender Fee in ₹	590	EMD Amount in ₹	40,670																		
Fee Payable To	Payable To IIT Ropar Revenue Account	EMD Exemption Allowed	No																		
Fee Payable At	Payable At Ropar	EMD Fee Type	fixed																		
Tender Fee Exemption Allowed	No	EMD Percentage	NA																		
		EMD Payable To	Payable To IIT Ropar Revenue Account																		
		EMD Payable At	Payable At Ropar																		
<b>Work / Item(s)</b>																					
Title	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.																				
Work Description	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.																				
Pre Qualification Details	Please refer Tender documents.																				



Independent External Monitor/Remarks	NA				
Tender Value in ₹	20,33,464	Product Category	Electrical Works	Sub category	Lift work
Contract Type	Rate Contract	Bid Validity(Days)	90	Period Of Work (Days)	NA
Location	IIT Ropar	Pincode	140001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	IIT Ropar
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

**Critical Dates**

Publish Date	21-May-2025 05:00 PM	Bid Opening Date	05-Jun-2025 11:05 AM
Document Download / Sale Start Date	21-May-2025 05:00 PM	Document Download / Sale End Date	04-Jun-2025 06:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	21-May-2025 05:00 PM	Bid Submission End Date	04-Jun-2025 06:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.	1006.03

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	MRL.pdf	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.	990.44
	2	BOQ	BOQ_905140.xls	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.	290.00

**Tender Inviting Authority**

Name	Registrar
Address	Registrar IIT Ropar Punjab



भारतीय प्रौद्योगिकी संस्थान रोपड़  
INDIAN INSTITUTE OF TECHNOLOGY ROPAR  
रूपनगर, पंजाब-140001/ Rupnagar, Punjab-140001  
Ph. 01881-235108, e-mail: jr.enm@iitrpr.ac.in

File No. IITRPR/ENM/T/25/45

Dated 21.05.2025

भारतीय प्रौद्योगिकी संस्थान रोपड़, आईआईटी रोपड़ के डाइनिंग हॉल में 1 नंबर 16 पैसेंजर एमआरएल लिफ्ट की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग की प्रक्रिया में है।

Indian Institute of Technology Ropar is in the process of Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar.

कार्य का नाम <b>Name of work</b>	<b>Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.</b>
अनुमानित लागत <b>Estimated Cost</b>	Rs. 20,33,464/-
बयाना जमा करने के लिए जमा राशि <b>Earnest Money Deposit to be submitted</b>	Rs. 40,670/-
समय-सारणी <b>Time allowed</b>	120 Days

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 भरें 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	
Quotation Type (Open/Limited/EOI/Auction/Single/Global)	Open	
Quotation Category (Services/Goods/works)	Works	
Type/Form of Contract (Work/Supply//Service/Buy/Empanelment)	Works	
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems/Lab Equipment)	Electrical Work (Lift Work)	
Date of Issue/Publishing	21/05/2025 (17:00 Hrs)	
Document Download/Sale Start Date	21/05/2025 (17:00 Hrs)	
Document Download/Sale End Date	04/06/2025 (18:00 Hrs)	
Last Date and Time for Uploading of Bids	04/06/2025 (18:00 Hrs)	
Date and Time of Opening of Technical Bids	05/06/2025 (11:05 Hrs)	
Tender Fee/EMD	Rs. 590/- (For Quotation Fee) <b>Rs. 40,670/-</b> (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)	2	
Bid Validity days (180/120/90/60/30)	90 days (From last date of opening of tender)	
Address for Communication	Works and Estate Section, 2nd Floor, East Wing, M. Visvesvaraya Building, Indian Institute of Technology Ropar, Rupnagar – 140001	
Contact No.	01881-235108,5104	
Email Address	enm.office@iitrpr.ac.in,	

**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 प्रोक्युरमेंट पोर्टल (यूआरएल: <http://eprocure.gov.in/eprocure/app>) के ई-प्रोक्योरमेंट मोड्यूल पर भर्ती करना आवश्यक है। सीपीपी पोर्टल पर नामांकन निःशुल्क 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 है, ताकि बोलीदाओं 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 क 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 बदले। 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 हैल्पडेस्क पर निर्देशित किया जा सकता है। हैल्पडेस्क के लिए संपर्क संख्या 1800 233 7315हैं।

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 समान्य 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>.

**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**



**SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 1 NO. 16  
PASSENGER MRL LIFT AT THE DINING HALL OF IIT ROPAR**

NIT NUMBER : IITRPR/ENM/T/25/45  
Issued to : .....

**TO BE SUBMITTED TO:**

**The Registrar  
IIT Ropar  
Rupnagar, Punjab**

## INDEX

**Name of Work : Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar**

<b>S.No</b>	<b>Description</b>	<b>Page</b>
1	Index Page	9
	<b>PART A</b>	10-33
2	<b>Tender Document</b>	11
3	Notice Inviting Tenders	12
4	Tender (Form-6)	13
5	Tender (Form-8)	17
6	Salient/ Mandatory Requirements for the Tender	21
7	Integrity Agreement	23
8	Contract Agreement	29
9	Certificate for works contract	31
10	Declaration of Local	32
11	Declaration of Country of origin of Goods	33
	<b>PART B</b>	34-59
12	Special Conditions	35
13	Scope of Work	36
14	Acceptable List of Materials	49-55
15	<b>PART C</b>	60-63
16	Bill of Quantities (Format Attached only for Reference)	61-63

NIT Amounting to **Rs. 20,33,464/- (Rupees Twenty Lac Thirty three Thousand Four Hundred Sixty Four Only)** [Certified that this NIT contains pages (60 only) pages + (Part C & BOQ Sample contains (3 only) Pages, Total 63 (Sixty Three only) pages only]

Note: Price bid should be uploaded in given BOQ\_XXXX.xls format online and not in the technical bid failing which your bid shall stand rejected. However, the price bid is as follows for your reference.



# PART – A

**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**  
**ESTATE AND MAINTENANCE SECTION**

**TENDER DOCUMENT**

**Name of Work: Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar**

<b>S. NO.</b>	<b>DESCRIPTION</b>	<b>PAGE</b>
<b>1</b>	<b>PART-A</b> (NIT, Form 6 & 8, Performa of schedules etc.)	10-35
<b>2</b>	<b>PART-B</b> (Special conditions, Acceptable List of Makes, Drawings etc.)	36-54
<b>3</b>	<b>PART-C</b> (BOQ Sample format)	53-54

**Notes: The following will be the part of Contract Agreement:**

1. CPWD General Conditions of Contract of 2023
2. Modified upto date for details refer to :[www.iitrpr.ac.in/tenders](http://www.iitrpr.ac.in/tenders) and <https://eprocure.gov.in/eprocure/app>.

**Estimated Cost Rs. 20,33,464/- (Rupees Twenty Lac Thirty Three Thousand Four Hundred sixty four Only)**

**Assistant Engineer (Electrical )**

**Joint Registrar**  
**(Estate & Maintenance)**

**INDIAN INSTITUTE OF TECHNOLOGY ROPAR**  
**WORKS & ESTATE**

**NOTICE INVITING TENDER**

The Registrar, IIT Ropar invites on behalf of Board of Governors of IIT Ropar sealed item rate tender from for the following work:-

**NIT No. IITRPR/ENM/T/25/45**

**Name of work: Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar**

- 
- 1. Estimated Cost:** 20,33,464/-
  - 2. Tender Fees :** 500+18%(GST)= 590/- (Non Refundable)
  - 3. EMD :** Rs. 40,670/-
  - 4. Time of completion:** 120 days.

The bid form and other details can be downloaded from the website [www.iitrpr.ac.in/tenders](http://www.iitrpr.ac.in/tenders) and

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

**Registrar**



**INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR TENDRING FORMING  
PART OF NIT AND TO BE POSTED ON WEBSITE**

The Registrar, on behalf of Board of Governors of IIT ROPAR, invites item rate tenders from registered contractors in appropriate class in CPWD/ MES/ BSNL /Railways/ State PWDs/ Central/State Autonomous Departments and Central PSUs for the following work:

S.no	Name of work and location	Estimated cost put to tender	Tender Fee	Earnest Money Deposit	Period of Completion	Last date for submitting of Bid	Time & date of opening of Tender
1	Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar	Rs.20,33,464/-	Rs. 590/- (non-refundable)	Rs. 40,670/-	120 days	Refer Page no. 2 (Schedule)	Refer Page no. 2 (Schedule)

**ELIGIBILITY CRITERIA :**

1) Contractors who fulfill the following requirements shall be eligible to apply:-

a) Should have completed the works during last seven years ending on previous day of last day of submission of tender out of which at least one should have been executed in Government Departments/Autonomous as mentioned below :

- . 3 (three) “**similar works**” each of value not less than 40% of the estimated cost put to tender.

OR

- . 2 (two) “**similar works**” each of value not less than 60% of the estimated cost put to tender.

OR

- . 1 (one) similar work of value not less than 80% of the estimated cost put to tender.

**\*Similar works means “SITC of Passenger lift up to 1 Ton Capacity”**

b) Enlistment contractors of appropriate class in CPWD/ MES/ BSNL /Railways/ State PWDs/ Central/State Autonomous Departments and Central PSUs.

c) Joint ventures are not accepted:

2) Documents to be submitted with tender :

- a) Enlistment order of the contractor.
- b) Required experience/completion certificate of works.
- c) Certificate of registration for EPF and ESIC.

- d) Copy of GST Registration.
- e) Earnest Money Deposit (NEFT/RTGS in favour of IIT Ropar Revenue Account payable at Ropar/Rupnagar) (Refer Page no.2 (Schedule))
- f) PAN registration with Income Tax Department.
- g) Price quoted for the respective items in words and figures in prescribed format.

Price bid submitted by intending tenderers shall be opened only to those tenderers, whose Earnest Money Deposit and other documents placed are found in order.

The tender submitted shall become invalid if:

- a) The tenderers if found ineligible.
- b) The tenderers does not submit all the documents as stipulated in the tender document.
- c) If any discrepancy is noticed in the documents submitted physically in the office of tender opening authority.

#### **OTHER CONDITIONS :**

- 1) The intending bidder must read the terms and conditions of Form-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
- 2) Information and Instructions for bidders posted on the website shall form part of the bid document.
- 3) The agreement shall be drawn with the successful tenderer on prescribed Form No. Form-8 as modified and corrected upto date which is available as a Govt. of India Publication.

Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement

- 4) The time allowed for carryout the work will be 120 days **(One Hundred Twenty days)** from the date of start as defined in schedule "F" or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender document.
- 5) The site for the work is available.
- 6) The bid document consisting of plans, specifications the schedule of quantities of various types of items to be executed and set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website [www.iitrpr.ac.in/tenders](http://www.iitrpr.ac.in/tenders) and [eprocure.gov.in](http://eprocure.gov.in)
- 7) The contractor whose tender is accepted will be required to furnish a **performance guarantee of 5% (Five Percent)** of the tendered amount within the period specified in Schedule F. This guarantee shall be Deposit at Call receipt of any scheduled bank / Banker's cheque of any scheduled bank / Demand Draft of any scheduled bank / Pay order of any Scheduled Bank of any scheduled bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.

**In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, The EMD will be forfeit.**

- 8) The Institute reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed to be suitable by it, if too many bids are received satisfying the laid down criterion.
- 9) The description of the work is as follows:
- Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer.
- Tenderers, are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to the risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
- 10) The competent authority on behalf of the Director, IIT ROPAR does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all of the tenders received without the assignment of any reason.
- 11) All tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
- 12) Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- 13) The competent authority on behalf of the Director, IIT ROPAR reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
- 14) The contractor shall not be permitted to tender for works in the IIT ROPAR responsible for award and execution of contracts in which his near relative is posted as Group A Officer in Accounts Section or as an officer in any capacity between the grade of Registrar and Junior Engineer (both inclusive).
- He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any officer in the IIT ROPAR. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of the concerned Department / termination of the contract from this institute.
- 15) No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.



- 16) The tender for the works shall remain open for acceptance for a period of **90 days** from the date of opening of tenders. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at a liberty to forfeit 50% of the said earnest money as aforesaid. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
- 17) This Notice Inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall within **15 days** from the stipulated date of start of the work sign the contract consisting of:-
- a) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
  - b) Standard CPWD **Form-8** as modified and corrected.
- 18) Tenders with any condition including conditional rebates shall be rejected forthwith. However, tenders with unconditional rebates will be acceptable.
- 19) Tenderers must associate himself, with agencies of the appropriate class eligible to tender for each of the minor components of work.
- 20) The eligible bidders shall quote rates for all items of major components as well as for all items of minor components of work.
- 21) Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.
- 22) Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The Earnest Money will become part of the security deposit of the major components of work.
- 23) The acceptance of the tender shall be conveyed by the **Joint Registrar (E&M), IIT Ropar** on behalf of the Director, IIT ROPAR.

**Registrar**  
**For & on behalf of the Board of Governors, IIT Ropar**

**ITEM RATE TENDER AND FOR WORKS CONTRACT**

Tender for work of **“Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at the Dining Hall of IIT Ropar”**

- (i) To be submitted by **refer page no.2**
- (ii) To be opened **refer page no.2**

Issued to : \_\_\_\_\_

Joint Registrar (E&M), IIT Ropar

**TENDER**

I/We have read and examined the Notice Inviting tender, schedule, A,B,C,D,E & F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and rules referred to in the conditions of contract and all other contents in the tender document for the work.

A sum of Rs. 40,670/- is hereby forwarded in cash/Receipt Treasury Challan/Deposit at call receipt of a Scheduled Bank/Fixed deposit receipt of Scheduled bank/demand draft of scheduled bank/bank guarantee issued by scheduled bank as earnest money. If I/we fail to furnish the prescribed performance guarantee or fail to commence the work within the prescribed period. . I/we agree that the said Director, IIT, Ropar or his successors in office shall without prejudice to any other right or remedy be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail of commence work as specified, I/we agree that Director, IIT, Ropar or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule ‘F’ and those in excess of that limit at the rates to be determined in accordance with the provision contained in clause 12 of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the tendering process of the work.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived therefrom to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the Institute

I/We undertake and confirm that eligible similar work(s) has/ have not been executed through another contractor on a back to back basis. Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for tendering in IIT Ropar in future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

Dated

Witness:

Address:

Occupation:

Signature of contractor

Postal Address: \_\_\_\_\_

Email : \_\_\_\_\_

### ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Board of Governors, IIT Ropar for a sum of Rs.\_\_\_\_\_.(Rupees

\_\_\_\_\_only), The letter referred to below shall form part of this contract

Agreement:-

- i)
- ii)
- iii)

Dated:

For on the behalf of Board of Governors, IIT ROPAR  
Signature \_\_\_\_\_



## PERFORMA OF SCHEDULES

### SCHEDULE 'A'

Schedule of Quantities.

### SCHEDULE 'B'

Schedule of materials to be issued to the contractor:

S.N.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
-NIL-				

### SCHEDULE 'C'

Schedule of Tools and Plants to be hired to the contractor

S.N.	Description of item	Hire charges per day	Place of issue
1	2	3	4
-NIL-			

### SCHEDULE 'D'

Extra schedule for specific requirements / document the work if any

As attached in for tender form

### SCHEDULE 'E'

Reference to General Conditions of contract.

<b>Name of Work:</b>	<b>Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar.</b>
<b>Estimated cost of the work:</b>	<b>Rs. 20,33,464/-</b>
<b>Earnest Money Deposit</b>	<b>Rs. 40,670/-</b>
<b>Performance Guarantee</b>	5 % of the tendered value of the work
<b>Security Deposit</b>	2.5% shall be deducted from the running bills.

## **SCHEDULE ‘F’**

### **General rules and direction:**

Officer inviting tender

**Joint Registrar (Estate & Maintenance ),  
IIT ROPAR**

### **Definitions:**

2(i) **Engineer-in-Charge**

**Joint Registrar (Estate & Maintenance ) IIT Ropar**

2(ii) Accepting Authority

Registrar, IIT Ropar

2(iii) Standard Schedule of Rates

Delhi Schedule of Rates 2023

2(iv) Department:

Works and Estate, Indian Institute of Technology, Ropar

2(v) Standard contract Form:

GCC 2023, **Form-8** as modified & corrected up to date

### **Clause 1**

i) Time allowed for submission of performance guarantee from the date of letter of acceptance.

7 days

ii) Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period as provided in (i) above.

3 days

### **Clause 2**

Authority for fixing compensation under clause 2

**Registrar, IIT Ropar**

### **Clause 5**

Number of days from the date of issue acceptance for reckoning date of start

3 days of letter of

Time allowed for execution of work

**120 days**

### **Authority to decide**

i) Extension of time

**Joint Registrar (E&M), IIT Ropar**

ii) Rescheduling of milestones

**Registrar, IIT Ropar**

## SALIENT/MANDATORY REQUIREMENTS FOR THE TENDER

**Name of work: Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar**

- 1 The tenderer is advised to read and examine the tender documents for the work and the set of drawings available with Engineer-in-charge. He should inspect and examine the site and its surroundings by himself before submitting his tender.
- 2 Separate schedule of quantity is included in this tender for civil items of work. The contractor shall quote the item rates in figures and words accurately so that  
There is no discrepancy in rates written in figures and words.
- 3 Time allowed for the execution of work is **120 days**.
- 4 The contractor(s) shall submit a detailed program of execution in accordance with the master programme / milestone within **7 days** from the date of issue of award letter.
- 5 Quality of the project is of utmost importance. This shall be adhered to in accordance with the provisions of CPWD specifications and guidelines given in the relevant paras.
- 6 The contractor(s) shall make his own arrangements for water required for the execution of work. For electricity a temporary electric connection at a suitable place shall be provided by the Institute if possible, on request of the contractor. The required cable and electrical meter shall be arranged by the contractor. The monthly consumption of electricity shall be recovered from the running bills of the contractors on the approved rates of the Institute.
- 7 Labour Laws: The contractor will follow all labour laws / acts of Central Govt., Local Govt. applicable from time to time. He should maintain a proper attendance register and record of wages paid to the workers and these documents should be submitted to IIT Ropar on demand along with a record of complaints and whenever asked. He will obtain the necessary Labour license required for engaging labour at site. The bidder should note that wages paid to the workers by the contractor should not be less than minimum wages notified by the Chief Labour Commissioner (Central) from time to time for their respective category. The agency shall comply with all Acts, Laws and Regulations applicable to the area with regard to performance of the work and including, Minimum Wages Act, 1948, Contract Labour (R&A) Act, 1970, Workmen's Compensation Act, 1923 Industrial Dispute Act, 1947 and take such steps as may be deemed necessary in this regard.

It will be solely the contractor's responsibility to face any consequences arising out of non compliance of various labour laws. The contractor shall keep IIT Ropar indemnified and if IIT Ropar has to incur some expenditure due to nonpayment of wages to the labour or non compliance of various labour laws by contractor, the same will be recovered from contractor's bill or from performance security or any other amount due, along with 10% on account of departmental charges.

8. Force Majeure: Neither party shall bear responsibility for the complete or partial nonperformance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as Flood, Fire, EarthQuake, Pandemic and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after signing of the present contract. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.
9. The Contractor should impart training on emergency procedures and basic maintenance of lifts to technicians specified by the Institute.
10. Arbitration: In the unfortunate situation if any disputes, disagreement and controversies arising in any manner, which cannot be settled by mutual agreement between the two parties, shall be resolved through arbitration. The number of arbitrators shall be ONE, shall be appointed by the Director, IIT Ropar. The decision of the sole arbitrator shall be final and binding to both the parties. All provisions of Arbitration and Conciliation Act 1996 (with amendments) shall apply and the legal place of arbitration shall be IIT Ropar, Rupnagar, Punjab. The language of arbitration proceedings shall be English. The Court which has jurisdiction in the matter is District Court, Rupnagar, Punjab.



## INTEGRITY AGREEMENT

This Integrity Agreement is made at ..... on this ..... day of ..... 20.....

### BETWEEN

IIT ROPAR represented through its Registrar, (Hereinafter referred as the 'Principal/ Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

..... (Name and Address of the Individual/ firm/ Company) through ..... (Hereinafter referred to as the (Details of duly authorized signatory) "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context here of include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No. ....)

(hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for .....(Name of work)

hereinafter referred to as the "Contract".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the 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/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner 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/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

#### Article 2: Commitment of the Bidder(s)/Contractor(s)

1) It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his 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/Owner's employees involved in the Tender process or 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 Bidder(s)/Contractor(s) will not enter with other Bidder(s) 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 cartelize in the bidding process.

c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the

business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on

Behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a Subsequent/parallel tender for the same item.

e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/ forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.

5) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/ determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
2. Forfeiture of EMD/ Guarantee/ Security Deposit: If the Principal/ Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/ Contractor.
3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/ Owner will inform the same to law enforcing agencies for further investigation.

