



**TECHNICAL PQR (GROUP-1)
1 X 800 MW DARLIPALI STPP STAGE-III
DOUBLE GIRDER EOT CRANES
FOR TG HALL 265/25T**

PE-TS-521-501-A501

Rev. No. 00

Date : Nov. 2025

PRE QUALIFICATION REQUIREMENT (TECHNICAL)

| | |
|-------------|---|
| 1 | The Bidder should have designed, manufactured, erected and commissioned EOT cranes of capacity 100T or more with minimum crane span of 28 meters, which is in successful operation in at least one (1) station for a minimum period of one (1) year as on techno-commercial bid opening date. |
| 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. |
| 3 | Bidder shall submit design documents to substantiate technical parameters specified in clause 1 & 2 above, if the same is not mentioned in performance certificate/purchase order. |
| Note | |
| a | 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. |
| b | Minimum one (1) no. Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid submission, for establishing continuity in business. |
| c | 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". |
| d | Consideration of offer shall be subject to Customer's approval of bidders, if applicable. |
| e | 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. |



TECHNICAL PQR (GROUP-2)
2X660 MW DVC RAGHUNATHPUR
2X660 MW CGPGCL KORBA WEST
DOUBLE GIRDER EOT CRANES
FOR TG HALL 200T

PE-TS-390/530-501-A501

Rev. No. 00

Date : Nov. 2025

PRE QUALIFICATION REQUIREMENT (TECHNICAL)

| | |
|-------------|---|
| 1 | The Bidder should have designed, manufactured, erected and commissioned EOT cranes of capacity 100 MT or more with minimum crane span of 28 meters, which is in successful operation in at least one (1) station for a minimum period of one (1) year as on the techno-commercial bid opening date. |
| 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. |
| 3 | Bidder shall submit design documents to substantiate technical parameters specified in clause 1 & 2 above, if the same is not mentioned in performance certificate/purchase order. |
| Note | |
| a | 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. |
| b | Minimum one (1) no. Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid submission, for establishing continuity in business. |
| c | 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". |
| d | Consideration of offer shall be subject to Customer's approval of bidders, if applicable. |
| e | 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. |



**TECHNICAL PQR (GROUP-3)
2 X 660 MW MAHAGENCO KORADI
DOUBLE GIRDER EOT CRANES
FOR TG HALL 140/25T**

**PE-TS-527-501-A501
Rev. No. 00
Date : Nov. 2025**

PRE QUALIFICATION REQUIREMENT (TECHNICAL)

| | |
|-------------|---|
| 1 | The Bidder should have designed, manufactured, erected and commissioned EOT cranes of capacity 100 MT or more with minimum crane span of 28 meters, which is in successful operation in at least one (1) station for a minimum period of one (1) year as on the techno-commercial bid opening date. |
| 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. |
| 3 | Bidder shall submit design documents to substantiate technical parameters specified in clause 1 & 2 above, if the same is not mentioned in performance certificate/purchase order. |
| Note | |
| a | 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. |
| b | Minimum one (1) no. Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid submission, for establishing continuity in business. |
| c | 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". |
| d | Consideration of offer shall be subject to Customer's approval of bidders, if applicable. |
| e | 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. |



**TECHNICAL PQR (GROUP-4)
1 X 800 MW HPGCL YAMUNANAGAR
DOUBLE GIRDER EOT CRANES
FOR TG HALL 160/40T**

PE-TS-510-501-A501

Rev. No. 00

Date : Nov. 2025

PRE QUALIFICATION REQUIREMENT (TECHNICAL)

| | |
|-------------|---|
| 1 | The Bidder should have designed, manufactured, erected and commissioned EOT cranes of capacity 100T or more with minimum crane span of 28 meters, which is in successful operation in at least one (1) power station for a minimum period of one (1) year as on as on techno commercial bid opening date. |
| 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. |
| 3 | Bidder shall submit design documents to substantiate technical parameters specified in clause 1 & 2 above, if the same is not mentioned in performance certificate/purchase order. |
| Note | |
| a | 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. |
| b | Minimum one (1) no. Purchase order shall be submitted which should not be more than seven (7) years old as on date of bid submission, for establishing continuity in business. |
| c | 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". |
| d | Consideration of offer shall be subject to Customer's approval of bidders, if applicable. |
| e | 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>i.</i> | <i>Item/Scope of Sub-contracting</i> | | | |
| <i>ii.</i> | <i>Address of the registered office</i> | <i>Details of Contact Person (Name, Designation, Mobile, Email)</i> | | |
| <i>iii.</i> | <i>Name and Address of the proposed Sub-vendor's works where item is being manufactured</i> | <i>Details of Contact Person: (Name, Designation, Mobile, Email)</i> | | |
| <i>iv.</i> | <i>Annual Production Capacity for proposed item/scope of sub-contracting</i> | | | |
| <i>v.</i> | <i>Annual production for last 3 years for proposed item/scope of sub-contracting</i> | | | |
| <i>vi.</i> | <i>Details of proposed works</i> | | | |
| 1. | <i>Year of establishment of present works</i> | | | |
| 2. | <i>Year of commencement of manufacturing at above works</i> | | | |
| 3. | <i>Details of change in Works address in past (if any)</i> | | | |
| 4. | <i>Total Area</i> | | | |
| | <i>Covered Area</i> | | | |
| 5. | <i>Factory Registration Certificate</i> | <i>Details attached at Annexure – F2.1</i> | | |
| 6. | <i>Design/ Research & development set-up (No. of manpower, their qualification, machines & tools employed etc.)</i> | <i>Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design) Details attached at Annexure – F2.2 (if applicable)</i> | | |
| 7. | <i>Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc)-</i> | <i>Details attached at Annexure – F2.3</i> | | |
| 8. | <i>After sales service set up in India, in case of foreign sub-vendor (Location, Contact Person, Contact details etc.)</i> | <i>Applicable / Not applicable Details attached at Annexure – F2.4</i> | | |
| 9. | <i>Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any</i> | <i>Details attached at Annexure – F2.5</i> | | |
| 10. | <i>Sources of Raw Material/Major Bought Out Item</i> | <i>Details attached at Annexure – F2.6</i> | | |
| 11. | <i>Quality Control exercised during receipt of raw material/BOI, in-process , Final Testing, packing</i> | <i>Details attached at Annexure – F2.7</i> | | |
| 12. | <i>Manufacturing facilities</i> | <i>Details attached at Annexure – F2.8</i> | | |

ANNEXURE-A
CORPORATE QUALITY ASSURANCE
SUB-VENDOR QUESTIONNAIRE

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

| | | | | | | | |
|--------------|--|---------------|--|--------------|--|--------------|--|
| <i>Name:</i> | | <i>Desig:</i> | | <i>Sign:</i> | | <i>Date:</i> | |
|--------------|--|---------------|--|--------------|--|--------------|--|

Company's Seal/Stamp:-

Details of Testing facility of Work/s

Annexure -B

| PACKAGE | | DOUBLE GIRDER EOT CRANES ABOVE 100T | | |
|----------------|---|--|-----------------------------|---|
| 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.