
	Government eProcurement System		eProcurement System Government of India						
	Tender Details								
				Date : 02-Feb-2024 05:01 PM					
 Print									
Basic Details									
Organisation Chain	Indian Institute of Technology Ropar								
Tender Reference Number	IIRPR/EE/T/24/293								
Tender ID	2024_IITRP_793538_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						
Payment Instruments		Cover Details, No. Of Covers - 2							
Offline	S.No	Instrument Type	Cover No	Cover	Document Type	Description			
	1	R-T-G-S	1	Fee/PreQual/Technical	.pdf	Illumination of hockey field at sports complex in IIT Ropar permanent campus			
	2	NEFT	2	Finance	.xls	Illumination of hockey field at sports complex in IIT Ropar permanent campus			
Tender Fee Details, [Total Fee in ₹ * - 590]				EMD Fee Details					
Tender Fee in ₹	590	Fee Payable To	Payable To IIT Ropar Revenue Account	Fee Payable At	Payable At Ropar	EMD Amount in ₹	16,292	EMD through BG/ST or EMD Exemption Allowed	No
Tender Fee Exemption Allowed	No					EMD Fee Type	fixed	EMD Percentage	NA
						EMD Payable To	Payable To IIT Ropar Revenue Account	EMD Payable At	Payable At Ropar
Work /Item(s)									
Title	Illumination of hockey field at sports complex in IIT Ropar permanent campus								
Work Description	Illumination of hockey field at sports complex in IIT Ropar permanent campus								
Pre Qualification Details	Please refer Tender documents.								
Independent External	NA								

Monitor/Remarks					
Tender Value in ₹	8,14,615	Product Category	Electrical Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work (Days)	20
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	02-Feb-2024 05:00 PM	Bid Opening Date	12-Feb-2024 09:00 AM
Document Download / Sale Start Date	02-Feb-2024 05:00 PM	Document Download / Sale End Date	09-Feb-2024 05:00 PM
Clarification Start Date	02-Feb-2024 05:00 PM	Clarification End Date	08-Feb-2024 04:00 PM
Bid Submission Start Date	02-Feb-2024 05:00 PM	Bid Submission End Date	09-Feb-2024 05:00 PM

Tender Documents					
NIT Document	S.No	Document Name	Description	Document Size (in KB)	
	1	Tendernotice_1.pdf	Illumination of hockey field at sports complex in IIT Ropar permanent campus	1936.37	
Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	hockeycpp.pdf	Illumination of hockey field at sports complex in IIT Ropar permanent campus	1920.87
	2	BOQ	BOQ_834035.xls	Illumination of hockey field at sports complex in IIT Ropar permanent campus	257.50

Tender Inviting Authority	
Name	The Registrar
Address	IIT Ropar



भारतीय प्रौद्योगिकी संस्थान रोपड़ INDIAN INSTITUTE OF TECHNOLOGY ROPAR

रूपनगर, पंजाब-140001/ Rupnagar, Punjab-140001
Ph. 01881-235101, e-mail: ee@iitrpr.ac.in

File No.IITRPR/EE/T/24/293

Dated 02/02/2024

भारतीय प्रौद्योगिकी संस्थान रोपड़, खेल परिसर में हॉकी मैदान को रोशन करने की प्रक्रिया में है।

Indian Institute of Technology Ropar is in the process of Illumination of hockey field at sports complex in IIT Ropar Permanent Campus..

कार्य का नाम Name of work	Illumination of hockey field at sports complex in IIT Ropar permanent campus
अनुमानित लागत Estimated Cost	Rs. 8,14,615/-
बयाना जमा करने के लिए जमा राशि Earnest Money Deposit to be submitted	Rs. 16,292/-
समय-सारणी Time allowed	20 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 Works	
Date of Issue/Publishing	02/02/2024 (17:00 Hrs)	
Document Download/Sale Start Date	02/02/2024 (17:00 Hrs)	
Document Download/Sale End Date	09/02/2024 (17:00 Hrs)	
Last Date and Time for Uploading of Bids	09/02/2024 (17:00 Hrs)	
Date and Time of Opening of Technical Bids	12/02/2024 (09:00 Hrs)	
Tender Fee/EMD	Rs. 590/- (For Tender Fees) Rs. 16,292/- (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.	01881-235102,5104	
Email Address	xenoffice@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) बोलिदाताओं को “नामांकन के लिए यहां क्लिक करें” लिंक पर क्लिक करके सेंट्रल पब्लिक प्रोक्यूरमेंट 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 खखोज के लिए तारीख, अन्य कीवर्ड आदि।

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

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

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

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

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

बोली की तैयारी / **PREPARATION OF BIDS**

- 1) बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धि को ध्यान में रखना चाहिए।

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

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

Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

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

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

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

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

बोली जमा करना / SUBMISSION OF BIDS

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

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

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

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

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

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

- 4) एक मानक BoQ प्रारूप को सभी बोलीदाताओं द्वारा भरने के लिए निविदा दस्तावेज प्रदान किया गया है। बोलीदाताओं को इस बात का ध्यान रखना चाहिए कि उन्हें आवश्यक प्रारूप में अपनी वित्तीय बोली जमा करनी चाहिए और कोई अन्य प्रारूप स्वीकार्य नहीं है। बोलीकर्ताओं को BoQ फाइल को डाउनलोड करने, इसे खोलने और अपने संबंधित वित्तीय उद्धरण और अन्य विवरण (जैसे बोलीदाता का नाम) के साथ सफेद रंगीन (असुरक्षित) कोशिकाओं को पूरा करना आवश्यक है। कोई भी अन्य कक्ष नहीं बदला जाना चाहिए। एक बार विवरण पूरा हो जाने पर, बोलीदाता को इसे सहेजना होगा और इसे आनलाइन जमा करना होगा, बिना फाइल नाम 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 24x7 सीपीपी पोर्टल हैल्पडेस्क पर निर्देशित किया जा सकता है। हैल्पडेस्क के लिए संपर्क संख्या 1800 233 7315 हैं।

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

बोलीदाताओं के लिए 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



Illumination of hockey field at sports complex in IIT Ropar permanent campus

NIT NUMBER : IITRPR/EE/T/24/293

ISSUED TO :

