## PACKAGE-6B-TENDER FOR SUPPLY AND SAFEKEEPING OF LED FIXTURES ALONG WITH ASSOCIATED SITE JOB FOR VARIOUS BUILDINGS AT PROPOSED PERMANENT CAMPUS (PHASE I) – RESIDENTIAL PARCEL AT NALANDA UNIVERSITY, AT RAJGIR, BIHAR

## NALANDA UNIVERSITY, AT RAJGIR, BIHAR

			No: NU/Engg/51/2019-20/Technical F	Reply Cum Corrigendum 01/Elect/03	Dated 29.04.2021
Bidder 1	Run INSTITUTE				
Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
		Page No.: 13	The bidder should have had average annual financial turnover (gross)of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) of Similar works during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant. Year in which no turnover is shown would also be considered for working out the average.	This clause should as for the overall turnover of the bidder instead on the turnover of specific similar works	Clause is amended to "The bidder should have had average annual financial turnover (gross)of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only, during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant."
		Page No.: 13	The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir	The MAF is a normal part of any tender process. Please consider including MAF as part of the bid.	The clause "The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir" stands delated. The new clause is added as: "Bidder should enclose Tender Specific Manufacturer Authorization Form (MAF) from OEM and the same Is mandatory for LED Fixtures, at time of bidding, failing which the bid shall be summarily rejected." Format is being published for reference, please follow the same.
		Page No.: 3	Site is located along the Patna - Rajgir Highway and is well connected with the city of Rajgir, Bihar. Total area of the site is approximately 455 acres ("Site").	: The work site is in a remote location, is it possible for Nalanda University to provide lodging and food within the campus. Charges shall be borne by us	No change.
		Page No.: 99	No Mobilisation advance shall be paid.	There should be an advance payment of 20% of contract value against advance payment security.	No change.
		Page No.: 13	The bidder should not have incurred any loss (Profit after tax should be positive) in more than two (2) years during available last Five consecutive financial years balance sheets, ending 31st March 2020, duly certified and audited by the Chartered Accountant.	This clause should be changed to Networth has to be positive	The tender clause remains unchanged. However in case Netwoth is Positive in more than two (2) years during available last Five consecutive financial years, ending 31st March 2020, the same shall also be acceptable

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
		Light fixture basket	The document on Light fixture basket mentions the various makes like Regent, Trillux, Disano etc. and their respective models with pictures	The list of approved makes should have Indian manufacturers such as Havells etc. keeping in line with the Indian government Aatmnirbhar Bharat Scheme.	Clause should be read as under: "Approved makes: Regent/Trilux/Disano/Havells/Bajaj for Light Fixtures as per BOQ Line Item defined in basket. Approved makes for High Mast Fixtures: Disano / Regent / Bajaj /Havells. Approved make for communication cables: LAPP/Polycab. Approved Make for any other flexible wire/ cable: Polycab/KEI/ skytone. Any other material make: As approved by E-In-C."  Note: OEM should have their own Plant registered in India under their own name for the manufacturing of Luminaires and Drivers, plant should meet ISO norms and should be manufacturing Light fixtures for minimum 5-10 years. Manufacturing Facility should have own Testing facilities meeting NABL standards/ certification.
		Page No.: 13	The bidder should submit relevant ISO certifications for the manufacturing facility.	This clause should be deleted, as not all bidders will have ISO certificates for manufacturing.	Clause is amended to "The bidder should submit the relevant ISO certification for manufacturing plant of the OEM for LED fixtures"
		Page No.: 3	Supply and Safe Keeping including testing of Light Fixture within the campus for various buildings and external areas within the campus. The installation will be arranged through the other agency/contractor, however, the technical guidance/monitoring for the installation will be extended by the LED fixtures supplier. The supplier will be responsible for the commissioning of the supplied LED Fixtures and demonstration of the performance on the designed parameters/lux.	Please elaborate on the scope of the project; it is unclear in the document.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
Bidder 2		Di Losti			
	Summary of Scope of work		Idulidance/monitoring for the installation will be	The tender document is very ambiguous about the scope of work. Please clearly define the scope of work for the tender.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	2.(b).1		For the purpose of this clause, "similar work" shall mean "Supplying, Installation, Testing, Commissioning & Safe keeping, of Light Fixture within a single order, in India, within last seven years".	Please consider "similar work" as Supply, Installation, Testing and Commisioning of all electrical works with in a single order, in India, within last seven years". This will help more contractors participate increasing competition.	Clause is amended to be read as "For the purpose of this clause, "similar work" shall mean "Supply, Installation, Testing and Commissioning of all electrical works including LED Light Fixture, in India, within last seven years".
	Project Milestone Schedule			Please increse the time given for the execution of the projec suitably keeping in mind the Covid-19 pandemic that has had a huge resurgence in the past few weeks	The tender clause remains unchanged.
	Light Fixture Basket		The document on Light fixture basket mentions the various makes like Regent, Trillux, Disano etc. and their respective models with pictures and model no	the approved make list then we respectfully request that under the Government of India's Make in India Initiative, Indian OEM's like Bajaj, Havells be included in the list. This is not only	Clause should be read as under: "Approved makes: Regent/Trilux/Disano/Havells/Bajaj for Light Fixtures as per BOQ Line Item defined in basket . Approved makes for High Mast Fixtures: Disano / Regent / Bajaj /Havells . Approved make for communication cables : LAPP/Polycab . Approved Make for any other flexible wire/ cable : Polycab/KEl/ skytone . Any other material make : As approved by E-In-C "  Note: OEM should have their own Plant registered in India unde their own name for the manufacturing of Luminaires and Drivers, plant should meet ISO norms and should be manufacturing Light fixtures for minimum 5-10 years. Manufacturing Facility should have own Testing facilities meeting NABL standards/ certification.
Bidder 3					



Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Summary of Scope of work	Page No 3	1. Majority of the LED fixtures: Supply and Safe Keeping including testing of Light Fixture within the campus for various buildings and external areas within the campus. The installation will be arranged through the other agency/contractor, however, the technical guidance/monitoring for the installation will be extended by the LED fixtures supplier. The supplier will be responsible for the commissioning of the supplied LED Fixtures and demonstration of the performance on the designed parameters/lux.  2. SITC of various fixtures in the external areas as called in the BOQ including providing shop drawings and design documents where ever required.  3. SITC of External RF control modules including all the accessories and equipment's as called in the BOQ including providing shop drawings and design documents where ever required.  4. SITC of various decorative light fixtures in various buildings within the campus.  5. SITC of DALI control system with daylight and motion sensors including all the related equipment's and accessories as required and as called in the BOQ including providing shop drawings and design documents where ever required.		The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractors per BOQ. In case of other Items, where BOQ item relates for
	2.(b).1	Page No 12	For the purpose of this clause, "similar work" shall mean "Supplying, Installation, Testing, Commissioning & Safe keeping, of Light Fixture within a single order, in India, within last seven years".	We request that the clause be amended to "similar work shall mean SITC of Electrical works (LED Fixtures included) within a single order, in India, within last seven years".	Clause is amended to be read as "For the purpose of this clause, "similar work" shall mean "Supply, Installation, Testing and Commisioning of all electrical works including LED Light Fixture, in India, within last seven years".
	2.(b).3	Page No 13	The bidder should not have incurred any loss (Profit after tax should be positive) in more than two (2) years during available last Five consecutive financial years balance sheets, ending 31st March 2020, duly certified and audited by the Chartered Accountant.	We request that the clause be amended to "Positive Net worth in at least three years in the last five consecutive financial years"	The tender clause remains unchanged.
	2.(b).5	Page No 13	The bidder should submit relevant ISO certifications for the manufacturing facility.	We request that the clause be amended such that the OEM ISO certificate for manufacturing can be supplied by the primary bidder.	Clause is amended to "The bidder should submit the relevant ISO certification for manufacturing plant of the OEM for LED fixtures"
	•				July 22/2/21

