

	TECHNICAL PQR SUNNI DAM HYDRO ELECTRIC PROJECT (5X73 MW + 1X17 MW) DOUBLE GIRDER EOT CRANES POWER HOUSE CRANE 175/50/10T AND TRANSFORMER CUM GIS HALL CRANE 50/10 T	PE-TS-542-501-A201
		Rev. No. 00
		Date : Mar 2026
PRE QUALIFICATION REQUIREMENT (TECHNICAL)		
1	The Bidder should have designed, engineered , manufactured, erected and commissioned EOT crane/s of capacity 100T or more with minimum crane span of 13 meters, which is in successful operation in at least one (1) station for a minimum period of one (1) year in the preceeding 20 years from the date of bid opening.	
2	The Bidder has to submit following supporting documents meeting above mentioned pre-qualifying requirement Copy of minimum one (1) performance certificate (in English) from end user along with copy of related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) meeting above mentioned pre-qualifying requirement.	
Note		
a	Bidder shall submit approved design documents to substantiate technical parameters as specified in clause 1 above, if the same are not mentioned in the documents submitted against clause 2 above.	
b	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.	
c	In case the PO/ LOI /LOA/ WOs is more than seven (7) years old as on date of bid opening, minimum one (1) no. additional Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid opening, for establishing continuity in business.	
d	Notwithstanding anything stated above, BHEL/CUSTOMER reserves the right for physical assessment of the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL/CUSTOMER. Bidder to furnish details as per Annexure A- "Sub-Vendor Questionnaire".	
e	Consideration of offer shall be subject to Customer's approval of bidders, if applicable.	
f	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.	

CORPORATE QUALITY ASSURANCE
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
12.	Manufacturing facilities	Details attached at Annexure – F2.8

CORPORATE QUALITY ASSURANCE
SUB-VENDOR QUESTIONNAIRE

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

Company's Seal/Stamp:-

Details of Testing facility of Work/s

Annexure -B

PACKAGE	DOUBLE GIRDER EOT CRANES ABOVE 100T			
Bidder name				
Bidder works address				
S. NO.	FACILITY	DETAILS REQUIRED	DATA TO BE FURNISHED	REMARKS
1 a)	Handling facilities in the test bay/ shop	Number & capacity of cranes available		
1 b)		Maximum capacity of load that can be handled with shed/testing bay cranes handle (individually or in tandem)		Layout drawing of the testing / bay shed to be furnished.
1 c)		Clear height from floor level to the Hook level of the crane of testing bay/ shed		
2 a)	Stand/frame for supporting the crane bridge girders during load/ overload testing of crane at works	Number of stands available		
2 b)		Load bearing capacity of each stand		Documentary proof i.e previous load testing report of similar capacity and span or structural calculations for justifying the load bearing capacity of the crane.
2 c)		Height of stand		
3 a)	Load Pit	Dimensions		Pit drawing/photograph to be furnished.
3 b)		Maximum capacity of the load that can be accommodated in load pit		Calculations / drawing to be furnished for justification of maximum load claimed to be accommodated in the available test pit dimensions.
4 a)	Calibrated Dead Load	Maximum dead load (calibrated) along with cradle available		In case of unavailability of sufficient dead load, whether supplier makes any alternate arrangement i.e type of dead load, availability of suitable capacity load cells with display etc.
4 b)		Dimensions		Dimensions of individual load block, as available, to be furnished.
Note: Details of testing facility shall be submitted for justification of capability of testing.				