***SUBMITTED TO : The Registrar
IIT Ropar
Rupnagar, Punjab***

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NIT Amounting to Rs. 8,14,615/- (Rupees Eight Lac Fourteen Thousand Six Hundred Fifteen Only) [Certified that this NIT contains pages (63 only) pages + BOQ (2 Only) Total 65 (Sixty Five) pages only]

PART – A

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

WORKS AND ESTATE SECTION

TENDER DOCUMENT

Name of Work: Illumination of hockey field at sports complex in IIT Ropar permanent campus

S.NO.	DESCRIPTION	PAGE
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Notes: The following will be the part of Contract Agreement:

1. CPWD General Conditions of Contract of 2023

Modified up to date for details refer to:

https://cpwd.gov.in/Publication/GCC_Constructions_works_2023.pdf

Estimated Cost: Rs. 8,14,615/- (Rupees Eight lac Fourteen Thousand Six Hundred Fifteen Only)

Assistant Executive Engineer

Executive Engineer

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/EE/T/24/293

**Name of work: Illumination of hockey field at sports complex in
IIT Ropar permanent campus**

- 1. Estimated Cost** Rs. 8,14,615/-
- 2. EMD:** Rs. 16,292/-
- 3. Time of completion** 20 days

The bid form and other details can be downloaded from the website www.iitrpr.ac.in/tenders and CPP Portal.

Registrar

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

The Registrar, on behalf of Board of Governors of IIT ROPAR, invites percentage 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:

Name of the work and location	Estimated cost put to the tender (Rs.)	Earnest Money Deposit (Rs.)	Period of Completion	Last date for submitting the EMD, Tender Fee & other documents	Time & date of opening of the Tender
Illumination of hockey field at sports complex in IIT Ropar permanent campus	Rs. 8,14,615/-	Rs. 16,292/-	20 days	Refer Page no. 2	Refer Page no. 2

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

OR

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

OR

- iii. (one) similar work of value not less than 80% of the estimated cost put to tender.***Similar works** means “**Supply and installation of LED flood lights in high mast lighting poles**” only.
- b. Original Equipment Manufacturers of LED Flood lights / their Authorized dealers / Contractor who shall associate with the respective OEM once work is awarded and having a valid **electrical contractor license**.
- c. Joint ventures and subletting are not accepted.

B. 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 in the attached format.
- h) Form-8 duly filled and signed by the contractor.
- i) Certificate for works contract, including turnkey contract duly filled by the contractor on the company letterhead.
- j) Declaration of Local contents duly filled by the contractor on company letterhead.
- k) Declaration of country of origin of goods duly filled by contractor on the company letterhead

Price bid submitted by intending tenderers shall be opened only to those tenderers, whose Tender Fees, 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.

C. 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 bidders on prescribed Form No. Form-8 has been modified and corrected up to date which is available as a Govt. of India Publication. Bidders 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 20 days (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 and CPP Portal.
7. The bid shall be submitted through Online mode.
8. The tender shall be accompanied with earnest money deposit.
9. 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.
10. 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.

11. Copies of other drawings and documents pertaining to the works will be open for inspection by the bidders at the office of the above mentioned officer.

Bidders, 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. The bidders 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 bidders 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 the bidder 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.

12. 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.
13. 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 bidders, shall be summarily rejected.
14. 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.
15. 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 bidders shall be bound to perform the same at the rates quoted.
16. 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.

17. 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 canceled 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.
18. The tender for the works shall remain open for acceptance for a period of **Ninety days** from the date of opening of tenders. If any bidder 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 bidders shall not be allowed to participate in the re-tendering process of the work.
19. This Notice Inviting Tender shall form a part of the contract document. The successful bidder/contractor, on acceptance of his tender by the Accepting Authority, shall within **30 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 C.P.W.D. **Form-8** as modified and corrected.
20. Tenders with any condition including conditional rebates shall be rejected forthwith. However, tenders with unconditional rebates will be acceptable.
21. Bidders must associate themselves with agencies of the appropriate class eligible to tender for each of the minor components of work.

22. The eligible bidders shall quote rates for all items of major components as well as for all items of minor components of work.
23. Entire work under the scope of composite tender including major and all minor components shall be executed under one agreement.
24. 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.
25. The acceptance of the tender shall be conveyed by the **Executive Engineer, 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 “ **Illumination of hockey field at sports complex in IIT Ropar permanent campus** ”

(i) To be submitted Refer page no. 2 (Schedule)

(ii) To be opened Refer page no.2 (Schedule)

1) Issued _____ to _____ :

Executive Engineer, 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.16,292/- 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.No.	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.No.	Description of item	Hire charges per day	Place of issue
1	2	3	4
-NIL-			

SCHEDULE 'D'

Extra schedule for specific requirements / document as attached in for the work if any

SCHEDULE 'E'

Refer to General Conditions of contract.

Name of Work:	Illumination of hockey field at sports complex in IIT Ropar permanent campus
Estimated cost of the work:	Rs. 8,14,615/-
Earnest Money Deposit	Rs. 16,292/-
Performance Guarantee	5% of the tendered value of the work
Security Deposit	2.5% shall be deducted from the running bills.

SCHEDULE 'F'

General rules and direction:

Officer inviting tender: Executive Engineer,
IIT ROPAR

Definitions:

- i. Engineer-in-Charge: Executive Engineer, IIT Ropar
- ii. Accepting Authority: Registrar, IIT Ropar
- iii. Standard Schedule of Rates: Delhi Schedule of Rates 2022
- iv. Department: Works and Estate, IIT Ropar
- 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 5 days
- ii. Maximum allowable extension with late fee @ 0.1 % per day of performance guarantee amount 3 days

beyond the period as provided in i.
above

Clause 2

Authority for fixing compensation under
clause 2

Registrar, IIT Ropar

Clause 5

i. Number of days from the date of issue
of letter of acceptance for reckoning date
of start

3 days

ii. Time allowed for execution of work

20 days

i. Authority to decide

a. Extension of time

Executive Engineer, IIT Ropar

b. Rescheduling of milestones

Registrar, IIT Ropar

Clause 6/ 6A

Only clause 6 applicable

Clause 7

Gross work to be done together with
net payment/Adjustment of advances for
material collected, if any, since the last such
payment for being eligible to interim payment

Rs._____

**RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE
VARIATION**

TABLE OF MILE STONE(S)