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	General Information	Page No 13	The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir	It is requested that clause be deleted to ensure tender is NON- restrictive tender and Similar work definition as suggested at para (2) above of this E mail shall be incorporated. Further ,The Manufacturer's Authorization Form (MAF) is essential for any bid of this size to ensure timely supply and services by OEM during execution of work.	The clause "The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferm make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir" stands deleted. The new clause is added as: "Bidder should enclose Tender Specific Manufacturer Authorization Form (MAF) from OEM and the same Is mandatory for LED Fixtures, at time of bidding, failing which the bid shall be summarily rejected." Format is being published for reference, please follow the same
	Project Milestone Schedule	Page No 64	Milestone of Works (Time duration 9 Months)	We request that the project time line be extended to 11 months as the time given is not sufficient for the complete installation of the project. This dearth of time will only be exacerbated by the current worldwide Corona virus pandemic.	The tender clause remains unchanged.
	Mobilization Advance	Page No 99	No Mobilization advance shall be paid	We request that 10% of the overall contract price be released as mobilization advance along with the contract LOA. The mobilization advance can be adjusted against the subsequent running bills.	No Change
	Special Conditions – Light Fixture - 1.14	Page No 158	Where manufacturer's names and/or catalogue numbers are given, this is an indication of the quality, standards and performance required. For items not covered under the List of Approved Makes', contractor shall offer items of first class quality, standards and performance and obtain the approval of Engineer In charge/Consultants before procuring them. Deviation from the list of approved makes list to be informed to and approved by the owner representative, PMC, consultant prior to procurement of any equipment at site. Where interfacing occurs, equipment shall be mutually compatible in all respects	We request that this clause be amended to "In case of Items which are not covered under the List of Approved Makes, contractor shall offer Items of equivalent make with prior approval of Engineer in-charge"	Clause to be read as: "Light fixtures specification as given in tender are to be followed and are of minimum specification. An equivalent Model of approved OEM (As detailed above) conforming to the minimum specification or higher can be looked into but contractor to submit Technical data sheet of equivalent model for prior approval of E-in-C. Nothing extra coswill be payble under this under any condition. Also no time extension will be allowed under this."
Bidder 4					
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Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	*1	Page No: 3	Supply and Safe Keeping including testing of Light Fixture within the campus for various buildings and external areas within the campus. The installation will be arranged through the other agency/contractor, however, the technical guidance/monitoring for the installation will be extended by the LED fixtures supplier. The supplier will be responsible for the commissioning of the supplied LED Fixtures and demonstration of the performance on the designed parameters/lux.	Please clarify the scope of work for the project. Will the laying of channels/wires etc. be under the purview of the supplier or the third party contracted for installation? As there is a lot of ambiguity so as to the scope of work under the NIT, with different parts of the NIT referring to Supply and commissioning or to SITC, and some part mentioning supply and safe keeping. Please enumerate the roles and responsibilities of the supplier under this NIT,	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	2/3	Page No: 3	1.SITC of various fixtures in the external areas as called in the BOQ including providing shop drawings and design documents where ever required.  2.SITC of External RF control modules including all the accessories and equipment's as called in the BOQ including providing shop drawings and design documents where ever required.	Please clarify the scope of work for the project. Will the external Lighting Installation be under the purview of the supplier or the third party contracted for installation? As there is a lot of ambiguity so as to the scope of work under the NIT, with different parts of the NIT referring to Supply and commissioning or to SITC, Please enumerate the roles and responsibilities of the supplier under this NIT.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioing of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	4	Page No: 3	SITC of various decorative light fixtures in various buildings within the campus.	Please clarify the scope of work for the project. Will the decorative light fixtures installation be under the purview of the supplier or the third party contracted for installation? As there is a lot of ambiguity so as to the scope of work under the NIT, with different parts of the NIT referring to Supply and commissioning or to SITC, Please enumerate the roles and responsibilities of the supplier under this NIT.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design //details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	5	Page No: 3	SITC of DALI control system with daylight and motion sensors including all the related equipment's and accessories as required and as called in the BOQ including providing shop drawings and design documents where ever required.	Please clarify the scope of work for the project. Will the DALI control system with daylight and motion sensors including all the related equipment's and accessories installation be under the purview of the supplier or the third party contracted for installation? As there is a lot of ambiguity so as to the scope of work under the NIT, with different parts of the NIT referring to Supply and commissioning or to SITC, Please enumerate the roles and responsibilities of the supplier under this NIT.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
0	Summary of Scope of work	Page No: 3	Site is located along the Patna - Rajgir Highway and is well connected with the city of Rajgir, Bihar. Total area of the site is approximately 455 acres ("Site").	Since Rajgir is a remote location, we humbly request that Nalanda University provide boarding /lodging for the team on campus. This will reduce the travel time, cut costs and increase work efficiency.	No change.
	2.(b).1	Page No: 12	Three similar works each costing not less than Rs.4.70 Crores (Rupees Four Crore Seventy Lakh only) or completed two similar works each costing not less than Rs.7.04 Crores (Rupees Seven Crore Four Lakh only) or completed one similar work costing not less than Rs.9.39 Crores (Rupees Nine Crore Thirty Nine Lakh only) during the last seven (7) years ending previous day of the last day of submission of Tender.	Barring normal/traditional contracts, ESCO contracts may also be considered. Prospective bidders should submit an undertaking (on Rs. 100 Stamp Paper) stating the total value of items used in the ESCO contract. Contract and any other related document may also be submitted with the bid in evidence of the project value.	The tender clause remains unchanged
	2.(b).1	Page No: 12	For the purpose of this clause, "similar work" shall mean "Supplying, Installation, Testing, Commissioning & Safe keeping, of Light Fixture within a single order, in India, within last seven years".	Only Light fixture experience is a very restrictive. Contractor who has experience in electrical work including LED should be allowed. This will help to broaden the competition	Clause is amended to be read as "For the purpose of this clause, "similar work" shall mean "Supply, Installation, Testing and Commisioning of all electrical works including LED Light Fixture, in India, within last seven years".