#### 4) Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country conforming to the anti corruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statements on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

#### Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.

2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.

3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

#### Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority.

#### Article 7- Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Principal/Owner, who has floated the Tender.

2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

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) It is an agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

#### Article 8- LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contract documents with regard to any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....  
(For and on behalf of Principal/Owner)

.....  
(For and on behalf of Bidder/Contractor)

WITNESSES:

1. ....  
(signature, name and address)

2. ....  
(signature, name and address)

Place:

Dated :

## CONTRACT AGREEMENT

(ON RS.100 NON JUDICIAL STAMP PAPER\*)

(\*= To be purchased and submitted by the Contractor.)

THIS AGREEMENT is made on \_\_\_\_\_ **2024**..... Between **Joint Registrar (E&M), Indian Institute of Technology Ropar, Punjab** (hereinafter referred to as “Client” which expression shall include his successors and assigns), and whose principal place of office is at IIT Ropar, Rupnagar Punjab India 140001 of the One Part,

### AND

**M/s**.....having its registered office at.....(Hereinafter referred to as “the Contractor”) which expression shall unless excluded by or repugnant to the context be deemed to include his successors, heirs, executors, administrators, representatives and assigns) of the other part for

- I. **WHEREAS** the Client invited bids through open tender, vide Notice Inviting Tender dated .....for the work of “Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar” under **Tender No.**
- II. **AND WHEREAS** the Contractor submitted his bid vide..... in accordance with the bid documents and represented therein that it fulfills all the requirements and has resources and competence to provide requisite services to the Client
- III. **AND WHEREAS** the Client has selected **M/s**.....as the successful bidder (“the Contractor”) pursuant to the bidding process and negotiation of contract prices, awarded the **Letter of Acceptance (LoA) No.** ....., to the Contractor on ..... for a total sum of ..... [Rupees ..... Only].
- IV. **AND WHEREAS** the Client desires that the “Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar” as defined in the Bidding Document) be provided, performed, executed and completed by the Contractor, and wishes to appoint the Contractor for providing requisite services to the Client.
- V. **AND WHEREAS** the Contractor acknowledges that the Client shall enter into contracts with other contractors / parties for Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar for its office in cases the Contractor falls into breach of the terms and conditions as stipulated in the Tender Document and shall waive its claim whatsoever in this regard.
- VI. **AND WHEREAS** the terms and conditions of this Contract have been fully negotiated between the Client and the Contractor as parties of competent capacity and equal standing.
- VII **AND WHEREAS** the Contractor has fully read, understood and shall abide by all the terms and conditions as stipulated in the Tender Documents for Supply, Installation, Testing and Commissioning of 1 No. 16 Passenger MRL Lift at Dining Hall of IIT Ropar for Client’s office, failing which the Contract is liable to be terminated at any time, without assigning any reasons by the Client.



VIII. The Client and the Contractor agree as follows:

1. In this Agreement (including the recitals) capitalized words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
  - (a) Notice Inviting Tender Form 6, Form No. 8, Performa of Schedules.
  - (b) The Letter of Intent /Acceptance (LoI/A) issued by the Client.
  - (c) Price Schedule
  - (d) Performance Bank Guarantee.
  - (e) Integrity Pact.
  - (f) The Addenda, if any, issued by the Client.
  - (g) Any other documents forming part of this Contract Agreement till date.
  - (h) Charges – Schedule annexed to this Article of Agreement
  - (i) Supplementary Agreements executed from time to time.
3. Any changes/modifications/amendments required to be incorporated in the Contract Agreement at a later stage shall be discussed and mutually agreed by both the parties and such supplementary agreements shall be binding on both the parties and shall form the part of this contract agreement.
4. This Contract shall be governed by and construed in accordance with the laws of India. Each Party hereby submits to the jurisdiction as set out in the Dispute Resolution Procedure in the Conditions of Contract.

IX. **IN WITNESS WHEREOF** the parties hereto have caused this Agreement to be executed in accordance with the laws of India on the day, month and year indicated above.

Signed on behalf of the Contractor

Signed on Behalf of the Institute

**(Authorised Signatory)**

**(Joint Registrar (E&M), IIT ROPAR)**

<b>&lt;On Organization Letter Head&gt;</b>		
<b>(For Works Contracts, including Turnkey contracts)</b>		
<b>&lt;CERTIFICATE&gt;</b>		
Tender No. :- ..... Date:- .....		
<p>I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries and hereby certify that this bidder is not from such a country and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.</p>		
<b><i>OR (whichever is applicable)</i></b>		
<p>I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries and hereby certify that this bidder is from _____(Name of Country) and has been registered with the Competent Authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority. I also certify that this bidder fulfills all the requirements in this regard and is eligible to be considered.</p>		
<b><i>(Copy/ evidence of valid registration by the Competent Authority is to be attached)</i></b>		
<b>Signature of Bidder/ Agent</b> <b>Name:</b> _____ <b>Designation:</b> _____ <b>Organization Name:</b> _____ <b>Contact No. :</b> _____		

(To be given on Company Letter Head – For tender value below Rs.10 Crores)

(To be given by Statutory Auditor/ Cost Auditor/ Cost Accountant/ CA for tender value above Rs.10 Crores)



**<TO BE PROVIDED BY OEM ON LETTERHEAD>**

(To be given on Company Letter Head – For value below Rs.10 Crores)

(To be given by Statutory Auditor/ Cost Auditor/ Cost Accountant/ CA for value above Rs.10 Crores)

To,  
The Registrar,  
Indian Institute of  
Technology Ropar  
Rupnagar, Punjab - 140001

Subject: - **Declaration of Country of Origin of Goods**

Tender Reference No:

\_\_\_\_\_

Name of Tender/ Work:

\_\_\_\_\_

1. Country of Origin of Goods being offered:\_\_\_\_\_ (OM No. 6/18/2019-PPD dated 23.07.2020)

“\*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours faithfully,

(Signature of the bidder, with Official Seal)

# PART - B

## **SPECIAL CONDITIONS**

1. In the Contract (as hereinafter defined) the following definitions words and expressions shall have the meaning hereby assigned to them except where the context otherwise required.
  - i) “Institute/Department” shall mean the Indian Institute of Technology, Ropar (IIT Ropar)
  - ii) The “President” shall mean the Board of Governors, IIT ROPAR.
  - iii) The term “Director General of Works” shall mean the Director, IIT Ropar.
  - iv) “Superintending Engineer” shall mean the Registrar of the Institute, who as overall In charge and head of the administration shall direct the contract.
  - v) The “Engineer-in-charge”, who shall administer the work, shall be the Joint Registrar (E&M), IIT Ropar.
  - vi) “Accepting authority” shall mean the Registrar, IIT ROPAR on behalf of the Director.
  - vii) “Site Engineers” shall mean the AE (Electrical)/ Junior Engineer (Civil)/Junior Engineer (Electrical) appointed by the Estate & Maintenance department.
  - viii) No labour huts/ jhuggies shall be allowed to be constructed in the campus except for the security persons at work site with proper sanitation arrangements after due approval of the Registrar.
  - ix) Any damage caused to the existing roads, power cables, telephone cables, water lines and structures by the contractor’s equipment, shall have to be made good by the contractor at his own cost.
  - x) Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor at his own expense. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
  - xi) No payment shall be made to the contractor for any damage caused by rain, snowfall, floods, earthquake or any other natural causes whatsoever during execution of work. The damages of the work will be made good by the contractor at his own cost and no claim on this account shall be entertained.
  - xii) For construction works which are likely to generate malba/rubbish to the tune of more than a tempo/truck load, the contractor shall dispose of malba, rubbish & other unserviceable materials and wastes at their own cost to the notified/specified dumping. The malba / rubbish shall be required to be removed from site of work on daily basis, if the same is not removed a token penalty of Rs. 250/- per day shall be levied till the removal of malba. This shall be recovered from the bill. The contractor should not throw the malba from higher floors directly on the ground. It should be brought down through the staircase by the workers or proper chute should be installed for this purpose.
2. **DUTIES & POWERS:**
  - (i) The duties of the Site Engineer(s) are to watch and supervise the works and the workmanship employed in connection with the works, and to test and examine any materials to be used. He shall have no authority to relieve the contractor of any of his duties or obligations under the contract nor, except as expressly provided here under, to order any work involving delay or any extra payment by the Institute, nor to make any variation in the works.

- (ii) The Engineer-in-charge, from time to time in writing, delegates to the Site Engineer(s) any of the powers and authorities vested in them. Any written instruction or written approval given by the Site Engineer(s) to the contractor within the terms of such delegation (but not otherwise) shall bind the contractor and the Institute as though it had been given by the Engineer-in-charge provided always as follows:
  - a) Failure of the Site Engineer(s) to disapprove any work or materials shall not prejudice the power of the Engineer In-charge to subsequently disapprove such work or materials and to order the pulling down, removal or breaking up thereof.
  - b) If the contractor is dissatisfied by reason of any decision of the Site Engineer(s), he shall be entitled to refer the matter to the Engineer- in-charge, who shall thereupon confirm reverse or vary such decision.

### 3. **ASSIGNMENT & SUBLETTING:**

The contractor shall not assign the contract or any part thereof or any benefit or interest therein or thereunder without the written consent of the Engineer In- charge. The whole of the works included in the contract shall be executed by the contractor except where otherwise provided in the contract. The contractor shall not sublet any part of the works without the written consent of the Engineer In- charge and such consent, if given, shall not relieve the contractor from any liability or obligation under the contract, and he shall be responsible for the acts, defaults and neglects of sub-contractor, his agents, servants or workmen, as if they were the acts, defaults or neglects of the contractor provided always that the provision of labour contracts on a piece work basis shall not be deemed to be a subletting under this clause.

### 4. **PROPOSED ACTION IN CASE OF AN ACCIDENT AT SITE:**

- i. In case of any serious accident at work site, the Institute may cause an enquiry / investigation into the accident and depending on the outcome of such enquiry / investigation, the institute may take such action against the contractor as may be deemed fit and appropriate in the discretion of the Director, IIT Ropar which may also lead to termination of the contract, and / or forfeiture of the security deposit made by the contractor, and / or the contractor may be may be debarred from applying for future works in the campus for a specified period.