S.No	Financial Progress	Time allowed (from date of start)	Amount to be withheld in case of no achievement of milestone
1	1/8 th (of whole work)	1/4 th (of whole work)	In the event of not achieving the necessary progress as assessed from the running payments 1% of the tendered value of work will be withheld for failure of each milestone.
2	3/8 th (of whole work)	1/2 th (of whole work)	
3	3/4 th (of whole work)	3/4 th (of whole work)	
4	Full	Full	

SALIENT/MANDATORY REQUIREMENTS FOR THE TENDER

Name of the work: Illumination of hockey field at sports complex in IIT Ropar permanent campus

1. The bidder 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 and electrical 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 30 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. The contractor shall at all times indemnify and keep indemnified the owner and its officers, servants and agents from and against all third party claims whatsoever (including time not limited to property loss and damage, personal accident, injury or death of/or property or person of any sub-contract and or the servants or agents of the contractor any subcontractor(s) and or the owner and the contractor shall at his own cost and initiative at all times, maintain all liabilities under Workman's Compensation Act/ Fatal Accident Act, Personal Injuries, Insurance Act and/ or their Industrial Legislation from time to time in force.
6. For electricity requirements for carrying out work, the contractor(s) shall be provided with temporary electric connection at suitable place 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. The institute cannot be held liable to provide any office or location to set up office.

7. The schedule of requirement is as per Annexure - 'A' & the evaluation of bid will be on the basis of total bid value
8. The rates quoted shall be inclusive of all taxes, duties octroi, works contract tax, cartage loading, GST and any other statutory taxes complete in all respects, valid for a period of one year from the date of award of contract.
9. Bid security of the unsuccessful bidders will be returned to them.
10. In the event of any breach of the terms of the contract, the contractor shall have to bear the penalty specified in the present terms. However, upon a material breach of the contract terms which is not remedied by the contractor within 7 days, IIT Ropar shall be entitled to terminate the present contract without any notice and the contractor shall be required to make good any damage incurred by IIT Ropar.
11. The service provider shall at his own risk and cost ensure that their employees deployed to carry out the work of IIT Ropar are insured against all risks that may be associated with the job.
12. Labour Laws: The contractor will follow all labour laws / acts of Central Govt., Local Govt. applicable from time to time. He should maintain proper attendance register and record of wages paid to the workers and these documents should be submitted to IIT Ropar while raising their monthly bills along with record of complaints and whenever asked. He will obtain 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 contractor's responsibility to face any consequences arising out of non compliance of various labour laws. If IIT Ropar has to incur some expenditure due to nonpayment of wages to the laborers 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% departmental charges.
13. 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, Earth Quake, 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.

14. Arbitration: In the unfortunate situation if any all 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 arbitrator 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 IIT Ropar, Rupnagar, Punjab. The language of arbitration proceedings shall be English. The Court which have 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 ***Illumination of hockey field at sports complex in IIT Ropar permanent campus*** 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.
 - d. 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.

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/Contact documents with regard 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 **Executive Engineer, 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, Nangal Road, 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 datedfor the work of “ Illumination of hockey field at sports complex in IIT Ropar permanent campus” 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 “Comprehensive AMC of Passenger Lifts at IIT Ropar(Schindler make lifts)” 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 Construction of platform for Illumination of hockey field at sports complex in IIT Ropar permanent campus 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 providing “Illumination of hockey field at sports complex in IIT Ropar permanent campus” 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. 7, 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

(Authorized Signatory)

**(Executive Engineer, IIT
ROPAR)**

<On Organization Letter Head>		
(For Works Contracts, including Turnkey contracts)		
<CERTIFICATE>		
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>		
<u>OR (whichever is applicable)</u>		
<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>		
<i>(Copy/ evidence of valid registration by the Competent Authority is to be attached)</i>		
Signature of Bidder/ Agent		
Name: _____		
Designation: _____		
Organization Name: _____		
Contact No. : _____		

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

Subject: - **Declaration of Local Content**

Tender Reference No: _____

Name of Tender/ Work: ____

1. We hereby declare that an item offered has ____% local content (DPIIT OM No. P-45021/2/2017-PP (BEII) dated 16.09.2020) & (DPIIT OM No. P-45021/102/2019-BE-II-Part(1) (E-50310) dated 04.03.2021)
2. Class of Supplier: ☐ Class - I ☐ Class - II

“*Local Content*” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

“*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)

<TO BE PROVIDED BY OEM ON LETTER HEAD>

(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.
 - a.** “Institute / Department” shall mean the Indian Institute of Technology Ropar (IIT Ropar)
 - b.** The “President” shall mean the Board of Governors, IIT ROPAR.
 - c.** The term “Director General of Works” shall mean the Director, IIT Ropar.
 - d.** “Superintending Engineer” shall mean the Registrar of the Institute, who as overall In charge and head of the administration shall direct the contract.
 - e.** The “Engineer-in-charge”, who shall administer the work, shall mean the Executive Engineer, IIT Ropar.
 - f.** “Accepting authority” shall mean the Registrar, IIT ROPAR on behalf of the Director.
 - g.** “Site Engineers” shall mean the AEE (Civil)/ Junior Engineer (Civil)/Junior Engineer (Electrical)/ Engineer appointed by the Works & Estate department.
 - h.** 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.
 - i.** 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.
 - j.** 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.
 - k.** No payment shall be made to the contractor for any damage caused by rain, snow fall, 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.
 - l.** For construction works which are likely to generate malba/rubbish to the tune of more than a tempo/truck load, contractor shall dispose of malba, rubbish & other

unserviceable materials and wastes at their own cost to the notified/specified dumping. The malba / rubbish shall 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 neither 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 there under 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:

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. LOCATION

The location of work is at IIT Ropar permanent campus, Rupnagar, Punjab. The contractor will be required to operate under the Climatic conditions as prevailing for the entire year.

6. RELATED DOCUMENTS

These additional specifications are to be read in conjunction with the specification given in the tender. In case any item/items or part thereof are not covered under these specifications, the same shall be carried out as per relevant part of the **CPWD General Specification for Electrical Works amended up to date-CPWD Part-I 2013**, Relevant Indian Electricity Rules and Indian Electricity Act amended up to date; Relevant BIS specifications amended up to date; NBC 2016 amended up to date and ECBC-2017 amended up to date and as per direction of Engineer-in-Charge.