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	2.(b).1	Page No:13	The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir	Specific Manufacturers Authorization Form (MAF) is an integral part of any bidding process. It signifies the OEM's support to the bidder for the project and the after sales service. As such we strongly recommend that the MAF (Duly signed and stamped for the OEM) be a mandatory requirement to be submitted alongside with the bid. A Format for the MAF is attached for your kind perusal which is asked in all government tenders.  Remove: or their perpetual authorized distributor for the region covering Nalanda University, Rajgir  Change to: Any electrical contractor in the country who qualifies as per this tender terms and conditions and has tender specific MAF from OEM	The clause "The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferrer make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir" stands deleted. The new clause is added as: "Bidder should enclose Tender Specific Manufacturer Authorization Form (MAF) from OEM and the same Is mandatory for LED Fixtures, at time of bidding, failing which the bid shall be summarily rejected." Format is being published for reference, please follow the same.
	2.(b).2	Page No:13	The bidder should have had average annual financial turnover (gross)of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) of Similar works during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant. Year in which no turnover is shown would also be considered for working out the average.	We humbly request that the clause be read as "The bidder should have had average annual financial turnover (gross) of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant. Year in which no turnover is shown would also be considered for working out the average."	Clause is amended to "The bidder should have had average annual financial turnover (gross)of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant."
	2.(b).3	Page No:13	The bidder should not have incurred any loss (Profit after tax should be positive) in more than two (2) years during available last Five consecutive financial years balance sheets, ending 31st March 2020, duly certified and audited by the Chartered Accountant.	We humbly request that Government of India PSU/Autonomous bodies be exempted from this clause.	The tender clause remains unchanged. However in case Netwoth is Positive in more than two (2) years during available last Five consecutive financial years, ending 31st March 2020, the same shall also be acceptable
	2.(b).5	Page No:13	The bidder should submit relevant ISO certifications for the manufacturing facility.	We humbly request that the clause be read as "The bidder should submit relevant ISO certifications"	Clause is amended to "The bidder should submit the relevant ISO certification for manufacturing plant of the OEM for LED fixtures"

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Project Milestone Schedule	Page No: 64	Milestone of Works (Time duration 9 Months)	We humbly request that the time allotted for completion of work be increased to 12 months from the current 9 months, taking into account the COVID -19 pandemic across the globe. Please note that supply chain of all OEMs is affected. The delivery times are longer than normal due some component shortages and delays both inbound and outbound shipping availability.	The tender clause remains unchanged.
	Mobilization Advance	Page No:99	No Mobilisation advance shall be paid.	We humbly request that Ten percent 40% of the entire Contract Price, exclusive of all Recurrent Costs, shall be paid against the Advance Payment Security in the form of BG as per GFR rule to PSUs	No change.
	Clause. 5.17 : On Account Payment of Interim Bills	Page No: 150	Each bill shall be accompanied by the following documents.  Measurements and quantities of items of Work done since last bill.  Physical Progress Report along with relevant Photographs.  Copies of quality control tests in specified format covering the Work done since last bill.  Copies of Material Bills for equipment's and items procured at site after initial inspecting and approval from Engineer In Charge.  Copies of instructions recorded in the site instruction book containing the instructions and compliance made thereof, covering the Work done since last bill.	We humbly request that the clause be read as "Each bill shall be accompanied by the following documents only  Packing list Delivery challan GST Invoice QC certificate on OEM letter head confirming the warranty period	The tender clause remains unchanged.
	Clause. 5.18 :Payment of Final Bill	Page No: 150	On the intimation to the Engineer-in-charge by the contractor for the completion of the work, the Engineer-in-charge shall arrange for the inspection of works by his representative, PMC and the Architect Consultants. Upon the inspection of works Engineer-in-charge will hand over a list showing the defects in works, if there are any, to the contractor. The final Bill shall not be paid till all such defects are not rectified to the entire satisfaction of the Engineer-in-charge.	Payment of final bill shall be made after submission of Site Inspection report/Installation report (which ever is applicable) .Inspection shall be done for 5% of the lot delivered by switch on/off test	The tender clause remains unchanged. However a line is added in Clause as: "The inspection and relevant report of defects, if any will be submitted by E-in-C to contractor within 15 days of written request by contractor claiming for completion of work.
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idder 5					

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Special Conditions – Light Fixture	Page No: 158	Where manufacturer's names and/or catalogue numbers are given, this is an indication of the quality, standards and performance required. For items not covered under the List of Approved Makes', contractor shall offer items of first class quality, standards and performance and obtain the approval of Engineer In charge/Consultants before procuring them. Deviation from the list of approved makes list to be informed to and approved by the owner representative, PMC, consultant prior to procurement of any equipment at site. Where interfacing occurs, equipment shall be mutually compatible in all respects.	List of approved makes of Light Fixtures are Regent, Trilux, Disano,LT, Qlite. These makes are mostly imported brands. Havells should also be considered as one of the approved brands. Havells is one of the Top three lighting brands in the Country with Lighting Turover More than 1000 Cr. With Inhouse State of art Lighting Manufacturing plant in India, supplying to Domestic and International markets meeting both Indian & International standards. HAVELLS should approved as Lighting Luminaire Brand with Govt. Atmanirbhar Bharat Initiatives and Local for Local vision. We shall be meeting the complete Technical specs of the products, attached list of equivalents proposed.	Clause should be read as under: "Approved makes: Regent/Trilux/Disano/Havells/Bajaj for Light Fixtures as per BOQ Line Item defined in basket. Approved makes for High Mast Fixtures: Disano / Regent / Bajaj /Havells. Approved make for communication cables: LAPP/Polycab. Approved Make for any other flexible wire/ cable: Polycab/KEI/ skytone. Any other material make: As approved by E-In-C."  Note: OEM should have their own Plant registered in India unde their own name for the manufacturing of Luminaires and Drivers, plant should meet ISO norms and should be manufacturing Light fixtures for minimum 5-10 years. Manufacturing Facility should have own Testing facilities meeting NABL standards/ certification.
	Summary of Scope of work	Page No: 3	Supply and Safe Keeping including testing of Light Fixture within the campus for various buildings and external areas within the campus. The installation will be arranged through the other agency/contractor, however, the technical guidance/monitoring for the installation will be extended by the LED fixtures supplier. The supplier will be responsible for the commissioning of the supplied LED Fixtures and demonstration of the performance on the designed parameters/lux.	esponsibility is only for the supply of Luminaires and providing after sales warrantyi.e. Spare management. Wiring etc will be in the scope of other agency, pls clarify.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Summary of Scope of work	Page No: 3	SITC of various fixtures in the external areas as called in the BOQ including providing shop drawings and design documents where ever required	For external Lighting Installation is in the scope of bidder, here pls clarify does installation mean only cable termination at Luminaire level or complete scope of Electrical work inclusive of cable supplying, laying etc. Kinldy provide detailed Drawings.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	Summary of Scope of work	Page No: 3	SITC of various decorative light fixtures in various buildings within the campus.	For external Lighting Installation is in the scope of bidder, here pls clarify does installation mean only cable termination at Luminaire level or complete scope of Electrical work inclusive of cable supplying, laying etc. Kinldy provide detailed Drawings.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioing of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	Summary of Scope of work	Page No: 3 & 4	Scope Of work	Need More clarity on the Scope of Work, somewhere in BOQ its Supply and Upkeeping and Some Items in BOQ mention SITC, Kinldy elaborate on the Scope of Job.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	General Information	Page No: 13	The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir	There can be multiple Partners/ Distributors for a Lighting Brand in the region. We Suggest that Bidder should have Manufacturers Authorization Certificate as mandatory Document part of Pre Qualification to participate as eligible bidder. Only Authorizing dealer of the specfic region will limit the number of bids in the tender.	make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir" stands deleted. The new clause is added as: "Bidder should enclose Tender Specific Manufacturer Authorization Form (MAF) from OEM and the same Is mandatory for LED Fixtures, at time of
	Payment on intermediate Certificate to be regarded as Advances	Page No: 93	1)After initial inspection (Wherever specified) & delivery at site in good condition on pro rata basis. 2) On successful handing over to client for beneficial use. This includes the inventory list, installation (whichever is specified), and testing & commissioning	In case of items where only supply is mentioned, does that mean 100% payment will be realesed for those items against supply.	The tender clause remains unchanged.
Bidder 6					
The contract					
	Summary of Scope of work	Page No: 3	Scope of work	The scope of work under the NIT document is not clearly defined. Please explain the exact scope of work for the NIT.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	Summary of Scope of work	Page No: 3	Site is located along the Patna - Rajgir Highway and is well connected with the city of Rajgir, Bihar. Total area of the site is approximately 455 acres ("Site").	on university premises due to the remoteness	No change.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	2.(b).2	Page No: 13	The bidder should have had average annual financial turnover (gross) of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) of Similar works during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant. Year in which no turnover is shown would also be considered for working out the averagd.	We request that the turnover being considered should be entire turnover of the company and not just the turnover for the similar works as defined in NIT clause 2(b)1 on page12. This clause for turnover of similar works will be restrictive to bidders and will hamper participation of prospective bidders and should hence be removed.	Clause is amended to "The bidder should have had average annual financial tumover (gross)of Rs.5.87 Crores (Rupees Five Crore Eighty Seven Lakh only) during the immediate last five consecutive financial years balance sheets, ending 31st March 2020, duly audited by Charted Accountant."
	General Information	Page No: 13	The following are also be allowed to participate in the tender. The OEM (of Light Fixtures only) as per the preferred make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University, Rajgir	MAF is a necessary document for the end user as it helps to secure the end user for authentic	make list of this NIT or their perpetual authorized distributor for the region covering Nalanda University. Raigir' stands deleted.
01447					
Bidder 7				PC diffuser becomes brittle & yellow	
			As per tender specification Light fixture should be with PC diffuser	degeneration after some time. Which also lead to degradation of light output and lumen depreciation is more. We suggest to use PMMA type of diffuser for same for lesser lumen depreciation.	It is confirmed that Light fixture shall be with PC/PMMA diffuser.
		Financial Bid- Sr no-11-12-13- 14- 15	As per tender specification THD shall not exceed 10%		It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fitiings shall not have THD more then 20%
		Financial Bid- Sr no 21	As per tender specification THD shall not exceed 10%	As this is underwater Light, Driver is external and DC supply so THD will be more than 20% for this fixture. Request you to consider and do the amendments in the tender.	It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fittings shall not have THD more then 20%
Bidder 8		The state of the s			