### 5. **SCOPE OF WORK:**

1. The Scope of work is to provide structure design and SITC of 16 Passenger MRL Lift at Dining Hall of IIT Ropar in accordance with the drawings, specifications and direction of Engineer-in-charge.
2. The scope of Bid is to cover supply, install, test, commission, obtain all necessary statutory approval and maintenance of Lifts during the Guarantee Period in the Building complex as per the Bid documents and Bid drawings. The scope also includes minor Civil and Structural steel works connected with the installation of Lifts.
3. All electrical works connected with Lifts beyond power supply point shall also be included in the scope of the Bid as per this document. During the guarantee period of Two years after successful commissioning, handing over of Lift and taking over by the Employer, the Bidder shall carry out comprehensive maintenance of Lift free of cost.
4. The make of materials mentioned in the Bid document are indicative only and are, by and large, of Indian Origin. Any other equivalent product of International Repute will be acceptable subject to the products satisfying the specified Technical and Operational parameters and subject to prior approval of the Consultant/ Employer.



5. The equipment supplied and erected shall be in accordance with the updated version of IS-4666/1968, 1860/1968 & 1980 and IS:14665-2001, IS:3534/1979. Fire protection requirement as per IS and local authority's requirement shall also be complied with. The Lifts in accordance with any other International Standards, which are superior than the IS standard, shall also be considered.
6. The Bidder shall note the following in the Lift Service particulars covered herein.
  - Capacity & Numbers.
  - Travel height, number of stops and openings.
  - Type of Drive,
  - Type of Safety Gear, door safety
  - Type of Control and operation.
  - Interface leads to be left for Building Management / Automation System.
  - Amenities and finishes in Lift Car.
7. The Bidder shall furnish any other details relevant to the work and not covered in the Bid with financial bearing, if any, explicitly
8. As the Bid documents shall form part of the Agreement, the provisions covered therein should be noted carefully and any deviation felt necessary therefrom shall be highlighted at the time of bidding only and not after.
9. The Bidder shall give rates for all items given in the schedule of quantities.
10. The current statutory requirement as per Lift Rules of Local Authority as applicable shall be complied with, no extra payment shall be considered either due to escalation or amendments / modifications to Local Authority Rules issued during the contract period.
11. The Bidder/ Contractor shall be responsible to obtain necessary approvals, if any required from the concerned department. Nothing shall be paid extra to the successful contractor.

#### **CONTRACT DOCUMENT:**

- 6.1 The several documents, forming the contract, are to be taken as mutually explanatory of one another and in case of ambiguities or discrepancies the same shall be explained and adjusted by the Engineer-in-Charge who shall thereupon issue to the contractor its interpretation directing in what manner the work is to be carried out. In case the contractor feels aggrieved by the interpretation of the Engineer-in-Charge then the matter shall be referred to the Registrar and his decision shall be final, conclusive and binding on both parties to the contract.
- 6.2 The successful tenderer shall be required to enter into an agreement with the Institute. The Bill of Quantities & rates filled by the successful tenderer there in, the General Conditions of Contract for CPWD Works with upto date corrections slip incorporating corrections, CPWD specifications for Civil, the Special conditions, additional specifications, negotiation letter and the award letter etc. shall form part of the agreement to be signed by the successful tenderer. The cost of stamp paper and stamp duty, required for the agreement, shall be borne by the contractor.
- 6.3 TDS & CESS as per prevailing Government notification shall be recovered from the contractor's bills.
- 6.4 EPF & ESI contribution paid to the contract workers shall be reimbursed by the Engineer-in-charge on actual basis after satisfying that it has been actually & genuinely paid by the contractor. The contractor should furnish documentary proof for the contribution made.

- 6.5 **The price quoted by the bidder should be inclusive of all taxes, including GST and labour cess as applicable on the last date of submission of bid. The Institute shall not be responsible or hold liable to any tax which is applicable on the last date of submission.**

**7. CONTRACT AGREEMENT:**

- 7.1 The contract agreement, inclusive of its enclosures, shall remain in the custody of the Joint Registrar, Estate & Maintenance, IIT ROPAR and be made available by him as and when required. Contractor shall however be supplied, an attested copy thereof, free of cost.
- 7.2 Canvassing in connection with tenders is prohibited and the tenders, submitted by the tenderers who resort to canvassing, are liable for rejection.
- 7.3 **Tenderers are not allowed to make additions and alterations in the tender document. Any additions and alterations, if incorporated in the tender, shall be at the tenderer's risk since the modified tender is liable for rejection. Conditional tenders violate the spirit and the scope or the terms & conditions of the tender, are liable to be rejected without assigning any reason. Tenders with conditional rebate are liable for rejection at the sole discretion of the institute.**
- 7.4 The contractor shall have to make his own arrangement of water. The withdrawal of water from the network of the Institute shall not be allowed. No charges shall be recovered if the contractor develops a tube well at site and pumping arrangement at his own cost. The contractor shall have to seek permission of digging borewell etc. for water arrangements from Engineer-in-charge.
- 7.5 Temporary electrical connection (single / three phase) shall be provided by the Institute from its distribution network and the charges shall be realized at the prevalent commercial tariff of the institute, presently recovery rate is Rs. **10.00** per unit on the basis of actual consumption thro' a separate sub-meter under the control of the Engineer-in-charge. If the rates are revised in future the same shall be applicable to the contractor. The contractor at his own cost shall arrange the cable for service connection and the sub meter.
- 7.6 Material for the work shall be arranged by the contractor on his own. No material shall be supplied by the Institute except where specifically mentioned in Schedule 'C'.
- 8. Liquidated Damages:** In case of delay in completion of the contract, liquidated damages shall be imposed one percent of contract value per week subject to a maximum of ten percent of contract value) should be levied.
- 9. Defect Liability Period and Warranty:** The Defect Liability Period for the work is 12 (Twelve) months from the date of completion of work. The performance guarantee will be released after successful completion of work and security deposit will be returned after completion of the defect liability period.

**10. ARBITRATION:**

In the unfortunate situation if any all disputes, disagreements and controversies arising in any manner, which cannot be settled by mutual agreement between the two parties, shall be resolved through arbitration. The number of arbitrators shall be ONE, shall be appointed by Director, IIT Ropar. The decision of sole arbitrator shall be final and binding to both the parties. All provisions of Arbitration and Conciliation Act 1996 (with amendments) shall apply and the legal place of arbitration shall be Rupnagar, Punjab. The language of arbitration proceedings shall be English. The Court which has jurisdiction in the matter is District Court, Rupnagar, Punjab.

**11 Terminal points:**

The terminal point (s) Viz. Civil work and other services shall be as follows:

### **Civil works:**

In addition to the manufacture, supply, installation, testing and commissioning of the lift including all auxiliary equipments, following works shall be deemed to be included within the scope of the work to be done by the contractor and nothing extra on this account shall be paid.

All minor building work necessary for installation of equipment such as making of opening in walls/ floors, either of RCC or brick masonry, etc., and restoring them to original condition and finish. The scope of minor building work includes all grouting and anchoring of all boards, clamps, supports, foundation bolts, installation in position of R.S. joist in the machine room, lift well or in the pit, such works shall exclude cutting of marble work and construction of partition wall wherever involved. Supply of necessary R.S. Joist or angle iron supports brackets, etc., for installation of the lift, either in the machine room or at other places as may be necessary including their installation in position. All minor Civil works are under Lift Contractor's responsibility that include Cutting, Chasing and making good of the same at all levels, conceal the conduits and boxes for Panels. etc. The minor Civil work shall also include items connected with fixing of Sill plate / Sill slab projection, fixing of buffer springs in the lift, fixing and mounting beams, bearing plate etc. at the Lift Machine room.

### **Electrical Works:**

Power supply – 1&3 Phase; 230/400 Volts 50 Hz Power supply will be provided at panel in ground floor by the Institute by a main Switch in Main panel.

The lift contractor's scope will be extending the power supply from panel at ground floor to machine room/Motor with earthing (GI plate) & 2 no's 8SWG copper wire with pit etc. all as per IS 3043, MCB DB with MCBs / isolators in /at required place and further electrical works like wiring in lift shaft etc.

The signals from the Fire mode services of the Lifts shall be integrated into the overall fire alarm system, forming part of the work site / building. For this purpose, sufficient potential free leads shall be left by the Lift Contractor at appropriate locations from which the building will connect the interface to Institute.

All electrical works except bringing in main connection and earth connection to the machine room terminated on suitable switch fuse unit/ board. All electrical works including inter-connection from this switch/ board and loop earthing from the earth bar to be provided in the machine room shall be done by the successful contractor. Responsibility to ensure safety of lift materials against pilferage and damage till the installation is handed over to the consignee.

## **COMMERCIAL AND ADDITIONAL CONDITIONS**

### **1.0 GENERAL**

- 1.1 This specification covers supplying, testing of equipments, as may be necessary before dispatch, delivery at site, all preparatory work installation, commissioning of Passenger Lift final testing & commissioning, handing over to user Department.
- 1.2 Location: The equipment's will be installed at Dinning Hall IIT ROPAR CAMPUS, BIRLA FARM, ROPAR (PUNJAB).
- 1.3 The work shall be executed as per CPWD General Specifications for Electrical Works Part-I (Internal) 2013, Part-III (Lift & Escalators) 2003, as amended up to date, relevant I.E. Rules, National Building Code-2016, BIS/IEC and as per directions of Engineer-in-Charge. These additional specifications/ conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these additional specifications and conditions, as the same are to be read along with schedule of quantities for the work.

- 1.4 Contractor is advised to visit the site of work before actual tendering to acquaint himself fully regarding the site conditions, availability of water, provisions and other necessities to be made for execution of work and arrangement to be made for labor and supervisory staff including transportation and cartage etc. as required.
- 1.5 No T&P shall be issued by the Department and nothing extra shall be paid on account of this.
- 1.6 All tenderers should visit the site before quoting. So it will be assumed that the work has been quoted considering present site condition and the work will be completed in all respect without claiming anything etc.
- 1.7 The contractor shall ensure that all the persons executing the electrical work have the valid electrical license; consequences arising due to the fault of contractor to comply with the above conditions would be contractor's responsibility.
- 1.8 The contractor is bound to sign the site order book as and when required by the Engineer-in-charge and carry out the instructions record therein.
- 1.9 All debris generated due to execution of this work shall be removed and shall be cleared by the contractor day to day work and as soon as his work is completed.
- 1.10 The work shall not be taken over in parts unless otherwise agreed to by the Engineer-in-charge
- 1.11 Testing of the installation shall be done in the presence of representative of the firm and a satisfactory completion certificate shall be required from the contractor.
- 1.12 **The quoted rates should be inclusive of all taxes, GST, all Cess, cartage, wastage, packing, forwarding etc. and nothing extra will be paid.**

## **2.0 COMMERCIAL CONDITIONS:**

- 2.1 Type of Contract: The work to be awarded by this tender shall be treated as indivisible works contract.
- 2.2 E-Tenders are invited only from specialized firms who fulfill criteria mentioned in CPWD 6.