These additional specifications are to be read in conjunction with above and in case of variations; specifications given in this additional condition 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.

7. Terminology

The definition of terms used in these specifications shall be in accordance with relevant IS. All components shall conform to relevant Indian Standard Specifications, International Standards and shall bear the stamp of the testing laboratory wherever existing and amended to date.

8. Order of Preference:

In case of discrepancy, if any, between the description of items as given in the Schedule of quantities, technical specifications for individual items of work (including additional and commercial conditions) and IS Codes etc., the following order of preference shall be followed:

- i. Schedule of quantities
- ii. Special Conditions
- iii. Technical specifications specified in the tender
- iv. General Conditions of Contract for CPWD Works
- v. Drawings
- vi. CPWD General Specifications
- vii. Relevant IS or any other International code in case IS code is not available.
- viii. Manufacturer's Catalogue, Specifications and Recommendations.

9. Site Information

The work shall be carried out in a location, and working time may be restricted by the client, claims for idle labour(s) will not be entitled. The Bidder should in his own interest visit the site and get themselves familiarize with the site condition..

10. Completeness of the tender, submission of programme, approval of drawings and commencement of work

I. Completeness of the tender:-

All sundry equipments, fittings, assemblies, accessories, hardware items, foundation blots, supports, termination lugs for electrical connections, cable glands, junction boxes and all other items which are useful and necessary for proper assembly and efficient working of the various equipments and components of the work shall be deemed to have been included in the tender, irrespective of the fact whether such items are specifically mentioned in the tender or not.

II. Safety Codes and Labour Regulations

In respect of all labour employed directly or indirectly, for the execution of work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provision, B.I.S. recommendations, factory act, and workman's compensation act. CPWD code and instructions issued from time to time. Failure to provide such safety requirements would make the bidder liable for penalty. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost incurred thereon from the contractor.

The contractor shall provide necessary barriers, signals and other safety measures wherever necessary so as to avoid accident. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accident occurring due to any cause. The department shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

11. General security restrictions are given as under:

- a.** No inflammable materials shall generally be stored at site of work.
- b.** The movement of trucks and vehicles will be regulated in accordance with rules and regulations as approved by competent authorities.
- c.** The contractor shall inform in advance, the truck registration number, ownership of the trucks, names and address of the drivers and labour for necessary action by the security agency.
- d.** Due to the site conditions, no space for construction of storage facilities and stay of site staff may be allowed.
- e.** Names and addresses of labourers/staff along with identity proof and residence address proof etc. working at site shall be furnished in advance for security verification for issue of passes.
- f.** The labourers/staff should not be changed too frequently once the verification of the character and antecedents is done.

- g.** As and when there will be security requirements, certain additional restrictions can be proposed as per the requirement of the situation.
- h. IDENTITY CARDS:-** The identity cards will be issued to the workmen employed by the contractor after proper police verification for which Contractor shall submit a list of worker's to be deployed on site of work. The cost of photos would be borne by the contractor. They will be required to carry the identity- cards with them during their working inside the building.
- i.** Due to security constraints, all the working personal may not be allowed to carry the mobile phone or any other electronic gadgets. The instruction of security personal in this regard shall be followed religiously.
- j.** Therefore in view of the situation explained under above paragraphs the bidder must visit the site and must get himself acquainted with the proposed site of work, study specifications and conditions carefully before tendering rates. Nothing extra shall be paid on account of compliance of any of these clauses. The hindrance due to security constraints shall be not be accounted towards adjustment of completion time mentioned in the tender document.

12. Works to be arranged by the department

Unless otherwise specified in the tender documents: Space for accommodating all the equipment and components involved in the works, shall be arranged by the Department. However, arrangement to make it lockable and its watch & ward shall be made by the contractor himself.

13. Works to be done by the contractor

Unless otherwise mentioned in the tender documents, the following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost- whether specifically indicated in the schedule of work or not: -

- a. Suspenders, brackets and supports for suspending lights and cables etc.
- b. Sealing of all floor slab/wall openings provided by the Department or made by the contractor for laying pipes & cables from fire safety points of view.
- c. Painting of all exposed metal surfaces of equipments and components with appropriate colour as per relevant part of bid document.
- d. Making opening in the wall/floors/slabs or modifications in the existing openings wherever provided for cable/cable tray etc. Opening in the slab/retaining walls/brick wall etc. shall be made by means of core cutting machines only.

- e. All electrical works including cable/wires, earthing etc. beyond power supply made available by the department.
- f. Making good all damages caused to the structure during installation and restoring the same to their original finish.
- g. Approval from Local Body as may be required as per local by-laws. (The contractor's responsibility shall be limited to the work executed by him.)
- h. The water and power supply for installation, testing and commissioning of the complete installation shall be made available by the contractor themselves.

14.Rates

The rate quoted by bidder, shall be firm and inclusive of all taxes including GST, duties and levies and all charges for packing, forwarding insurance, freight and delivery, installation, testing, commissioning etc. at site including temporary constructional storage, risks, overhead charges, general liabilities / obligation etc. No separate reimbursement shall be made on this account. However, statutory deductions shall be made from the bills, as per rule. The rates quoted by the bidder shall also be inclusive of all this, nothing extra shall be paid on this account.

Quoted Rates should be inclusive of all taxes & levies including EPF/ ESIC. Nothing extra shall be payable. It will be the responsibilities of the contractor to provide EPF / ESIC and other facilities to their employees as per current labour laws.

15.Taxes and duties

The tender is for entering into a percentage rate works contract. The rates quoted shall be inclusive of all manpower, design, materials, prevailing taxes, duties, levies, Cess, freight and delivery, labour for installation, testing, commissioning etc. at site including temporary constructional storage, risks, overhead charges, general liabilities / obligation etc. No separate reimbursement shall be made on this account. Statutory deduction on account of GST, Income Tax, Labour Welfare Cess etc, as applicable on Original work, (Except credit items) shall be made at source from each running /final bill payment. A certificate of TDS shall be issued by the department to the contractor.