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
BOQ - in general			Light Fixture Models as per "light fixture basket.pdf"	Certain light fixture models are obsolete as per manufacturing point of view. Kindly confirm whether to quote equivalent models as offered by the approved OEM's.	Clause should be read as under: "Approved makes: Regent/Trilux/Disano/Havells/Bajaj for Light Fixtures as per BOQ Line Item defined in basket. Approved makes for High Mast Fixtures: Disano / Regent / Bajaj /Havells. Approved make for communication cables: LAPP/Polycab. Approved Make for any other flexible wire/ cable: Polycab/KEI/ skytone. Any other material make: As approved by E-In-C."  Note: OEM should have their own Plant registered in India under their own name for the manufacturing of Luminaires and Drivers, plant should meet ISO norms and should be manufacturing Light fixtures for minimum 5- 10 years. Manufacturing Facility should have own Testing facilities meeting NABL standards/ certification.
BOQ - in general			Flexible cabling	We would consider the required flexible cabling along with the line items where installation is in our scope. Similarly, where installation is not in our scope, we wouldn't consider any cabling. Kindly confirm.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
BOQ - 1.0 - 5.0			As per item description, Light fixture should be with PC diffuser	As per approved OEM's, PC diffuser becomes brittle & yellow degeneration after some time which also lead to degradation of light output and lumen depreciation is more. We suggest to use PMMA type of diffuser for same for lesser lumen depreciation.	It is confirmed that Light fixture shall be with PC/PMMA diffuser.
BOQ - 7.0			As per item description, housing should be made of CRCA Material.	As per approved OEM's, the housing shall be extruded alumunium. Kindly confirm.	It is confirmed that Housing shall be Aluminium pressure die casting.
BOQ - 11.0 - 15.0			As per item description, THD shall not exceed 10%	As per approved OEM's, since the driver used in the product is constant voltage, so THD will more the 20% for these fixtures. Kindly confirm the same.	It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fittings shall not have THD more then 20%
BOQ - 21.0			As per item description, THD shall not exceed 10%	As per approved OEM's, since this is underwater Light, Driver is external and DC supply so THD will be more than 20% for this fixture. Kindly confirm the same.	It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fittings shall not have THD more then 20%

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
BOQ - 19.0 & 22.0			Civil foundations & excavations	Kindly descope the entire civil works. We believe as per BOQ description, the final finishing of cut-outs shall not be in our scope wherever installation is mentioned.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
	Milestone of Works: Submission of Technical Data sheets for Fixtures for approval.		10 for submission and approval by 25 Days from effective date	40 days for submission from the date of receipt of work order.	The tender clause remains unchanged.
	Milestone of Works: Inspection call at the Manufacturers Works and Inspection at Works for 1st LOT		45 days	75 days from the date of receipt of work order.	The tender clause remains unchanged.
	Milestone of Works: Supply of Light Fixture to site for 1st LOT for Hon'ble Vice Chancellor.		2 months	3 months from the date of receipt of work order.	The tender clause remains unchanged.
	Testing of equipments		General	Only physical dimensions and lux level can be measured at site level. We are unable to provide any other testing equipments at site laboratory. Kindly confirm.	It is confirmed that all testing equipments as required as per CPWD General specifications for Electrical works Part I 2013 ( with latest amendments upto the last date of the Bid) shall be maintained at site by contractor in the site lab for carrying out relevant site tests feasible at site. All other required tests will be carried out in approved reputed independent external testing labs as approved by E-In- C with sample and testing cost to be borne by contractor within quoted cost