## **3.0 TERMS OF PAYMENT**

The following percentage of contract rates for the various items included in the contract shall be payable against the stage of work shown herein.

- i) 50% after initial inspection (wherever specified) & delivery at site in good condition on pro- rata basis.
- ii) 30% after completion of installation in all respects.
- iii) Balance 20% will be paid after testing, commissioning and handing over to the department for beneficial use.

#### **4.0 WORK TO BE CARRIED OUT BY SUCCESSFUL TENDERER**

4.0 In addition to the item covered by the schedule of work and specification the following shall be included in the scope of work of successful tenderer within the quoted rates.

4.0.1 drawings of Goods Lift including the entire design to be submitted for execution as per existing site condition.

#### **5.0 COMPLETENESS OF TENDER**

All sundry equipment, fittings, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specially mentioned in the tender documents or not.

#### **6.0 STORAGE AND CUSTODY OF MATERIAL**

The agency has to make his own arrangements for storage. No separate storage accommodation shall be provided by the department. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

#### **7.0 CARE OF THE BUILDING**

Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste material arising out of the installation from the site of work.

#### **8.0 COMPLETION PERIOD**

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc., arrangement of materials & equipments, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer-in-Charge.

#### **9.0 GUARANTEE**

All equipments shall be guaranteed for a period of 12 months, from the date of taking over the installation by the department, against unsatisfactory performance and/or break down due to defective design, workmanship or material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by department at the risk and cost of contractor. The decision of the Engineer-in-Charge in this regard shall be final & binding on the contractor.

The tender shall guarantee among other things, the following:

- (a) Quality, strength and performance of the materials used as per manufacturer's standards.
- (b) Safe mechanical and electrical stress on all part under all specified conditions of operation.
- (c) Satisfactory operation during the maintenance period

## **10.0 OTHER CONDITIONS:**

The firms shall be responsible for providing the system fulfilling the specifications, capacity and all other related requirement of system ensuring compatibility between different items of work.

The firm shall be required to supply all the items of same make (among the list of approved makes) or as per manufacturer standard to ensure compatibility, proper matching and ease of maintenance.

Department reserves the right to accept the upgraded version of various items, if there is technological advancement with reference to these makes/models. The decision of department in this reference shall be final and binding on the firms.

Technical specifications of all the materials shall be got approved by Engineer-in-charge for use at site before execution. Decision of Engineer-in-charge in this regard shall be final and binding.

## **11.0 DATA MANUAL AND DRAWINGS TO BE FURNISHED BY THE TENDER: After award of work:**

- 11.1 The bidder shall furnish detailed technical literature, pamphlets and performance data for appraisal and evaluation of the offered materials before actual use in the work.
- 11.2 The successful bidder would be required to submit the following within 07 days of award of work for approval before commencement of installation.
  - a) Shop drawing of Goods Lift with details of all equipments etc.
  - b) Any other drawings necessary for the job.
- 11.3 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of equipments regarding installation, adjustments operation and maintenance including preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue etc. all in triplicate.

## **12.0 EXTENT OF WORK**

12.0 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the department. The term complete installation shall not only mean major items of the plant and equipments covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender document in connection with this contract as this is a turnkey job.

- 12.1 In addition to supply, installation, testing and commissioning of Goods Lift following works shall be deemed to be included within the scope of work to be executed by the Contractor as this is a turnkey job -
  - (a) Minor repairing works necessary for installation of equipments,
  - (b) All supports for cables and Channels/ Trunking for erection as are necessary.

### **13.0 EXCLUSION AND WORK TO BE DONE BY OTHER AGENCIES**

The following shall be excluded from the scope of the work:

- (a) Major dismantling of any existing building work.

### **14.0 INSPECTION AND TESTING**

- 14.1 The contractor shall submit all relevant documents/certificates of the equipment supplied by him.
- 14.2 Copies of all documents of test certificates of the equipment carried out at the manufacturer's premises shall be furnished to the Engineer-in-Charge and consignee.

### **15.0 INDEMNITY**

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipments under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

### **16.0 COMPLIANCE WITH REGULATIONS AND INDIAN STANDARDS**

- All works shall be carried out in accordance with relevant regulation both statutory and those specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:
  - (i) Factories Act.
  - (ii) Indian Electricity Rules
  - (iii) B.I.S. & other standards as applicable.
  - (iv) Workmen's compensation Act.
  - (v) Statutory norms prescribed by local bodies like CEA, Power Supply Co., Police Deptt. etc.
- Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.
- Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirements would make the tenderer liable for a penalty of Rs.5000/- for each default. In addition, the department will be at liberty to make arrangements for safety requirements at the cost of the tenderer and recover the cost thereof from him.

### **17.0 COOPERATION WITH OTHER AGENCIES**



The successful tenderer shall co-ordinate with other contractors and agencies engaged in the construction of buildings, if any, and exchange freely all technical information so as to make the execution of this work / contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want of cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the tenderer himself.

#### **18.0 ERECTION TOOLS**

No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.

#### **19.0 TRANSPORTATION, INSURANCE AND STORAGE**

The contractor shall have to make his own arrangement for transportation from the point of issue of stores to site and safe custody of the materials issued and nothing extra will be paid to him on this account. All consignments are to be duly insured up to the destination from the warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

#### **20.0 VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION**

The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

#### **21.0 PAINTING**

This shall include the cost of painting of the entire installation. The major equipment and its accessories shall be factory final finish painted. The agency shall be required to do only touch up to the damages caused to the painting during transportation, handling & installation at site, if there is no major damage to the painting. However, hangers, supports etc. of cable shall be painted with required shade including painting with two coats of anticorrosive primer paint at site.

#### **22.0 MAINTENANCE**

22.1 Sufficient trained and experienced staff shall be made available to meet any exigency of work during the guarantee period of **one year** from the handing over of the installation.

22.2 The contractor shall carry out routine, preventive as well as comprehensive maintenance as per manufacturer's standards for a period of **12 months** from the date of handing over. Nothing extra shall be paid on this account.

#### **23.0 INTERPRETING SPECIFICATIONS**

In interpreting the specifications, the following order of decreasing importance shall be followed in case of contradictions:

- BOQ
- Technical Specifications
- Drawing (if any)
- General Specifications

**24. Completion plan and completion certificate:**

- 24.1 For all works completion certificate after completion of work as given in Appendix–E of CPWD Specification of electrical works shall be submitted to the Engineer-in- charge.
- 24.2 Completion plan drawn to a suitable scale indicating the following duly laminated print in triplicate shall also be submitted -
- i. General layout of the building.
  - ii. Locations of all installed equipments
  - iii. Name of work, job number, tender reference, actual date of completion, names of Division/ Sub-division and name of the firm who executed the work with their signature

**25. Conformity to IE act, IE Rules, and standards:**

All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 1910 and Indian Electricity Rules, 1956 amended up to date (Date of call of tender unless specified otherwise).

**26. Quality of material:**

All materials and equipment supplied by the contractor shall be new. They shall be of such design, size and materials as to satisfactorily function under the rated conditions of operation and to withstand the environmental conditions at site.

**27. INSPECTION AND TESTING**

All the equipment and fabricated items etc. shall be offered for initial inspection at manufacturer's works in India. The contractor will intimate the date of testing of equipment at the manufacturer's works before dispatch. The successful tenderer shall give advance notice of minimum two weeks regarding the dates proposed for such tests to the Engineer in charge to facilitate his presence during testing. The Engineer in Charge may witness such testing. The cost of Engineers' visit to the manufacturers works will be borne by the Department. All the equipment will be inspected at the manufacturer's authorised dealers premises before dispatch to the site by the contractor if so desired by the Engineer in charge. All routine tests conforming to relevant IS as applicable shall be carried out in the presence of Engineer-in-Charge or his authorized representative. The department reserves the right to inspect or not to inspect the equipment at the works of the manufacturer. In the later case confirmation in writing will be issued by the department. However, nothing extra shall be paid for conducting routine tests in the presence of the department's representative. Copies of all manufacturer's routine and type test certificates of the equipment carried out at the manufacturers premises shall be furnished to the inspecting officer and consignee. After completion of work in all respects, the contractor shall offer the installation for testing and operation.

If the tests fail, then the cost of the travel, lodging and boarding of the inspection team of the officials of the department ( for 2 Nos. officials ) shall be borne by the contractor for all

subsequent visits till the tests are satisfactorily conducted

28. Adequate care to ensure that only tested and genuine materials of proper quality are used in work shall be ensured by the firm. The firm shall ensure that:
- i. Material will be ordered & delivered at site only with the prior approval of the department to ensure timely delivery.
  - ii. As and when the order is placed for the equipment/material, its copy shall be endorsed to the IIT Ropar Engineer-in-charge.
  - iii. The firm will be required to procure material directly from the manufacturer/ authorized dealers to ensure genuineness & quality and as per the approved makes only. Proof in this regard shall be submitted by the contractor if required by the department. Inspection at factory or at godown of the manufacturer, as required, shall be arranged by the firm for a mutually agreed date.
  - iv. Delivery of material shall be taken up only with the consent of the department, after clearance of the material.
  - v. Department shall reserve the right to waive inspection in lieu of a suitable test certificate, at its discretion.

29. Similarly, for fabricated equipment, the contractor will first submit dimensional detailed drawings for approval before fabrication is taken up in the factory. Suitable stage inspection at the factory also will be made to ensure proper use of materials, workmanship and quality control.

**30. DAMAGE CAUSED BY RAIN, SNOWFALL, FLOOD OR ANY OTHER NATURAL CALAMITY**

No payment shall be made for any damage caused by rain, snowfall, flood or any other natural calamity, whatsoever during the execution of the work. The contractor shall be fully responsible for any damage to the govt. property and the work for which payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his material, T&P/Machinery brought to the site by him.

**31. CLEANLINESS OF SITE AND INSPECTIONS**

- i. The contractor shall take instructions from the Engineer-In-Charge regarding collection and stacking of materials at any place.
- ii. IIT Ropar Authorities shall be inspecting the on-going work at site at any time with or without prior intimation. The contractor shall display a board showing detail of work, weekly progress achieved with respect to targets, reason of shortfall, status of manpower, wages being paid for different categories of workers.