16.Execution

a. Machinery for Erection

All tools and tackles required for unloading/handling of equipments and materials at site, their assembly, erection, testing and commissioning shall be the responsibility of the contractor.

b. Dispatch of Materials to Site and their Safe Custody

The contractor shall dispatch material to site in consultation with the Engineer-in-Charge. Suitable accommodation shall be made available free of charge temporarily. The arrangement to make it lockable/secure by means of partitions, locks etc. shall be responsibility of the contractor. Watch and ward however, shall be the responsibility of contractor. Program of dispatch of material shall be framed keeping in view the building progress. Safe custody of all machinery and equipment supplied by the contractor shall be the responsibility of the contractor till final taking over by the department.

c. Extent of Work

The work shall comprise of entire labour including supervision and all material necessary to meet a complete installation and such tests and adjustment and commissioning, as may be required by the department. The term complete installation shall not only mean major items covered by the specification 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 detail in the tender documents in connection with this contract as this is a turnkey job.

d. 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:

- a. Factories Act.
- b. Indian Electricity Rules.
- c. B.I.S. & other standards as applicable.
- d. Workmen's compensation Act.

e. Statutory norms prescribed by local bodies like CEA, PSPCL, and Local Bodies etc.

f. Nothing in this specification shall be construed to relieve the successful bidder 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.

- g.** Successful bidder 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 bidder. Failure to provide such safety requirement would make the bidder liable for penalty of Rs. 500/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of bidder and recover the cost thereof from him.

h. Indemnity

The successful bidder shall at all times indemnify the department, consequent on this works contract. The successful bidder 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 equipment under the supervision of the successful bidder in so far as the latter is responsible. The successful bidder 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 bidder on account of the above.

i. Co-ordination with other Agencies

The contractor shall co-ordinate with all other agencies involved at the site of work so that the work of other agencies is not hampered due to delay in his work. The work, which directly affects the progress of work of other agencies, shall be given priority.

j. Quality of Materials and Workmanship

- i.** The components of the installation shall be such design so as to satisfactorily function under all conditions of operation.
- ii.** The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.
- iii.** All equipments and material to be used in work shall be manufactured in factories of good repute having excellent track record of quality manufacturing, performance and proper after sales service.
- iv.** All equipments and materials to be used in the work shall be brand new having its date of manufacturing not more than 6 months old from the date of delivery at

site with manufacturer's certificates, warrantee cards, technical catalogues, instructions, manuals and wiring diagrams etc.

17. Guarantee

The contactor shall guarantee the complete system to maintain the specified conditions under all conditions of ambient temperature.

- a.** The contactor shall guarantee the complete system to maintain the specified conditions under all conditions of ambient temperature.
- b.** All equipments shall be guaranteed for a period of at-least One year or as per Manufacturer's standard whichever in more, from the date of acceptance and taking over of the installation by the department against unsatisfactory performance and/ or breakdown due to defective design, material, manufacture, workmanship or installation. The equipment or component or any part thereof so found defective during the guarantee period shall be 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 contactor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-Charge in this regard shall be final.
- c.** LED items shall have warranty of 1 year by the OEM from the date of installation.

18. Terms of payments:

Following payment terms shall be applicable.

- a.** No advance payment shall be made and payment against bills shall be admissible.

19. Special condition for safety at the work site

The contractor will identify one of the supervisors for taking care of implementation of Safety systems. The Contractor should follow the following General Guidelines governing the safety rules as laid down under:

- a.** Smoking is strictly prohibited at the workplace.
- b.** Nobody is allowed to work without wearing a safety helmet. Chinstrap of the safety helmet shall be always on. Drivers, helpers and operators are no exception.
- c.** No one is allowed to work at or more than three meters height without wearing safety belt and anchoring the lanyard of safety belt to firm support preferably at shoulder level.

- d.** No one is allowed to work without adequate foot protection. Usage of eye protection equipment shall be ensured when workmen are engaged for grinding, chipping, welding and gas-cutting. For other jobs as and when site safety co-ordinator insists eye protection has to be provided.
- e.** All safety appliances like Safety shoes, Safety gloves, Safety helmet, Safety belt, Safety goggles etc. shall be arranged before starting the job.
- f.** All excavated pits shall be barricaded & barricading to be maintained till the backfilling is done. Safe approach is to be ensured into every excavation.
- g.** Adequate illumination at the workplace shall be ensured before starting the job at night.
- h.** All the dangerous moving parts of the portable / fixed machinery being used shall be adequately guarded.
- i.** Ladders being used at site shall be adequately secured at bottom and top. Ladders shall not be used as work platforms.
- j.** Material shall not be thrown from elevated positions. If required, the area shall be barricaded and one person shall be posted outside the barricading for preventing the trespassers from entering the area.
- k.** Other than electricians no one is allowed to carry out electrical connections, repairs on electrical equipment or other jobs related thereto.
- l.** All temporary electrical connections shall be made using 3 or 5 core cables, having an earth wire.
- m.** Inserting of bare wires for tapping the power from electrical sockets is completely prohibited.
- n.** A tools and tackles inspection register must be maintained and updated regularly.
- o.** Debris, scrap and other materials to be cleared from time to time from the workplace and at the time of closing of work every day.
- p.** All the unsafe conditions, unsafe acts identified by contractors, reported by site supervisors and / or safety personnel to be corrected on priority basis.
- q.** No children shall be allowed to enter the workplace.
- r.** All the lifting tools and tackles shall be stored properly when not in use.
- s.** Return cables shall be used for earthing. Lamps shall be used on Return cables to ensure proper earthing for welding works.
- t.** All the pressure gauges used in gas cutting apparatus shall be in good working condition.

- u. Connectors and hose clamps are used for making welding hose connections.
- v. Proper junction boxes must be used for tapping of power for temporary use.