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Earnest Money Deposit		General	As per tender"CPPP Details", EMD Amount is INR Rs. 21.74 Lacs; Also as per NIT document/Clause 5.1 "As per the latest office memorandum NO: DG/CON/Misc./13 dated 23/11/2020, no provision of Earnest Money is kept in the bid document. Only the provision for Bid Security Declaration as per FORM I is kept in the bid document.". Therefore no EMD is required for the tender, Kindly confirm. If yes, kindly accept BG of equivalent amount and share the format of BG Document	It is clarified that EMD is exempted as per the CPWD latest office memorandum NO: DG/CON/Misc./13 dated 23/11/2020. Only the provision for Bid Security Declaration as per FORM I is kept in the bid document ." Kindly refer to the NIT page no 2 &10
	Clause 17:- Defects Liability Period		60 months from completion of the project as a whole.	We request you to kindly accept 60 months from the date of supply of materials at site.	The tender clause remains unchanged.
	LIST OF APPROVED MAKE / MANUFACTU RER		Light Fixtures: BOQ Line Item defined in basket: Trilux, / Disano / Regent / Lighting Techologies (LT) / XAL / Qlite. High Mast Fixtures: Disano / Lighting Technologies (LT) / Regent / Philips	We request you to kindly accept Havells/ Bajaj/ Philips/ Wipro	Clause should be read as under: "Approved makes: Regent/Trilux/Disano/Havells/Bajaj for Light Fixtures as per BOQ Line Item defined in basket. Approved makes for High Mast Fixtures: Disano / Regent / Bajaj /Havells. Approved make for communication cables: LAPP/Polycab. Approved Make for any other flexible wire/ cable: Polycab/KEI/ skytone. Any other material make: As approved by E-In-C."  Note: OEM should have their own Plant registered in India under their own name for the manufacturing of Luminaires and Drivers, plant should meet ISO norms and should be manufacturing Light fixtures for minimum 5- 10 years. Manufacturing Facility should have own Testing facilities meeting NABL standards/ certification.
Bidder 9					
Percentag e rate	NIT Cum tender documents	pg. 10 of 205	Information & Instructions to bidders: Nalanda University invites online percentage rate bids	Since the rate of light fixtures vary widely depending on the manufacturer, we request you to allow us to quote on unit rate basis instead of percentage rate.	The tender clause remains unchanged.
Project Duration/ Milestone	NIT Cum tender documents	pg. 64 of 205	Schedule F: 1. Submission of technical data sheet - 10 days 3. Inspection of 1st lot - 45 days 4. Supply of light fixture for 1st Lot - 60 days 6. SITC of external area lighting - 3 months	The time period for the first few milestones is very short. We request you to kindly modify the milestones as below. The overall time duration of project remains same  1. Submission of technical data sheet - 30 days  3. Inspection of 1st lot - 105 days  4. Supply of light fixture for 1st Lot -120 days  6. SITC of external area lighting - 6 months	The tender clause remains unchanged.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Schedule of issue of Designs	NIT Cum tender documents,	pg. 66 of 205	Schedule of issue of Designs: Included in Tender Set	The mentioned design drawings are not available in tender set. Please provide.	Already uplaced and published with NIT, kindly refer to the webportal.
List of Testing Equipmen t	NIT Cum tender documents,	pg. 66 of 205	List of Testing equipment to be provided by the contractor at site laboratory: As per (Table-1) of Annexure-1 attached.	The mentioned table-1 of Annexure-1 is not available. Also we understand the site laboratory is not applicable for electrical scope of work. Please confirm.	It is confirmed that all testing equipments as required as per CPWD General specifications for Electrical works Part I 2013 ( with latest amendments upto the last date of the Bid) shall be maintained at site by contractor in the site lab for carrying out relevant site tests feasible at site. All other required tests will be carried out in approved reputed independent external testing labs as approved by E-In- C with sample and testing cost to be borne by contractor within quoted cost.
Deviation s/Variatio ns/ Extent and Pricing	NIT Cum tender documents, CLAUSE 12	pg. 67 of 205	Deviations/Variations/ Extent and Pricing: Deviation limit beyond clause 4.23 shall apply for all building work (Above plinth level). 30 % (Thirty per cent).	We understand the mentioned quantity variation clause is applicable for electrical works items also.	The tender clause remains unchanged.
Rate of façade lighting	NIT Cum tender documents	pg. 79 of 205	In case of the requirement of the FACADE LIGHTING, and if rate in the BOQ will not be operable for some of the building inside campus, then the DELHI SCHEDULE OF RATES (E&M) published on 19.08.2019 (adoption of new emerging technology) with the percentage quote impact of the lowest quoting bidder will be applicable.	Rate of façade lighting cannot be derived from DSR as it is a specialised item and the specs keep on varying with time and between different manufacturers. If it is not part of BoQ, we request you to kindly derive these rates based on market rates and extra item formula instead of percentage rate of lowest quoted bidder	The tender clause remains unchanged.
Compens ation for delay	NIT Cum tender documents, Clause 2	pg. 83 of 205	Provided always that the total amount of compensation for delay to be paid under this Condition shall not exceed 10% (Ten per cent) of the accepted Tendered Value of work	We request you to allow max 5% compensation for delay	The tender clause remains unchanged.
Terms of payment	NIT Cum tender documents, Clause 7	pg. 94 of 205	Stage payments After initial inspection & delivery on pro-rata basis 85% On successful handing over - 15%	Since the project contains largely light fixtures whose installation is not in our scope, we request you to kindly accept the following payment terms  After initial inspection & delivery on pro-rata basis - 90%  On installation (wherever applicable), testing, commissioning and successful handing over - 10% (The 10% shall become payable if clearance for testing, commissioning is not given within 3 months of supply)	The clause is amended as under: "The following percentage of contract rates shall be payable against the stages of work shown herein under:  (1) After Initial inspection and delivery at site in good condition on pro-rata basis as specified in the FDCC: 80%  (2) On completion of Pro-rata installation inclduing all associated civil/cabling/MS conduit etc and /or safe keeping: 10%  (3) On successful testing: 5%  (4) On Commissioning, completion of successful test run period and successful handover to Nalanda university: 5%  Deduction of security deposit shall be governed as per tender relevant clauses.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Terms of payment	NIT Cum tender documents,Cla use 7	pg. 94 of 205	In case of delay in submission of bill by the contractor a simple interest @ 10% per annum shall be paid to the Government from the date of expiry of prescribed time limit which will be compounded on yearly basis.	We request you to delete the clause on interest being chargeable on delay in submission of bill	The clause is deleted.
Completio n plans to be submitted by the contractor	NIT Cum tender documents, CLAUSE 8B	pg. 95 of 205	The contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 2005 and (Part-II External) 1994 as applicable within thirty days of the completion of the work In case, the contractor fails to submit the completion plan as aforesaid, he shall be liable to pay a sum equivalent to 0.1% of Tendered Value subject to a ceiling of Rs.15, 000 (Rs. Fifteen thousand only) The contractor shall submit completion plan for water, sewerage and drainage line plan within Thirty days of the completion of the work., provided that the services plans have been issued for execution by the Engineer-in-Charge, unless the contractor, by virtue of any other provision in the contract, is required to prepare such plans.	The mentioned completion plan for water, sewerage & drainage line plan is not part of electrical contract, hence should not be applicable	It is confirmed that the following Para in the clause stands deleted "The contractor shall submit completion plan for water, sewerage and drainage line plan within Thirty days of the completion of the work. , provided that the services plans have been issued for execution by the Engineer-in-Charge, unless the contractor, by virtue of any other provision in the contract, is required to prepare such plans."  Also it is confirmed that the contractor shall submit completion plan as required vide General Specifications for Electrical works (Part-I internal) 2013 and not 2005, with latest amendments issued upto the last date of the Bid.
Payment of final bill	NIT Cum tender documents, Clause 7	pg. 96 of 205	Payments of those items of the bill in respect of which there is no dispute and of items in dispute, for quantities and rates as approved by Engineer-in-Charge, will, as far as possible be made within the period of 6 (six) months,	We request you to make the final payment within 60 days of bill submission	It is confirmed that the Final Bill shall be generally paid after submission of all requisite documents by contractor to E-in-C within 90 days of submission.
Rate variation	NIT Cum tender documents, Clause 10 CA	pg. 98 of 205	No variation in Prices/ Rates of any item of works shall be payable and the prices shall remain firm during the period of the contract and also fir the extended period of contract	Looking at the current high volatility in market rates of material, we request you to kindly allow escalation as per market price	The tender clause remains unchanged.
Deviation s / Variations Extent and Pricing	NIT Cum tender documents,	pg. 99 of 205	The Owner shall have power (I) To make alteration in, omissions from, additions to or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the Work, and	change in specified model number (as per Lighting basket), the light fixtures as per revised specification shall be treated as extra item and we shall be paid according to the	The Clause shall be read as" The Owner shall have power (I) To make alteration in, omissions from, additions to or substitutions in the drawings/ designs/ instructions that may appear to him to be necessary or advisable during the progress of the Work, and nothing extra shall be payable on this account to the contractor. Also, in case any LED fixture model number is changed by OEM but is meeting the minimum specs ( with prior approval of E-In-C) as detailed in BOQ, it will not be considered as any extra item and nothing extra is payble on that account.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Occupation of Buildings by Unauthorized persons	NIT Cum tender documents, CLAUSE 19J	pg. 113 of 205	It shall be the responsibility of the contractor to see that the building under construction is not occupied by anybody unauthorized during construction, and is handed over to the Engineer-in-Charge with vacant possession of complete building. If such building though completed is occupied illegally, then the Engineer-in-Charge shall have the option to refuse to accept the said building/buildings in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay, a levy up to 5% of tendered value of work may be imposed by the Engineer-in-charge whose decision shall be final both with regard to the justification and quantum and be binding on the contractor.	Responsibility of unauthorised occupancy of building is not related to electrical contractor scope of work, hence no penalty shall be imposed on account of this clause. Please accept.	The clause stands deleted.
Departme ntal Water supply if available	NIT Cum tender documents,	pg. 120 of 205	Water if available may be supplied to the contractor by the Owner subject to the following conditions.  i) The water charges @ 1 % shall be recovered on gross amount of the work done.  ii) The contractor shall make his own arrangement of water connection and laying of pipelines from existing main of source of supply.	hence this clause should not be applicable	The tender clause remains unchanged.
Reimburs ement of levy/tax	NIT Cum tender documents, Clause 38	pg. 123 of 205	No adjustment i.e. increase or decrease shall be made of any variation in the rate of GST, Building or other Construction Workers Welfare cess or any tax, levy or cess applicable on Inputs.	As light fixtures/components of light fixtures may be imported, their prices can vary due to variation in custom duty. We request you to kindly allow variation in rates due to change in rates of custom duty/ imposition of any new duty/tax	The tender clause remains unchanged.
Protection of Property	NIT Cum tender documents,	pg. 137 of 205	d)The contractor shall provide suitable barricading approximately 2.0 m high, with suitably painted with three rows of G.I. Sheets about 2'-6" to 3'- 0" wide (75 cms to 90 cms.) nailed or bolted with wooden poles spaced 2 to 3 meter apart and each pole 1.6 m to 2 m long 8 cm. to 10 cm. dia.		Clause stands deleted. It is confirmed that safekeeping of LED fixtures till final handover to Nalanda university is in Bidder scope. Safekeeping method, system, location, safekeping store construction with lighting and security guards deployment etc is in contractor scope within quoted cost with prior approval of E-In-C. Any relevant Insurance to be taken for any theft/damage etc during safekeeping shall be taken by contractor at his own cost as per approval of E-In-C including CAR policy.
Temporar y roads and approach es	NIT Cum tender documents, Clause 5.9	pg. 138 of 205		All temporary roads and approaches shall be arranged by the client. Please confirm	It is confirmed that all approaches for executing Interior LED fixtures is in scope of Client but all approaches, temporary roads etc for execution of High mast lights and /or any external LED fixture work shall be in scope of this bidder as per this tender.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Contractor 's Responsi bilities and Work Control	NIT Cum tender documents, Clause 5.12	pg. 141 of 205	(b) The Contractor shall take all necessary precautions to protect the site and Works, materials, plant and equipment, whether his own or belonging to the Owner or any Sub-Contractors, against hazards of fire, rains, floods, landslides, underground water, accidents, etc.	We understand electrical contractor is responsible for safety & security of materials belonging to their scope of works. Protection of owner's property against hazards of fire, rains, floods, landslides, underground water, accidents, etc. shall not be in contractor's scope. Please accept.	Clause stands deleted. It is confirmed that safekeeping of LED fixtures till final handover to Nalanda university is in Bidder scope. Safekeeping method, system, location, safekeping store construction with lighting and security guards deployment etc is in contractor scope within quoted cost with prior approval of E-In-C. Any relevant Insurance to be taken for any theft/damage etc during safekeeping shall be taken by contractor at his own cost as per approval of E-In-C including CAR policy.