## **GENERAL TERMS AND COMMERCIAL CONDITIONS**

1. The work shall be carried out strictly in accordance with the CPWD General Specification for Electrical works, Part-I Internal 2013 and Part III 2003 (Lift & Escalators) as amended up to date . All installations shall also comply with the requirements of Indian Electricity Rules 1956, as amended up to date. In case of items not covered by the above specifications the work shall be carried out as per the instructions of the Engineer -in- Charge.
2. All materials used shall conform to relevant Indian Standard Specification and wherever existing materials with ISI certification mark shall only be used.
3. The contractor shall have to obtain prior approval from Engineer -in -charge before placing the order for any specific materials. The Engineer-in-Charge may approve any of the makes /Brands out of the list of accepted makes (enclosed). All the materials to be used in the work shall be approved by the Engineer-in-charge prior to their actual work.
4. Bad workmanship shall be rejected.
5. All repairs and patch works shall be neatly carried out to match with the original finish by the contractor to the entire satisfaction of the Engineer-in-Charge.
6. All the debris due to the electrical works shall be cleared every now and then and the site shall be kept clean by the contractor at all times.
7. The contractor is fully responsible to make his own arrangements for the watch and ward of materials at site as well as the installations provided by him till such time the installation / work is completed and handed over to the department in satisfactory working condition for which no extra claim will be entertained on account of damage, theft, pilferage etc., for the materials and installations.
8. The contractor shall make his own arrangement for all General and Special T & P required for the work. No T & P items shall be supplied by the department.
9. The material to be used in the work shall be procured only from authorized source / dealers /distributors and documentary evidence to this effect shall be submitted as and when desired to the Engineer-in-Charge or his representative failing which the Engineer -in -charge reserves the right to reject the materials in toto.
10. Price quoted shall be inclusive of all taxes including GST.
11. The quantities given in the schedule of work for all the items are tentative. The work shall be carried out as per actual requirement and as approved by the Engineer -in - Charge.
12. GST, Labour Cess, Income Tax and other statutory deductions as applicable shall be deducted at source from the contractor's bills
13. The work shall be carried out in Dinning Hall, IIT Ropar, Ropar, Punjab.
14. All the items shall be guaranteed for a period of one year.
15. All necessary connectors & accessories etc. required for testing & commissioning shall be provided by the agency within the quoted rates &. Nothing will be paid extra.
16. All statutory / Mandatory recoveries in force and as notified by competent authority from time to time shall be recovered from the bills of the agency.
17. No damage shall be caused to the existing structure / installation / equipment during the course of execution of the work. Any damage caused shall be made Good at no extra cost.

18. All the minor openings in the walls / ceiling including chases etc in the walls shall be part of the scope of the work and nothing extra shall be paid on this account. All the minor openings and chases etc made shall be finished properly
19. The price quoted shall be firm and inclusive of all taxes i/c GST, duties, levies, labour welfare Cess. GST and Labour welfare Cess will be deducted at source from the contractor's bills.
20. All the workmen engaged for the work shall get social security benefits from Contractor like EPF & ESI and proof shall be submitted to JE(E)/AE(E).
21. The scope of work includes all supports and having arrangements etc. required from the ceiling / struss supports etc. nothing extra shall be paid.
22. All equipment's/ components shall be mutually compatible and the complete system as a whole must function in an efficient way.
23. Various sundry items for cable connectivity such as connectors, lugs, thimbles etc. shall not be separately payable unless specified in the BOQ.
24. The firm should visit the site before quoting their rates so as to satisfy themselves with all site working conditions, cable routes etc.
25. OEM/Bidder should not be blacklisted or banned by any Government tender in India.
26. Lift OEM shall have a testing tower situated in ~~India~~ as per MII policy which shall be capable of testing the Goods Lift as per the requirement of IIT Ropar. Lift shall be offered for testing and inspection at this facility (in India) to Engineer-in-charge before dispatch to site.
27. The manufacturer shall furnish an undertaking regarding availability of spares for the entire expected life of the lift i.e. 15 to 20 years.
28. The down time of installed lifts being maintained by the manufacturer shall not be more than 8 hrs (average) in case of minor faults and 7 days (average) in case of major faults during the last one financial year.

**ACCEPTABLE LIST OF MATERIALS**  
**LIST OF APPROVED MAKES/AGENCIES**  
**FOR WORKS COVERED UNDER THIS CONTRACT**

- 1) All materials and products used in the work shall conform to the relevant standards/ specifications and shall be of approved make and design. Lists of approved manufacturers/ vendors for Civil works, Plumbing works, Fire fighting & Fire Alarm works, Electrical works etc. is given below. The approval of a manufacturer/ vendor shall be given only after review of the sample/specimen by the Engineer-in-charge. The complete system and installation shall also be in conformity with the "Applicable Codes Standards and Publications".
- 2) List of Approved makes for Products, Materials and specialist agencies is given below. Other equivalent manufacturers may be considered with prior approval; however the decision of the Engineer-in-charge shall be final.

S. No.	ITEM	MAKE
1.	GREY CEMENT	J.P., ACC, LARSEN & TOUBRO, GUJARAT AMBUJA, VIKRAM, BINANI J.K, BIRLA, SHREE OR ANY OTHER BRAND WITH APPROVAL OF ENGINEER-IN-CHARGE.
2.	WHITE CEMENT	JK WHITE, BIRLA WHITE OR EQUIVALENT
3.	REINFORCEMENT/STRUCTURAL STEEL	SAIL, TISCO, RINL, JINDAL
4.	NON STRUCTURAL STEEL	SAIL, TATA, RINL, JINDAL
5.	ANTI-TERMITE TREATMENT	PEST CONTROL INDIA LTD, PEST CON INDIA, PEST CONTROL INCORPORATED, OR ANY OTHER AGENCY TO BE APPROVED BY THE ENGINEER-IN-CHARGE.
6.	CONCRETE ADDITIVE	FOSROC CICO-TL, SIKA, PIDILITE
7.	FLUSH DOORS, SHUTTERS	KUTTY FLUSHDOOR, KITPLY INDUSTRIES (SWASTIK), CENTURY, ANCHOR, MERINO.
8.	PLYWOOD / BLOCK BOARD / SOFT BOARD	ANCHOR, DURO, GREEN LAM, CENTURY, ARCHID PLY,
9.	PRELAMINATED PARTICLE BOARD	ACTION TESA, NOVAPAN, ANCHOR, MERINO, GREEN LAM, CENTRURY, ARCHID PLY
10.	VENEERED PARTICLE BOARD	KITPLY, ACTION TESA, GREENLAM MERINO.
11	LAMINATED PARTICLE BOARD/ LAMINATES	KITPLY, ACTION TESA, GREENLAM, CENTURY PLY, MERINO, SUNMICA, FORMICA,GVK

12.	LAMINATES	CENTURY, MERINO, GREEN LAMP, ARCHID LAM
13.	ADHESIVE FOR WOOD WORK	DUNLOP, FEVICOL, VAMICOL, PIDILITE
14.	POLYURETHANE SEALANT	MBT, CHOKSEY, PIDILITE
15.	SILICON SEALANT	DOWN CORNING, ALSTONE OR EQUIVALENT
16	FALSE CEILING- GYPSUM	SAINT GOBAIN, LAFARAGE, VANS GYPSUM, INDIA GYPSUM, BERAL GYPSUM, ARMSTRONG
17	FALSE CEILING- METAL	SAINT GOBAIN, ARMSTRONG, DEXURE, SAS, AURA, LINDNER
18.	POLYETHELENE BOARD	SUPREME OR EQUIVALENT
19.	ALUMINIUM EXTRUSIONS	JINDAL, HINDALCO, INDALCO OR EQUIVALENT
20.	STAINLESS STEEL	SALEM, JINDAL OR EQUIVALENT
21.	EXPANSION, FASTENERS	FISCHER, HILTI, ANCHORS, AXEL
22.	<b>FLOAT GLASS</b>	MODI GUARD, SAINT GOBAIN, ASAHI, ATUL
23.	CERAMIC TILES	NITCO, KAJARIA, SOMANY, JOHNSON, VARMORA
24.	VITRIFIED PORCELINE TILES	NAVEEN DIAMOND TILES, NITCO, JOHNSON, MARBITO BRAND, RAK, KAJARIA, VARMORA, CT TILES
25.	INTERLOCK TILES/GRASS PAVER BLOCKS/ KERB STONE	DALAL TILES, UNISTONE, MODERN OR EQUIVALENT
26.	TERRAZZO TILES	NITCO, MODERN, A-1, NTC, DALAL TILES OR EQUIVALENT AS PER ISI SPECIFICATION
27.	CEMENT CONCRETE TILES	UNISTONE, ULTRA, DALAL TILES OR EQUIVALENT
28.	HANDMADE CERAMIC TILES	RAJA, ARIHANT, JAIN
29.	ROOF WATER PROOFING	NINA CONCRETE SYSTEM PVT. LTD, C R S ASSOCIATES AND ENGINEERS PVT.LTD, CREATIONS, PIDILITE
30.	PAINT	NEROLAC, JOHNSON & NICHOLSON, BERGER, ASIAN PAINTS, SHALIMAR
31.	TEXTURED COATING	UNITILE, SPECTRUM, HERITAGE OR EQUIVALENT
32.	DOOR FITTINGS	GODREJ, DOORSET, OZONE, INDOBRASS
33.	LOCKS AND HANDLES	EVERITE, GODREJ, HARRISON, INDOBRASS

34.	NON METALLIC COMPOUND	HARDENER FOSROC, S TP, PIDILITE, CICO
35.	ROLLING SHUTTER	RAMA, PRAKASH, SANJEEV OR EQUIVALENT AS PER CPWD SPECIFICATIONS.
36.	DOOR CLOSER	DOORSET, EVERITE, GREEZ, GODREJ
37.	FLOOR DOOR SPRING	D-LINE, OZONE, DOORSET, EVERITE, INDOBRASS
38.	HDF LAMINATED BOARD	ARMSTRONG, BVG, EGO FLOORS, SQUARE FOOT, ACTION TESA
39.	EXPANSION FASTENERS	HILTI, FIHSER, GKW, AXEL
40.	FASTENERS	HILTI, FIHSER, GKW, AXEL
41.	GYPSUM CEILING	INDIA GYPSUM, LAFARGE
42.	CALCIUM SILICATE BOARD FALSE CEILING	AEROLITE, HYLUX
43.	PATCH FITTING	DORMA, GEZE, OZONE OR AS APPROVED
44.	WORK STATION AND MODULAR FURNITURE	GODREJ, BP ERGO, FEATHERLIGHT, WIPRO
45.	BLINDS	VISTA, MAX, ARMSTRONG
46.	ADHESIVE	FEVICOL, VEMICOL OR EQUIVALENT
47.	FURNITURE HARDWARE	HATTICH INDIA, EBCO, EARL BEHARI
48.	LACQUERED GLASS	SAINT GOBIN, ASAHI, ATUL
49.	MELAMINE POLISH	ASIAN PAINT, BERGER, TIMBER STONE OF ICI DOLEXZ, WUDFINE OF PIDILITE
50.	Sandwich PUF Panel	SINTEX, JINDAL, SYNERGY THYRISLINGTON