20. Quality assurance plans:

a. internal & external electrical work:

- i. For Internal and External electrical works, the bidder should have **valid electrical contractor license** from competent authority in the name of the contractor.
- ii. Sample of materials like pipe, conduits wires, of each size etc. may be got tested in the laboratory approved by Engineer -in charge, as and when desired by Engineer-in-charge. All the materials intended to be used in the work shall be got approved by Engineer-In-Charge before use at site.
- iii. Fish wire shall be provided in each conduit where wiring is not carried out.
- iv. Extra item, substitute item, deviation etc. shall be carried out only with written permission of competent authority.
- v. Necessary documents of handing / taking over of the installation will be duly signed by the parties namely Engineer Incharge and the main contractors.
- vi. The contractor will have to ensure that the skilled / Semi skilled labour, engaged in the execution of the work must possess valid electrical license / qualifications else will not be permitted to execute the work.
- vii. The contractor shall be responsible for removal of all defects in the work during the defect liability/guarantee/warranty period. The department shall carry out routine maintenance only. However, if any failure is noticed during this period which is attributable to poor quality of material and bad workmanship, the contractor will be required to rectify the same at his own cost, failure of which the department will be at liberty to get the defects rectified at the risk & cost of the contractor. The contractor will also be required to carry out his own inspection/testing during the guarantee/warranty period and attend to any defect taking place during this period.
- viii. Material required for the work shall be brought at site at the appropriate time keeping in view the requirement of material depending on progress of the work.
- ix. The work shall be carried out as per direction of Engineer -in-charge and CPWD specifications for Electrical Works.

- x.** Taxes, levies etc. as applicable shall be deducted from the contractor's bill. No Road Permit or other forms shall be issued by the Department. The rates quoted shall be inclusive of all taxes, duties, levies, T & P and petty items like including log book, complaint register duster, Mobil oil, test lamp etc. and no advance payment will be made.
- xi.** The materials supplied shall be new (Manufactured not earlier than 6 months before the date of tender opening) and ISI marked wherever applicable. Test certificate / reports and warranty certificates as required shall be provided by the agency to the entire satisfaction of Engineer-in-Charge before bill submission for payment.
- xii.** The labour deployed site for execution of work shall take all safety precautions and the contractor shall be responsible for compliance of all labour regulations, liabilities and safety measures. If the Institute is not satisfied with the performance of labour, then alternate staff is to be provided immediately.
- xiii.** All required documents shall be provided for verification of the staff deployed at site for execution of work.
- xiv.** The contractor shall be required to possess during the full currency of the contract a valid license for employing contract labour from the appropriate licensing authority under the contract labour (Regulation and abolition) act 1970. The contractor shall be solely responsible for compliance of various statutory obligation (including the financial liabilities) under contractor labour regulation & abolition Act. Minimum wages act etc. and other applicable laws and rules framed their under from time to time. Contract workers are to be paid not less than fair wages which means wages fixed by CLC, Govt. of India under the provisions of the Minimum Wages Act. Wages due to the worker shall be paid to him directly by the contractor through Bank or ECS or Online transfer to his bank account and receipt of wages shall be attested by the worker concerned.
- xv.** The contractor shall depute 01 (ONE) nos. Supervisor - (Engineer/Technician having minimum 2-year experience) who shall remain present at site throughout the period of execution of work, failing which recovery shall be made from the contractor in the event of not fulfilling provision at the rate of Rs. 10,000/- Per Month / per person.

- xvi.** The contractor will have to arrange his own T & P required for the work. The department will not arrange any T & P and nothing shall be paid on this account. The Site service personnel should possess the following:
- 1.** Line Tester, Test Lamp
 - 2.** Spanner Kit.
 - 3.** Crimping Tools
 - 4.** Multi Meter & Tong Tester
 - 5.** Lux Meter (Digital)
- xvii.** No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for staff in the campus.
- xviii.** The Site Engineers and all deputed staff shall carry mobile telephones(s) (unless otherwise specifically instructed by the institute for safety reasons) to enable the Engineer-in-charge or his representative to have easy and quick communication. Nothing extra shall be paid on account and his quoted rates for various items under this contract will be inclusive of this obligation. Contractor is bound to give all the telephone no. of their staff deployed at site to the Engineer in charge, immediately after award of work.
- xix.** Safety codes and Labour Regulations:- In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for safety provision as per the statutory provisions, B.I.S. recommendations, factory act, workman's compensation act, CPWD code and instruction issued from time to time. Failure to provide such safety requirement would make the bidder liable for penalty as per Part-A for each default. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor. Safety of the staff employed will be the responsibility of the contractor. CPWD will not be responsible for any mishap, injury / accident or death of the staff. No claim in this regard shall be entertained / accepted by the department.
- xx.** Contractor shall be fully responsible for any damages caused to govt. property or allottee's property by his or his labour during the carrying out the work. All such damages shall be rectified by the contractor at his own cost, failing which the same will be got rectified by Engineer-in-charge and the expenditure

incurred shall be recovered from the contractor bill. The watch and ward of installation shall be the responsibility of the contractor.

- xxi.** Contractors are requested to inspect the site before quoting their rates for the tender; later on no further claims in this regard shall be entertained.
- xxii.** The staff engaged has to be courteous and maintain good behavior at site. Any person found discourteous or misbehavior shall have to be replaced within 48 hours, failing which, the Engineer-in-Charge has the power to cancel the contract, and the contractor shall have no claim of compensation. Decision of the Engineer-in-Charge shall be final and binding on the contractor. The contractor shall submit the name, address & character certificate of the worker/ staff employed by them at the site of work to the Engineer-in-Charge before start of the work.

21. List of approved makes

The materials of first quality from the list provided in **Annexure B**, having minimum local content as per DPIIT PPP-MII ORDER are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of the Engineer-in-Charge. When two or more alternative brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-in-Charge and as per sample approved before procurement & Installation. The contractor shall submit samples of all materials within 7 Days before procurement for approval and shall procure directly from the manufacturer or their authorized distributor / dealers only.

22. SCOPE OF WORK:

The scope of work will include supply, installation, testing, commissioning and performance testing of LED sports lighting system, electrical outdoor panel with suitable Cabling for the hockey field at the sports complex in IIT Ropar permanent campus in accordance with requirements documented in BOQ and technical specifications attached herewith in the corresponding section of the tender documents.

The contractor should also Extend the available 8 mtr pole by 1 mtr for lighting arrangement with 5 " dia MS pipe along with base plate of size 300x300x12 mm duly welded complete as required with painting and should provide foundation as specified in BoQ.

In addition to the above scope covers the following activities, though not limited to and all associated works, services as may be required to complete the installation in all respects within the specifications.