Defect Liability Period	NIT Cum tender documents, Clause 8,9	pg. 161,162 of 205	All Fixtures systems shall be guaranteed for a period of 60 months from the date of taking over by the University, against unsatisfactory performance and /or breakdown due to defective design, workmanship or material.  Contractor is responsible to provide a comprehensive maintenance of the fixtures supplied by him for a minimum of Five (5) years and is covered under this defect liability period	We request you to keep DLP as 12 months inline with other contracts of Nalanda University	The tender clause remains unchanged.
Preserve and protect landscape during constructi on	NIT Cum tender documents	pg. 174 of 205	Following provisions shall be made at site by the contractor to preserve and protect landscape.  Nothing shall be paid on this account unless specifically provided for in the schedule of quantities.	Clause not applicable for electrical contract	The tender clause remains unchanged.
Light Fixtures	Financial Bid	Boq item no. 2 to 10, 16	Supply, Safekeeping, Testing & comissioning of light fixtures	Since installation date is not known, we request you to limit our scope to supply and safekeeping of light fixtures for the project duration after which the lights will be handed over to client	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Light Fixtures	Financial Bid	Boq item no.19	Supply, Installation, Testing & Commissioinig of high end approx 25 to 40W Wall / pole bracket / floor Mounted Decorative LED Spike Fixture Round in shape projector type, The fixture shall be provided with adequet type of bracket & 3m clear height pole / base to fix on wall / pole / in ground as tree uplighter etc with same MOC & finish.Pole shall be B class GI Pole with Poder coaing same as of fixture, shall have integral junction box with connector & MCBs as required for connection of cables.	As per BOQ description for installtion of light fixtures wall brackets/poles/floor mounted is mentioned. Please confirm the type of installation required. Please confirme whether GI poles (3 mtr) shall be quoted with light fixtures.	The clause to be read as under: "Supply, Installation, Testing & Commissioinig of high end approx 25 to 40W Wall / pole bracker / floor Mounted Decorative LED Flood light fixture, in projector type, approx dimension of the fixture shall be 200x 275 x 100 mm with SDCM 7, CCT of 5500±500k, Housing made of Pressure Aluminum Diecast with corrosion resistant powder coating, Minimum IP65, PF minimum 0.95 with heat resistant toughened glass cover. LED shall be from Approved make only. % THD shall not exceed 20% .surge protection minimum 5KV. Long life 50,000@L70. Driver shall be Silicon encapsulated metallic isolated. Lumen package shall be minimum 2000 lumens keeping 80 L/Watts minimum. Beam angels shall be available from 10deg to 40 deg, The fixture shall be provided with adequate type of bracket & 3m clear height pole / base to fix on wall / pole / in ground as tree uplighter etc with same MOC & finish. It is preferable to have make in india fixture & in house facility of manufacturing driver, powder coating etc with NABL accredited lab since all accessories shall be same in finish & quality. Pole shall be B class GI Pole of requisite dia. with Powder coating same as of fixture, shall have integral junction box with connector & MCBs as required for connection of cables"
Light Fixtures	Financial Bid	Boq item no.21	resistance Underwater Asymatrical / Symatrical Light Fixture This item shall include Supply	As per our understanding conduit & wiring for light fixtures are not part of this scope, hence junction box & interconnection conduit from JB to light fixtures shall be in scope of contractor doing cabling & conduiting works. Please confirm.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
Light Fixtures	Financial Bid	Boq item no.22		Please provide the catalogue details for the light fixtures to be mounted on High Mast and also please confirm the quantity of fixtures required per High mast, BOQ description mentions 32 to 40 nos.	The tender clause remains unchanged.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
High Mast	Financial Bid	Boq item no.22	This item shall include rates for a common 1 no hydraulic ladder system to use between these quantity of 4.	As per BOQ requirement for High Mast, 1 no. Hydraulic ladder is mentioned to be used with all 4 high masts, however in specifications maintenance lift is mentioned. Please clarify the requirement is for Hydraulic ladder or maintenance lift.  We also request you to please make Hydraulic ladder or maintenance ladder as a seperate BOQ item.	The tender clause remains unchanged.
High Mast	Technical Specifications	pg.8 of 13	Maintenance Lift. o A properly designed maintenance lift shall be provided as part of the contract for routine maintenance of the stadium mast system. The		it is confirmed that motorsied Hydraulic Laddar has to be provided.
Light Fixtures	Financial Bid	Boq item no.23	All equipments shall have 50% spare capacity for future usage.	We understand the requirement mentioned in BOQ sr.no, 23 for Lighting control system is considered with required redundancy & spare capacity hence we shall not consider any further spare capacity for future usage.	The tender clause remains unchanged.
Lighting Control System	Technical Specification	pg.8	Central command center & server for DALI shall have all software, hardware, licensing access to monitor, review, command & change the existing part of DALI system proposed for non residentail cluster	BOQ sr. no. 23, 30 & 31 all mention the requirement of supervisory level network controller system for lighting control system. Please confirm whether all of these mentioned item shall be quoted.	The tender clause remains unchanged.
Lighting Control System	Financial Bid	Boq item no.23	Supply, Store, Shifting, Installation, Testing & Commissioning of following DALI based lighting control system including required all misc accessories & supporting items. Components are given below (Note for all DALI related items: This includes providing system architecture for approval as per OEM system requirement; the successful bidder has to co-ordinate for DALI system installtion with existing contractor concerned at the site and in case of any fail, the successful bidder of this DALI system will be sole responsible for its excution without any extra cost.) All equipments shall have 50% spare capacity for future usage.	In BOQ item no. 23, detailed specification for lighting control system is not mentioned. Also similar requirement is mentioned in BOQ sr. no. 30 but with different quantity and different rate. Please clarify	
Lighting Control System	Financial Bid	Boq item no.30	Configuration of server shall be such a way that 100% redudent system shall be made available during fault or maintanance instnace	Please confirm whether 100% redundancy in server is required or not, redundancy for server not mentioned in specifications.	The tender clause remains unchanged.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Lighting Control System	Financial Bid	Boq item no.26 & 27	Supply, Store, Shifting, Installation, Testing & Commissioning of Station bus cable. Two conductors / Free topology / No polarity / Max 90pF/m and approx Diameter 1.5mm²	As per BOQ description only SITC of cable is mentioned, we understand conduit/cable trays/raceways shall be already existing and supplied & installed by other contractor. We shall be considering supply & Installation of only cables in our scope. Please accept.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
Light Fixtures				We understand for all the BOQ items wherein requiremnet for SITC is mentioned, our scope is limited to supply, installtion & testing, commissioing of light fixtures only, incomer power cable, conduit, junction boxes or other accessories required for power input to light fixtures shall be provided by other contractor. Please confirm.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioing of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
High Mast & Poles				We understand all civil works related to foundation of high Mast, lighting poles, Hight mast feeder pillar, shall be in civil contractors scope of works, we shall provide necessary drawing and load requirement for foundation as required by civil agency.	The scope of the project should be read as "Supply, Safe keeping, Testing and Commissioning(SSTC)" for LED fixtures where installation of LED fixtures is in scope of other contractor as per BOQ. In case of other Items where BOQ item relates to Supply, safe keeping, Installation, testing and commissioning of LED fixtures (SSITC) is concerned where installation including wiring/cabling, civil work, MS conduit etc complete is in scope of bidder as per design /details/drawings provided by contractor and approved By E-In-C, then it shall be accordingly executed as per BOQ within the quoted cost. Nothing extra shall be payable on this account under any condition "This superseeds any other reference in the tender document.
Light Fixtures	Financial Bid	Boq item no. 1,2,3,4,5	Housing Aluminum Extrusion / die cast, with SDCM 5, shall have minium CRI of 80 & PF minimum 0.95 with Cover of translucent PC Diffused optics	As per tender specifications and BOQ requirement for PC diffuser is mentioned, PC diffuser becomes brittle & yellow and degeneration occurs after some time. Which further lead to degradation of light output and lumen depreciation. We request you to accept PMMA type of diffuser for all indoor fixtures to minimise lumen depreciation.	It is confirmed that Light fixture shall be with PC/PMMA diffuser.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Light Fixtures	Financial Bid	Boq item no. 7	Supply, safekeeping, Testing and comissioning of the designed parameters related to fixtures (Like Lux and others) of approx 18 to 24W surface LED Decorative Batten light incl of all required mounting Kit & CCT 4000±500k, SDCM 5, made of CRCA material	We request you to accept light fixtures with Housing of extruded Aluminum also.	It is confirmed that Housing shall be Aluminium pressure die casting.
Light Fixtures	Financial Bid	Boq item no. 11,12,13,14,15	% THD shall not exceed 10%	The driver used in these fixtures are constant voltage so THD will be more than 10% for these fixtures. Request you to please accept the THD greater than 10% however same shall be less than 20%.	It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fittings shall not have THD more then 20%
Light Fixtures	Financial Bid	Boq item no.21	Supply, Installation, Testing & Commissioning of approx 20w to 40W IP68 and high impact resistance Underwater Asymatrical / Symatrical Light Fixture This item shall include Supply of required Junction box & interconnection conduits from JB to light fixture etc.	The driver used in these fixtures shall be external to the fixtures and shall supply DC power to fixtures, hence the THD will be greater than 10%. Request you to please accept the THD greater than 10% however same shall be less than 20%.	It is clarified that there is no change in THD in tender specification for Indoor LED fittings i.e THD of Indoor LED fittings shall not exceed 10%. But Outdoor LED fittings shall not have THD more then 20%
Light Fixtures	Technical Specifications	pg. 6 of 13	The LED modules should be from Cree/Nichia/Philips LumiLeds/ Osram Only with efficiency of a min 100 lm/watt and efficacy of fixtures should be greater than 80 lm/w for both indoor and outdoor fixtures, built with Integral driver	As per BOQ description for some fixtures lumens efficiency is mentioned as 60 lm/W minimum, we request you to accept lumens efficiency as per manufactures design/approved catalogue and as per BOQ requirement	The tender clause remains unchanged . Further The approved makes shall be as specifed above.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
Light Fixtures	Financial Bid	Boq item no.19	Pole shall be B class GI Pole with Powder coating same as of fixture, shall have integral junction box with connector & MCBs as required for connection of cables.		The clause to be read as under: "Supply, Installation, Testing & Commissioinig of high end approx 25 to 40W Wall / pole bracket / floor Mounted Decorative LED Flood light fixture, in projector type, approx dimension of the fixture shall be 200x 275 x 100 mm with SDCM 7, CCT of 5500±500k, Housing made of Pressure Aluminum Diecast with corrosion resistant powder coating, Minimum IP65, PF minimum 0.95 with heat resistant toughened glass cover. LED shall be from Approved make only. % THD shall not exceed 20% .surge protection minimum 5KV. Long life 50,000@L70. Driver shall be Silicon encapsulated metallic isolated. Lumen package shall be minimum 2000 lumens keeping 80 L/Watts minimum. Beam angels shall be available from 10deg to 40 deg, The fixture shall be provided with adequate type of bracket & 3m clear height pole / base to fix on wall / pole / in ground as tree uplighter etc with same MOC & finish. It is preferable to have make in india fixture & in house facility of manufacturing driver, powder coating etc with NABL accredited lab since all accessories shall be same in finish & quality. Pole shall be B class GI Pole of requisite dia. with Powder coating same as of fixture, shall have integral junction box with connector & MCBs as required for connection of cables"
Light Fixtures	Financial Bid	Boq item no.19	Pole shall be B class GI Pole with Powder coating same as of fixture, shall have integral junction box with connector & MCBs as required for connection of cables.	standard GI Poles are Galvanised hence power	The tender clause remains unchanged.
Light Fixtures	Financial Bid	Boq item no.34	Supply, Installation, Testing Reading table/floor lamp based Pendant light fixture. system power: 60W-70w, direct + indirect or only direct or only indirect, lumen package shall be minimum 6000 lumens keeping 100lumen/watt, colour temperature of 4000±500k, SDCM 5	Please provide the catalogue details for Trilux Lighting for Table Lamp, as per Light fixtures basket only Reference image of table lamp for Trilux is shown catalogue no. is not mentioned.	Tender clause remains unchanged. For approved makes for light fixtures , pl refer list of approved makes as mentioned herein.
Light Fixtures	Financial Bid	Boq item no.38		Please provide the catalogue details for DISANO Lighting for Bollards, as per Light fixtures basket only Reference image of Bollard for DISANO is shown catalogue no. is not mentioned.	Tender clause remains unchanged. For approved makes for light fixtures , pl refer list of approved makes as mentioned herein.
Bidder 10					1 magingle

