	TECHNICAL SPECIFICATION STATION LIGHTING SYSTEM 2 X 800 MW NTPC LARA STPS STAGE - II	PE-TS-508-558-E001
		Issue No: 01
		Rev. No. 00
		Date : 11.03.2025

PRE QUALIFICATION REQUIREMENT (TECHNICAL)



	2 X 800 MW NTPC LARA STPS STAGE - II PRE-QUALIFICATION REQUIREMENTS FOR STATION LIGHTING SYSTEM	DOC. NO. PE-PQ-999-558-E001
		REVISION NO. 00 DATE 27.02.2025
		SHEET NO. 1 OF 2

ITEMS : Lighting Fixtures, Lighting Distribution Boards, Lighting Transformers, Lighting Panels. Lighting poles, Receptacles, Junction boxes, Switchboards, etc.

SCOPE:

Supply (Including Design): YES;


Erection & Commissioning (including site unloading, handling and storage): YES

1	Manufacturing Capability LED Lighting fixture manufacturer as per sub-vendor list (refer technical specification) or Vendor should be a Manufacturer of LED lighting fixture. Availability of type test reports conducted at independent Lab or witnessed by third party of LED fixture as per relevant standard. Availability of routine & acceptance test reports of LED lighting fixture to establish in-house capability at manufacturer's works to carry out routine & acceptance tests as per relevant standard. Vendor should have supplied LED lighting fixtures to power plant/ industrial installations.
2	E&C Capability: Option (a) – Executed at least one E&C of lighting system in Power plant/process plant/ refinery/ industry/ substation with minimum supply of 3000 number fixtures in single order. or Option (b) – Executed at least one E&C of Electrical Works (mandatorily including transformers, HT/LT switchgears and cabling) in power plant/ process plant/ refinery/ industry/ substation.
3	Minimum one (1) no. order for supply & E&C as above shall be submitted which should not be more than five (5) years old from the date of techno-commercial bid opening for establishing continuity in business.

NOTES-

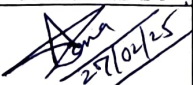
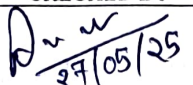
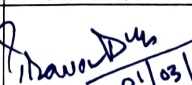

- In case vendor is able to meet criteria at Sl. No. 1 only and not Sl. No. 2 above (or vice-versa), vendor may furnish MOU on non-judicial stamp paper of Rs. 100 /- with any other party meeting the criteria at Sl. No. 2 (or 1) above at bidding stage. Bidder to indicate the scope matrix clearly defining their respective roles including design, supply

	PREPARED BY	CHECKED BY	REVIEWED BY	APPROVED BY
SIGNATURE & DATE				
NAME	ANIL RANA	ASHIM KUMAR DAS	PRAVEEN DUTTA	DEBASIS RATH
DESIGNATION	SR. ENGINEER	SR. MANAGER	ADDL. GM	(GM, DH-ELECTRICAL)

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of equipment/items, E&C etc. and shall be submitted as part of MOU. In case of joint bid, vendor and MOU partner to furnish order copy of respective scope of work (supply/E&C) in line with sl. No 3 above.

2. Bidder to note that agreement of bidding (i.e. MOU on non-judicial stamp paper) once offered to BHEL as a part of bidding documents cannot be changed till the execution of the project.
3. Cut-off date for credentials shall be considered same as date of techno-commercial bid opening.
4. Consideration of offer shall be subject to customer's approval of bidders, if applicable.
5. Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
6. Notwithstanding anything stated above, BHEL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL.
7. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.
8. Attached Annexure-1 to be filled by the bidders on quality & general terms. Requisite Documents (like factory registration certificate, R&D set-up details etc.) asked in the Annexure-1, shall also be attached as Annexure-F2.1 to Annexure F2.17 along with the filled response in the Annexure-1.


	PREPARED BY	CHECKED BY	REVIEWED BY	APPROVED BY
SIGNATURE & DATE	 27/04/25	 27/05/25	 01/03/25	 27/05/25
NAME	ANIL RANA	ASHIM KUMAR DAS	PRAVEEN DUTTA	DEBASISA RATH
DESIGNATION	SR. ENGINEER	SR. MANAGER	ADDL. GM	(GM, DH-ELECTRICAL)



ANNEXURE - 1

SUB-VENDOR QUESTIONNAIRE

i.	Item/Scope of Sub-contracting			
ii.	Address of the registered office 	Details of Contact Person (Name, Designation, Mobile, Email) 		
iii.	Name and Address of the proposed Sub-vendor's works where item is being manufactured 	Details of Contact Person: (Name, Designation, Mobile, Email) 		
iv.	Annual Production Capacity for proposed item/scope of sub-contracting			
v.	Annual production for last 3 years for proposed item/scope of sub-contracting			
vi.	Details of proposed works			
1.	Year of establishment of present works			
2.	Year of commencement of manufacturing at above works			
3.	Details of change in Works address in past (if any)			
4.	Total Area			
	Covered Area			
5.	Factory Registration Certificate	Details attached at Annexure – F2.1		
6.	Design/ Research & development set-up (No. of manpower, their qualification, machines & tools employed etc.)	Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design) Details attached at Annexure – F2.2 (if applicable)		
7.	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc)	Details attached at Annexure – F2.3		
8.	After sales service set up in India, in case of foreign sub-vendor (Location, Contact Person, Contact details etc.)	Applicable / Not applicable Details attached at Annexure – F2.4		
9.	Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any	Details attached at Annexure – F2.5		
10.	Sources of Raw Material/Major Bought Out Item	Details attached at Annexure – F2.6		
11.	Quality Control exercised during receipt of raw material/BOI, in-process, Final Testing, packing	Details attached at Annexure – F2.7		

	ANNEXURE - 1 SUB-VENDOR QUESTIONNAIRE
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12.	Manufacturing facilities (List of machines, special process facilities, material handling etc.)		Details attached at Annexure – F2.8			
13.	Testing facilities (List of testing equipment)		Details attached at Annexure – F2.9			
14.	If manufacturing process involves fabrication then-		Applicable / Not applicable			
	List of qualified Welders		Details attached at Annexure – F2.10			
	List of qualified NDT personnel with area of specialization		(if applicable)			
15.	List of out-sourced manufacturing processes with Sub-Vendors' names & addresses		Applicable / Not applicable			
			Details attached at Annexure. –F2.11 (if applicable)			
16.	Supply reference list including recent supplies		Details attached at Annexure – F2.12 (as per format given below)			
	Project/ package	Customer Name	Supplied Item (Type/Rating/Model /Capacity/Size etc)	PO ref no/date	Supplied Quantity	Date of Supply
17.	Product satisfactory performance feedback letter/certificates/End User Feedback			Attached at annexure - F2.13		
18.	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) Note:- Reports need not to be submitted			Applicable / Not applicable		
				Details attached at Annexure – F2.14 (if applicable)		
19.	Statutory / mandatory certification for the proposed product			Applicable / Not applicable		
				Details attached at Annexure – F2.15 (if applicable)		
20.	Copy of ISO 9001 certificate (if available)			Attached at Annexure – F2.16		
21.	Product technical catalogues for proposed item (if available)			Details attached at Annexure – F2.17		
Name:		Desig:		Sign:		Date:

Company's Seal/Stamp:-