### **Approved Make List**

<b>S.No.</b>	<b>Items</b>	<b>Makes</b>
1	Lift	i) M/s OTIS Elevator Company India Ltd. ii) M/s KONE Elevator India Pvt. Ltd. iii) M/s Johnson Lifts pvt. Ltd. iv) M/s Schindler India Pvt. Ltd v) M/s. Mitsubishi Elevators. vi) M/s Omega Elevators.
2	MS Conduit (ISI marked)	BEC/AKG/NIC/Steel craft/M-Key, SK(E.R.W)
3	PVC Conduit and accessories	Polycab/AKG/Asian
4	1.1 KV aluminium armoured XLPE insulated and PVC sheathed Cable (LT cable)	Havells/KEI/Gloster/Grandlay /Plaza/ National/ Paragon
5	FRL SPV Cinsulated copper conductor stranded flexible wire/control cables	Havells/Finolex/KEI/Grandlay/RRKabel/Gloster/Polycab/Plaza
6	Cable Raceway floor/wall mounted and accessories	Schenider/Legrand/Cooper
7	Modular Switch & Socket	Legrand (Mylus, Arteor)/M.K.(Element)/Schneider (ZenceloIndia)/Havells/ABB/Northwest
8	Metal clad Industrial Socket	Legrand/Siemens/Schneider/C&S/ABB
9	Cat-6 Cable	Beldon/Siemon/Legrand/Penduit( Pannel)
10	Cable Glands	Dowells/Commet/Gripwell/Raychem
11	Crimp Patch Cord	Beldon/Siemon/Legrand/Penuit(Pannel)
12	Protection Device (MCB/RCCB/DB/ELCB)	Siemens(Betagard),/Hager/Schneider/Legrand/ C&S/ ABB Legrand / ABB / L&T /Siemens / Havells / C&S /Schneider / GE / Hagger / Anchor / Standard
13	MCCBs	Siemens(3VA)/L&T/Schneider/Legrand/C&S/ ABB
14	Power contactor	Siemens/L&T/ Schneider/ Legrand/ ABB/C&S
15	Surge Protection Devices	Siemens/L&T/Schneider/Legrand
16	Panel Accessories	Siemens/L&T/Schneider/Legrand/Tecnic/ ABB/ C&S/Neptune
17	Selector Switch	Salzer/Seimens/BCH/ Kacee
18	Auxiliary Relays	Siemens/L&T/Schneider/Legrand/ABB
19	LED/Metal Halide/Fluorescent Internal Lighting Fixture	Philips/Wipro/Havells/Crompton/Decon/Bajaj
20	External Lighting Fixture	Philips/Wipro/Havells/Crompton/Bajaj
21	Emergency Lighting/Exit Sign boards	Philips/Havells/Lighting Technologies/Trilux/Prolite

22	Ceiling Fan(ISI marked & BEE rated 5 star)	Havells/Almonard/Orient/Usha/Bajaj/Crompton
23	Paint	Nerolac/Asian/Berger
24	Advance Lighting Protection System (Early Streamer Emission Type)	LPI(Australia)-by allied power/SGI(Duval Messien/satellite (France)- by SGI/Bradlay (USA)-byJMV/Erigo (USA)-by security shoppe/ABB
25	GI Pipe	Tata/Jindal/SAIL
26	Main LT Panels/MCC Panel	(Main LT panel / MCC Panel board should be IEC61439 part-1 and II manufacturer has to produces the relevant test certificate as per IEC code for the same failing which panel shall be rejected). Tricolite/Siemens / Schneider/ Milestone/Neptune.
27	Air Circuit Breaker	Siemens/Schneider/L&T/Legrand/ C&S/ABB
28	Surge Voltage Protection	Siemens/Schneider/L&T/Legrand/ABB
29	Earth fault module	Siemens/Schneider/L&T/Legrand
30	Protection relays	Siemens/Areva/L&T/Legrand
31	CTs and PTs	Kappa/AE/Matrix

32	DigitalMeters	Siemens(PAC)/ Schneider/(conzerv)/Secure Enersol /L&T/Neptune
33	Change Over Switch	L&T/Havells/Socomec/ABB/C&S/HPL
34	Indicating lamps	ESBEE/Schneider/Siemens/Vaishno/Neptune/L &T
35	Power capacitors	Epcos/Neptune/Legrand/ABB/L&T/ Siemens/ CGL
36	AutomaticPowerfactor correction relay/controller	Epcos/Siemens(PAC)/Schneider (Conzerv)/L&T/Neptune/Sigma
37	SealedMaintenanceFree Batteries	Exide/Panasonic/Hitachi/Shinkobe
38	Battery charger	Caldyne/ChhabElectricals/Statcon/MaxPower
39	CableTrays(Factory Fabricated/Overhead & FloorRaceways	Legrand/MEM/OBO/Milestone/Neptune
40	HDPE underground cable duct	RexPolyextrusion/Tirpura/Plasomatics /Duraline
41	Insulation Mats	DLMiller&Co.Ltd.?PremierPolyfilmLtd./RMG PolyvinylIndiaLtd/Jyoti
42	Smoke/Heatdetectors	Apollo/SystemSensor/ Agni
43	Manual Call point	PRD/System-Tek/Simplex/SystemSensor/Agni
44	Response indicators	PRD/System-Tek/Simplex/SystemSensor/Agni
45	Fire Exit Signs	System-Tek/Simplex/Agni
46	Fire Control Panel	System-Tek/Morley/Agni
47	Speaker/ Hooter	System-Tek/Philips/Agni

48	Occupancy Sensors/Movement Sensor	Legrand/Philips/Wipro
49	Flush type switch/socket	Anchor/Kinjal/SSK/HavellsReo
50	Fuses witches unit/switchfuse unit/HRC fuse	L&T/Siemens/Havells/C&S
51	Exhaust fan	Almonard/Alstom/Crompton/Havells
52	XLPE insulated HT cables	Gloster/KEI/Havells
53	Cablelug	Ascon(Heavygauge)/Jainson/Dowells/Ismael
54	Lamp Holder (Brass)	Kay/SSK/Kinjal
55	Telephone wires/Telephone Cable/jelly filled telephone cables	Finolex/Delton/Havell's/R.R.Kabel
56	Telephone tag blocks	Krone/ Pouyet
57	Telephone outlet	MKElectric/Legrand(Mosaic)/Crabtree (Piccadilly)
58	Gl raceways	MilestoneEngineering/Legrand/MDS/Neptune SystemsPvt.Ltd./MK
59	PVC raceways	Legrand/MK
60	Electronic ballast	Philips/Wipro/Bajaj/Decon/Crompton/Havells
61	DLP plastic trunking	Legrand/MK
62	Geysers	Recold/Venus/Usha Lexus /Spherehot

63	TowerLight	Ligman/Simes/Bega
64	HT/LT transformers	ABB/Schneider/CGL / Kirloskar/Siemens
65	HTSF-6 circuit breakers/VCB	Siemens/ABB/CGL/Schneider/Areva
66	Programmable Logic Controller(PLC)	Siemens/Allen-Bradley/Schneider
67	Earthing(Chemical Earthing) Plate Earthing	JMV/AsperCPWDNorms
68	Octagonal Pole	Bajaj/ Crompton/ Phillips
69	11kV HT panel Incoming relay	CGL/Schneider/ABB/Siemens
70	Control Relay Panel	CGL/Schneider/ABB
71	Lightning Arrestor	ABB/Alltec/JMV

72	Temp. Gauge	Guru
73	Gate Valve	Leader/Sant
74	Electrical Backup	Sparehot/ Racold
75	PVC Tank	Syntex/ Polycon
76	Thermostat	ISIMarked
77	Flat Collector Plate	Solo crome/Tata BP/ Racold
78	S.S Sheet	Jindal /National
79	HT/LT cable joints (Straight through/outdoor/indoor)	3M/Denson/MSeal/Raychem/Cabseal
80	Alternator	STAMFORD/CromptonGreaves/Kirloskar
81	DG Set-Engine	Sterling & Wilson/Caterpillar/ComminsPower/eneration/Kirloskar
82	Makes of accessories of HT/ LT Panel/Transformers	As per standard practice of the manufacturer.
83	Bus Trunking	C&S/ L&T/Schneiderasper standard practice of OEMmanufacturer/ channel partner
84	HT Panel 11 KV	ABB/Schneider/CGL (Crompton GreavesLtd.)
85	Bus Duct	Neptune/Milestone/Tricolite
86	Switch Fuse Unit (HRC Type)	Schnider/GE/L&T/Siemens/C&S/Havells/MD S
87	Selector Switch	Salzer- L & T /Kaycee

### **Undertaking from Lift OEM's (Original Equipment Manufacturer)**

The lowest tenderer shall submit along with the performance guarantee after the acceptance of tender, an undertaking from OEM's as at Annexure-1 regarding lift/elevator as mentioned below:

#### **ANNEXURE – 1**

Original Equipment Manufacturers (OEM) undertaking for providing 5 years of Comprehensive Maintenance services of the lift proposed to be supplied to IIT Ropar under the above tender No..... by M/s.....

1. We ....., OEM for lift/elevator do hereby give undertaking to IIT Ropar for the 5 years of Comprehensive Annual Maintenance support through M/s..... or self (OEM) lowest tenderer for the work, —Supplying, installation, testing & commissioning of 01 Nos. 16 passenger MRL Lift at Dinning Hall and its AMC for 05 years at (G+1) Dinning Hall IIT Ropar”.

1. We also give undertaking to provide maintenance/service support and all the spares to IIT Ropar throughout the useful life of the equipment 's for the passenger lift. M/s.....