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	NIT Tender Documents, Requirement of Technical staff	.Pg no: 57	Requirement of technical staff: The bidder shall deploy sufficient number of technical and administrative employees for smooth execution of the work. However minimum technical staff to be deployed at site at all times during the execution of the work will be as per following table. The bidder shall submit a list of employees stating clearly the responsibility to be assigned to each of such employees. Further the bidder shall have the capability and resources to arrange at least 15 +_10% number of skilled and 25 + 10% number of unskilled labours per day continuously for various stages of work. The bidder shall have to demonstrate the capabilities to arrange such workers and additional numbers as per the requirement assessed by the Engineer-in -charge for timely completion of various stages of work. The capabilities as claimed by the bidder shall be supported by the past performance and an undertaking.	As per BOQ total quantity of Light fixture is 20154 nos and time for completion is 9 months. If we consider 4 months for approval and procurement time, Light fixture may require 5 months for installation.  Accordingly each month required 4030 nos Light fixtures to installed(20154/5).considering 25 working days 162 (4030/25) light fixtures may be installed per day. As per our experience Group of 1 no skilled and 2 no unskilled worker can install 30 nos light fixture minimum per day. Accordingly 180 nos light fixtures can be installed by 6 group. As such 6 nos skilled and 12 nos unskilled worker required per day to complete the job to install all fixtures. Installation of high Mast special job and may arrange as and when required manpower so please amend the clause accordingly, so that unnecessary loading may not be loaded on tender items and it may be beneficial to client also.	The tender clause remains unchanged.
	Notice inviting E Tenders	Pg no: 2	Last date of technical bid submission in sealed envelope (hard copy in addition of online those bidders, who have submitted their online bid are only allowed to submit the technical bid in hard copy) by 07.5.2021, 3.00pm.	We request to avoid submission of hard copy due to this pandemic situation of COVID-19.	The tender clause remains unchanged.
	Form J - Checklist for Bidder Envelop 1	Pg no: 202	Envelope 1: Bid security declaration and E tender processing fee Bid Security Declaration as per FORM I Demand Draft for E- Tender Processing Fee Envelope marked as Envelope 1 on Top and titled as "Bid security and E Tender processing fee "	We request you to change payment mode for E Tender Processing Fee from Demand Draft to online transfer mode. As a proof of payment scanned copy of RTGS and date of transfer may be uploaded on website by the bidder. If request is accepted then please share the account details for online transfer or RTGS.	The tender clause remains unchanged.