- i. The contractor / OEM shall have to offer a direct 1 year free replacement on-site warranty towards the installed sports lighting system.
- ii. The lighting head frame shall have provisions to increase the light levels to Class – II ($E_h \geq 500$ Lux) at a later period by increasing only the number of LED lights.
- iii. The final achieved light levels and readings etc. shall be carried out by the OEM authorized engineer and certificate to that effect shall be issued.
- iv. LED sports floodlight luminaries shall be of outdoor type complete with accessories.
- v. Wire harness complete with plug in connectors provided inside the pole for electrical connections from the driver unit up to each flood light.
- vi. The work includes design, SITC of head frame of suitable size to accommodate a minimum of 4 Flood light fittings.

23. DESIGN PARAMETERS:

The illumination levels and associated parameters shall meet the following requirements of Class-III (≥ 300 Lux) . The system shall have provisions to increase the light levels to Class-II (≥ 500 Lux) at a later date by increasing only the number of LED Lights.

i. Design Criteria:

Horizontal Illuminance	: $E_h \geq 300$
Horizontal uniformity ratio	: $E_{Min}/E_{Av} (U2) \geq 0.7$
Horizontal uniformity ratio	: $E_{Min}/E_{max} (U1) \geq 0.4$
Glare Rating	: GR < 55
Maintenance Factor	: 0.85
Colour Rendering	: $R_a > 70$
Colour Temperature	: > 4000K
Height of the High mast	: not below 9 Meter
Type of floodlight	: LED Sports flood light fixtures of suitable rating complying to the specifications in BoQ.

All illumination values shown above are constant light levels to be maintained over a period of 10 years. A maintenance factor of 0.85 should be used to guarantee the maintained illumination levels.

ii. Detailed technical specifications of led lighting system

This section provides technical specifications of various constituents of the LED lighting system. The products and equipments offered by the bidder must conform to these specific requirements in addition to the stipulations of applicable standards / norms.

1. Floodlight LED Luminaire

- a. The LED floodlight luminaires shall be of special design for sports lighting application.
- b. The floodlights must have IES TM-21-11 testing for projected lumen maintenance or NABL certified LED fixtures along with LM 79 & LM 80 certification. The floodlight shall be of heavy and robust construction considering the required heat sinks etc.
- c. The floodlight shall consist of die-cast aluminium housing providing a rugged base and facilitating sophisticated photometric unit to prevent direct glare from the LED light source.
- d. The floodlight shall be a state-of-the-art design allowing easy mounting.
- e. The unit shall have a degree of protection of IP-66 allowing protection against ingress of dust, solid objects and water/moisture.
- f. The photometric pattern shall provide optimal energy efficiency and minimal spill light and its visor should allow energy efficient light on the field preventing glare.
- g. The front glass shall be made of tempered glass lens for resistance to thermal and mechanical shock.
- h. To prevent the mounting cross-arms from sagging resulting in potential floodlight misalignment and to allow easy maintenance the driver and other electrical accessories shall be mounted in a remote outdoor type electrical enclosure box at the base of the mast.
- i. Each floodlight luminaire shall be attached to the cross arm by a minimum of two (2) bolts, which shall be of stainless steel and there shall not be any penetration of the top or sides of the cross arms for mounting the floodlights.

- j. To assure quality of lighting on the field is maintained, light fixtures shall have a positive repositioning device for each luminaire on the assembly. The device shall provide for automatic repositioning of the aiming after relamping. In addition, there shall be stainless steel bolts and nuts to secure the alignment.
 - k. The floodlight shall have Class-H electrical insulation for complete safety.
 - l. The floodlight should have improved material and gasket system to virtually eliminate out gassing and contamination of the reflector and lens.
 - m. Type Test Report from a NABL accredited LAB should be submitted.
2. Light Source
- a. The light source for floodlight luminaries shall be LED arranged in a suitable array.
 - b. The LED shall be of minimum 4000K color temperature and minimum 70Ra CRI
 - c. The LED shall have instant ON-OFF capabilities.
 - d. The LED which fails during the warranty period should be replaced and installed at site within 7 days at no extra cost.
3. LED Driver and Electrical Enclosure
- a. The driver shall functionally match with the LED floodlight by the bidder and must have been successfully been used for similar sports lighting projects. The driver should conform to UL testing for 50 deg. C ambient temperature operations.
 - b. The driver, surge suppresser, fuse and circuit disconnectors shall be mounted in an outdoor type enclosure made of aluminum sheet, duly power coated with high performance polyester, having a degree of protection minimum IP- 66,
 - c. For easy identification and reduced maintenance time, each driver, wire, cable, fuse, etc. shall be labeled to identify the floodlight luminaries it controls.
 - d. The driver gear electrical enclosure shall be mounted on each pole with suitable mounting arrangement to prevent ingress of water.
4. Internal Wiring
- a. To protect from deterioration resulting from exposure to the harsh atmospheric conditions, all wiring for LED floodlights shall be contained inside the cross arms or poles and no external wiring even if provided with flexible conduits is acceptable.

- b. To protect wire harness from expensive and time-consuming repairs caused by strain on the connection, the wire harness shall be supported at the top of the pole and in the middle by a stainless steel wire mesh grip matched to the size of the harness.
 - c. To eliminate the wire harness from being accidentally removed, the wire mesh grip shall be mechanically attached to the pole to an enclosed snap hook.
 - d. The internal wiring shall be of stranded copper conductor having minimum cross section of 2.5 sqmm, colour coded for easy identification and shall include abrasion protection sleeve, strain relief and plug in connections.
5. General Requirements
- a. All components shall be designed and manufactured as a system. All luminaries, wire harnesses, drivers and other enclosures shall be factory assembled, aimed, wired and tested.
 - b. All exposed components shall be constructed of corrosion resistant material and/or coated to help prevent corrosion. All exposed steel shall be hot dip galvanized. All exposed hardware and fasteners shall be stainless steel of at least 18-8 grade, passivity and polymer coated to prevent possible galvanic corrosion to adjoining metals. All exterior reflective inserts shall be anodized, coated with a clear, high gloss, durable fluorocarbon, and protected from direct environmental exposure to prevent reflective degradation or corrosion. All wiring shall be enclosed within the cross arms, pole, or electrical components enclosure.
 - c. During material handling, transportation, erection, etc. the at most care shall be taken so that no damage or scratch or mark occurs on any parts. If occurred, necessary action shall be taken by contractor.
 - d. Cable and wire selection should be done so that maximum 60% of loading is achieved. Selection of power cables shall be sized to restrict the voltage drop to 3%. The supply and installation of Gland and Lugs needed for termination will be in scope of Contractor. Cable size shall be decided by keeping maximum 60% load. All the cables shall have gland and lugs.
 - e. The system of wiring shall consist of PVC insulated copper stranded conductor flexible FRLS wires in metallic conduits in exposed and FRLS PVC conduit shall be used in concealed. Wires originating from two different phases shall not run in the same conduit. All wires shall have ferrules for identification.