**Authorized signatory with stamp.**

## ANNEXURE – 2

### **Particulars of Lift Service requirement**

<i>Sr. No.</i>	<i>Particulars</i>	<i>Recommended</i>	<i>Offered</i>
1	Application	Passenger, Handicap friendly	
2	Capacity	16 (Sixteen) persons	
3	Load	1088 Kg Capacity Passenger elevator, Make :- i) M/s OTIS Elevator Company India Ltd. ii) M/s KONE Elevator India Pvt. Ltd. iii) M/s Johnson Lifts pvt. Ltd. iv) M/s Schindler India Pvt. Ltd v) M/s. Mitsubishi Elevators. vi) M/s Omega Elevators.	
4	Number of Lifts	1 no. (one)	
5	Speed	1.0 meters per second. (Minimum)	
6	Level	G+1,	
8	Servicing	Lift should serve from G+1 Thus servicing 2 levels and 2 openings same side.	
9	Size of the lift car	To be given to suit the available & lift shaft.	
10	Fan	300 mm with grill	
11	Entrance width and type of door	To be given (as per standard to enable to enter wheel chair) Center opening/telescopic automatic power operated	
12	Power Supply	415 Volts (+/-) 10 %,3 Phase, 50 hz AC Systems	
13	Car enclosure & Door	Shall be of hairline finish stainless steel with mirror with handrail etc. Inner surface of Car door shall be Hairline finish stainless steel with full size vision panel all as per General specification.	
14	Car floor	Anti-skid	
15	Car fittings	LED light with auto as well as manual control	
16	Drive & Machine	A.C. variable voltage variable frequency type & Gearless, Permanent Magnet Gearless	
17	Control Operation	Elevator served and should be in simplex control with /without attendant.	
18	Safety Gear	Over speed Governor instantaneous type operating on Electro Mechanical basis.	

19	Hoist way size in mm-	as required	
20	Hoist way door	Stainless steel hairline finish.	
21	Lift pit depth	As required – As per standard	
22	Intercom	3-way intercom system will be provided. Additionally, there should be provision to fix IIT intercom to be mounted flush to car wall which will be connected to IIT EPABX.	
23	Car Emergency Light	Emergency Battery operated power supply (EBOPS) for light, alarm and a fan to be provided with electric power supply to the light in the car, when the main power supply is not available. The operation to be automatic and no need of manual intervention to be required.	
24	Load weighing Device with bypass function	To be provided which senses the load. Facility to be provided for bypassing a registered landing call be a car loaded more than 80%	
25	Full length infra-red safety light curtain infra-red operated doors safety system.	To be provided. The Light Curtain to consist of infra-red-light beams passing between Car Door Entrances and one side of the Entrance the light source is being sensed by sensors. If an object cuts the light beams the receivers will sense and give door command to the door operating system. This is to sense the passenger movement without being getting in to physical contact of doors with human being or other materials like trolley, perambulator etc., which ensures the highest safety to the passenger and other items transported by Elevator. This infra-red light curtain to operate as low as from 100 mm to a height of 2 meters, so the system can even detect the movement of child, pet etc., and thus ensures complete safety to users.	
26	Fireman Drive	Provision for Fireman drive to be made to bring the car to the main floor immediately after the fire switch is operated. Thereafter the car is for operation by the rescue person. All landing calls are ignored. Lift answers one car call at a time. The rescue person controls opening and closing of doors at a floor. Returns to normal when fire switch is	

<b><i>Sr. No.</i></b>	<b><i>Particulars</i></b>	<b><i>Recommended</i></b>	<b><i>Offered</i></b>
		opened. Fireman switch Drive to be provided to ground all the lifts.	
27	Automatic rescue device:	To bring the car to the nearest landing in case of power failure and also System failure.	
28	Battery operated emergency alarm bell.	To be provided	
29	Stainless steel signal fixtures:	To be provided	
30	Individual light and fan on/off switches	To enable the passenger, use the light and fan switches to his/her choice.	
31	Cooling fan for lift motor	To keep the motor in a cool condition against heating up of motor coil is increased thereby	
32	Cooling fan for lift controller	To keep all electronic components in a cool condition, all safety logic circuits are protected. Lives of electronic components are increased.	
33	Door open/door close functions in car	Door open/door close functions are provided in the car to deal with the emergency situations and to have a better operation by the attendant.	
34	Direction and position indicator in car and landings	Direction and position indicator to be provide in car and Landings.	
35	Home floor parking selection	Lift will stay after service at the landing it last arrived. If required by client, contractor to make home parking arrangement at the designated floor.	
36	Main entrance floor selection	This is the floor at which the fireman switch and alarm bell will be fixed. So that in case of emergency the lift can be taken control by the firemen at that floor.	
37	Variable door opening time.	The opening time of the car door and landing door can be varied according to the requirement.	
38	Full collective logic	Full collective control system to be provided to facilitate the optimum function of the elevator. Here the lift will accept the car and landing calls in both directions	
39	Type of Machine	Gearless/ Machine Room Less	
40	Inspection Clause	Contractor has to arrange inspection of factory for persons at their own cost.	



# PART – C

Note: Price bid should be uploaded in given BOQ\_XXXX.xls format online and not in the technical bid failing which your bid shall stand rejected. However, the price bid is as follows for your reference

Validate

Print

Help

**Item Wise BoQ**Tender Inviting Authority: **Indian Institute of Technology Ropar**Name of Work: **SITC of 16 Passenger MRL Lift at Dining Hall of IIT Ropar**Tender No: **IITRPR/ENM/T/25/45**

Name of the Bidder/ Bidding Firm / Company :								
<b>PRICE SCHEDULE</b> <b>(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)</b> <b>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )</b>								
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE is inclusive GST and other taxes Rs. P	TOTAL AMOUNT with Taxes col (14) = sum (8) to (13) in	TOTAL AMOUNT In Words
1.01	Supplying, Installation, testing and commissioning of 16 passenger machine room less lift in the existing Lift shaft serving different floors as per detailed specifications	item1	1.00	Job	INR		0.00	INR Zero Only
1.02	<b>a)</b> Speed: 0.5 MPS, Floors: G + 1, Travel: 5.0 Mtrs (Approximate), <b>b)</b> Stops & Opening: 2 Stop (all opening on the same side), Controller: A.C. variable voltage & variable frequency. Automatic rescue device completes with dry maintenance free batteries as required. <b>c)</b> Operation: Collective Selective With ON/OFF Switch. <b>d)</b> Power: 415 V with 10 % Variation, 3 phase, 50 Hz, 4 wires system. <b>e)</b> Door operator: Automatic D.C. Operation with adjustable door opening & closing timings. <b>f)</b> Car size: - as per Site (As per IS: 14665-1) <b>g)</b> Hoist Way Required: - Finished Dimensions and Protected by CENTER OPENING SS DOOR HAIR LINE. <b>h)</b> Car Entrance: -Centre Opening Hair Line Finish with Infrared Curtain. ii) Car Floor: - marble/granite finishing as approved by Engineer in charge iii) Car Fitting: - Led light and cross flow fan. <b>i)</b> Car door & Car Panels: Stainless steel 1.5mm thickness grade 304 hair line finish. <b>j)</b> Location of machine room: Permanent magnet synchronous electric traction gearless motor to be hoisted on guide rail within the hoist way (without machine room) as per OEM Design. <b>k)</b> Auto light & fan off, overload warning indicator with announcement, SS handrail on all side ,battery operated emergency light with rechargeable battery, battery operated emergency alarm with rechargeable battery, adjustable guide and speak intercom, load weighing device with overload bypass feature, steel items, door frames sill angles, fascia plates, spring buffers, automatic phase reversal device, manual rescue lever, infrared safety curtain, car platform constructed ,out of cold rolled grain oriented formed sheets of steel, fire man switch at main lobby, pit ladder, Led dot matrix scrolling display in car and each landing, fire man switch as per latest elevator and escalator act, free service for one year complete as required.							
1.03	<b>Minor Component -Electrical Works</b>							
1.04	<b>Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.</b>							
1.05	Group -C	item2	8.00	point	INR		0.00	INR Zero Only
1.06	<b>Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class steel conduit as required.</b>							
1.07	2 x 1.5 Sq.mm. + 1 x 1.5 Sq.mm earth wire	item3	10.00	mtr	INR		0.00	INR Zero Only
1.08	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	item4	25.00	mtr	INR		0.00	INR Zero Only

Sl. No.	Item Description	Item Code / Make	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE is inclusive GST and other taxes Rs. P	TOTAL AMOUNT with Taxes col (14) = sum (8) to (13) in	TOTAL AMOUNT In Words
1.09	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	item5	20.00	mtr	INR		0.00	INR Zero Only
1.10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6- & 15/16-amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	item6	5.00	Nos.	INR		0.00	INR Zero Only
1.11	<b>Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</b>							
1.12	8 way Double door	item7	2.00	Nos.	INR		0.00	INR Zero Only
1.13	<b>Supplying and fixing following rating, four pole, 415 V, TPN MCB in the existing MCB DB complete with connections, testing and commissioning etc. as required.</b>							
1.14	63 amp	item8	1.00	No.	INR		0.00	INR Zero Only
1.15	<b>Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.</b>							
1.16	Single Pole	item9	4.00	Nos.	INR		0.00	INR Zero Only
1.17	Single pole and neutral	item10	1.00	No.	INR		0.00	INR Zero Only
1.18	Supply, installation, Testing & Commissioning of wall / ceiling mounted (1200mm length) LED batten light fixture with high efficiency diffuser complete with electronic driver, P.F>0.9, THD<10%, rated life of L-70 @ 50,000 having minimum lumens output of 3800 lumens & efficacy better than 100 lumens/watt with CRI > 80,driver efficiency not less than 85% including connection with 3 x 1.5 sq.mm pvc insulated FRLS copper conductor cable in flexible metallic conduit etc, as required.(Make; Philips Light Model No. BN 021 LED40S-6500 PSU GR (4 ft) or equivalent in Trilux/LT)	item11	2.00	Nos.	INR		0.00	INR Zero Only
1.19	Supply, Installation, Testing & Commissioning of LED bulk head with IP65 Protection & IK08 impact resistance suitable for surface and wall mounting with CRCA / Diecast powder coated housing, high efficiency PMMA diffuser complete with electronic LED driver, PF>0.9, THD<10%, rated life of L-70 @ 30,000 hours having minimum 6.5 watt with CRI> 70 including connection with 3x1.5 Sq. mm PVC insulated FRLS copper conductor cable etc as reqd (Philips Vista Glow or equivalent in Trilux/LT)	item12	5.00	Nos.	INR		0.00	INR Zero Only

[illegible]