Item	Volume/ Clause no	Page no	Tender Description	Bidders Clarification/Submission	NU Reply and Revised Terms where applicable
	Notice inviting E Tenders	Pg no: 2	Last date of submission of bid through online mode: 30.04.2021, upto 3:30 Pm.	As per last amendment of pre-bid the date for the Pre-bid is 20th April, 2021 while the bid submission date is 30.04.2021. The time remaining for both dates is only 8 days. Already it seems very short time and expected amendment on pre-bid is also pending. So considering pandemic COVID-19, please extend bid submission date at least by 15 days from final amendment (clarification on pre bid queries) because there are multiple items of light fixture having high end aesthetics and technical aspects so it may be taken time to analyse all vendors aspects, price and aesthetics for competitive bidding.	Please refer to relevant corrigendum in this regard.

## MANUFACTURER AUTHORISATION FORMAT

(On manufacturer's letterhead)

Date:

The Registrar, Nalanda University, Rajgir, Bihar 803116 Subject:Manufacturer authorisation towards tender no. \_\_\_\_\_\_ for supply, installation, commissioning and on-site support for IT equipment for setting up of NALANDA UNIVERSITY in Rajgir, We, M/s \_\_\_\_\_ (Name of the manufacturer) having registered office at \_\_\_\_ (address of the manufacturer) by virtue of being manufacturer for \_\_\_\_\_\_ (Name of the product/s), hereby authorise M/s \_\_\_\_\_ (Name of the bidder) having their office at \_\_\_\_\_ (Address of bidder) to submit quote, negotiate, supply, install and provide after sales support for our range of products quoted by them to meet the above mentioned tender requirements. (Name of the manufacturer) within the scope of requirement as per the tender mentioned above through its authorised partner M/s \_\_\_\_\_\_ (Name of the bidder) shall provide support & product warranty services for a minimum period of Two years from the date of installation and commissioning. The undersigned is authorised to issue such authorisation on behalf of M/s \_\_\_\_\_ (Name

Signature & company seal Name Designation Email Mobile No.

of the manufacturer).

For M/s \_\_\_\_\_ (Name of the manufacturer)

To,

Bihar.

Dear Sir,