- f. Minimum wiring size of FRLS copper conductor shall be 2.5 sq mm for light fitting and 4 sq mm for power.
 - g. Electricity and water required for work will be provided by institute at one point on chargeable basis (as per institute norms) or contractor can arrange the same on his own risk and cost.
6. Defect Liability Period:
- a. The equipment should be covered comprehensive on-site warranty against any manufacturing defect for a period of 1 Year from the date of successful installation and acceptance. In case any part or whole of the equipment is found to be defective during the DLP period, then the same will have to be replaced/repaired free of cost at our premises. Warranty certificate should be submitted with the bill(s).
7. Insurance:
- a. Necessary insurance cover will be in the scope of Contractor. The date of delivery should be strictly adhered to failing which the work order is liable to be cancelled.
 - b. Penalty may be imposed as per terms & conditions. Goods should be securely, safely and adequately packed & dispatched and delivered at the risk of supplier. In case of damage consignment the same should be replaced without any cost to the Buyer and the supplier can collect the damaged consignment after satisfactory replacement.
8. Inspection:
- Engineer In charge will decide whether inspection of materials before delivery is required or not. If inspection is required, the Vendor will give sufficient advance notice of the date in writing on which the goods will be ready for inspection. If due to any reasons, it is not possible on the part of the purchaser to visit the plant/site of the Vendor for inspection of the items, the Vendor shall share the detailed schematic diagram, pictures of item and the details as required by the IITP.
9. Test Certificates:
- Manufacturing test certificates & Type test certificates should be submitted with material.

LIST OF ACCEPTABLE MAKES OF ELECTRICAL ITEMS

1	Rigid PVC Conduit & Accessories for conduit	Precision/Polycab/AKG/Finolex Pipes
2	FRLS PVC insulated, copper conductor single core cable, wires (Standards)	L&T /Havells /Polycab /Finolex / KEI
4	GI Pipe (ISI Marked)	Tata / Jindal- Hisar/ Nezone / SAIL / Zenith
5	MCB/MCB DB, prewired MCB DB and industrial socket and Isolators / RCCB	Legrand /Siemens /L&T /ABB/Schneider /Hager/C & S
7	Cable End Looping Box / SMC Junction Box	Hensel/ Sintex / MK
8	LED Luminaries	Phillips / Wipro / Havells
9	Power Cable	Finolex / Polycab / Havells / KEI

Executive Engineer

PART – C

Tender Inviting Authority: Indian Institute of Technology Ropar

Name of Work: Illumination of hockey field at Sports field of of IIT Ropar.

Tender No: IITRPR/EE/T/24/293

Name of the Bidder/ Bidding Firm / Company :							
<div>PRICE SCHEDULE</div> <div>(DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)</div> <div>(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)</div>							
NUMBER #	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT col (14) = sum (8) to (13) in Rs. P	TOTAL AMOUNT In Words
1.01	SITC at all heights Cool light, LED flood light luminaires, Aluminium Die cast housing having minimum system lumen output more than 42000 lumens, a system efficacy more than 120 lumen/watt with P.F.>0.95, THD < 10%, CRI >70. The luminaire shall have IP66 protection, IK08 protection with available beam angles of 2X10 degree. Driver efficiency should be 85% in input voltage range of 100 V to 300 V with 4 kV internal surge protection and complying to electrical insulation class I.	20.00	Nos.	INR		0.00	INR Zero Only
1.02	Supplying following 1.1kV grade, XLPE insulated, Aluminium conductor armoured cables suitable for 415V, 50Hz, AC system, conforming to IS: 7098 (Part-1) complete as required						
1.03	4C X 16 sq mm	400.00	meter	INR		0.00	INR Zero Only
1.04	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1kV grade of following size in the existing RCC trench / Hume pipe / pipe complete as required.						
1.05	Upto 35 sq mm	400.00	meter	INR		0.00	INR Zero Only
1.06	Supplying of following size PVC insulated & PVC sheathed copper conductor flexible cable for rated voltage of 1100 volts grade including drawing the same in existing pole complete as per site requirement.						
1.07	3 core 2.5 sqmm	100.00	meter	INR		0.00	INR Zero Only

Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT col (14) = sum (8) to (13) in Rs. P	TOTAL AMOUNT In Words
1.08	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required						
1.09	4 X 16 sq. mm (28 mm)	309.00	Nos.	INR		0.00	INR Zero Only
1.1	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required						
1.11	63 mm dia (OD - 63 mm & ID - 51 mm nominal)	350.00	meter	INR		0.00	INR Zero Only
1.12	Fabrication, supply, installation, testing & commissioning of outdoor type compartmentalized feeder pillar tapered (hut type) made out of 1.6 mm thick CRCA sheet with 2 nos 100 Amp MCCBs etc. complete as required .	1.00	job	INR		0.00	INR Zero Only
1.13	ISupplying and fixing of PVC box for along with 4 pole 32 Amp isolator complete as per site requirement.	10.00	Each	INR		0.00	INR Zero Only
1.14	Earth work in excavation by mechanical means (hydraulic excavator) / manual means in foundation trenches or drains) not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excecated soil as directed within a lead of 50 m						
1.15	All kinds of soil	8.10	cum	INR		0.00	INR Zero Only
1.16	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in positio and applying a priming coat of approved steel primer all complete	216.00	kg	INR		0.00	INR Zero Only
1.17	Welding by gas or electric plant including transportation of plant at site etc complete	1.00	lumpsum	INR		0.00	INR Zero Only
1.18	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete	15.00	kg	INR		0.00	INR Zero Only
1.19	Providing and laying in position cement concrete of specied grade excluding the cost of centering and shuttering - All work up to plinth level						
1.2	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	8.10	cum	INR		0.00	INR Zero Only
1.21	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade	39.56	sqm	INR		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only					