

Amendment No. 2

Date: 08/07/2024

Tender Package Name: “Empanelment of EPC contractors for Transmission line and AIS/GIS Substation projects under fourteen (14) categories.”

Tender Specification No- RECPDCL/TECH/Transmission/e-Tender/2024-25/01 Dated: 28-05-2024

Table-1

Sr. No.	Clause No.	Existing Clause	To be Read as
INVITATION FOR EoI			
1	Page No-1 Category Table	Category-L GIS substation excluding 765kV transformer and 765kV Reactor	Category-L AIS substation excluding 765kV transformer and 765kV Reactor
2	Chapter-3 Qualifying Requirement (QR) 3.1 Technical Criteria	<p>A. 132 kV Transmission Line: The prospective agency shall have constructed 132 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful in operation for minimum 2 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>B. 220 kV Transmission Line: The prospective agency shall have constructed 220 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 2 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p>	<p>A - 132 kV Transmission Line: The prospective agency shall have constructed 132 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful in operation for minimum 1 year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>B. 220 kV Transmission Line: The prospective agency shall have constructed 220 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 1 year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p>

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		<p>C. 400 kV Transmission Line: The prospective agency shall have constructed 400 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 KMs in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 2 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>D. 765 kV Transmission Line: The prospective agency shall have constructed 765 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 2 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>E. Substation Works: The prospective agency shall have constructed new complete AIS/GIS Substation of 132kV, 220 kV, 400kV or 765 kV and above voltage class successfully commissioned in at least 2 different projects on Total Turnkey basis in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 2 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p>	<p>C. 400 kV Transmission Line: The prospective agency shall have constructed 400 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 KMs in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 1 year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>D. 765 kV Transmission Line: The prospective agency shall have constructed 400 kV or above voltage class Transmission Line including Tower, foundation, Erection & Stringing, successfully commissioned in at least 2 different projects on Total Turnkey basis having cumulative length of at least 50 kms in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 1 year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>E. Substation Works: The prospective agency shall have constructed new complete AIS/GIS(as applicable) Substation of 132kV, 220 kV, 400kV or 765 kV and above voltage class successfully commissioned in at least 2 different projects out of which one should be AIS in case of AIS works and GIS in case of GIS works on Total Turnkey basis in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 1 year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p>
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		<p>F. 765 kV Transformer: The prospective agency should have Designed manufactured, tested and supplied 715 kV or higher voltage class One (1) number Three phase transformer of at least 1500 MVA capacity (or equivalent capacity in a bank of three (3) numbers single phase units). These transformers should have been in satisfactory operation for more than Two (2) years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>G. 765 kV Shunt Reactor: The prospective agency should have Designed manufactured, tested and supplied 715 kV or higher voltage class One (1) number of Three phase reactor of at least 1500 MVA capacity (or equivalent capacity in a bank of three (3) numbers single phase units). These reactors should have been in satisfactory operation for more than Two (2) years as on date of issue of EOI. The detailed reference projects</p>	<p>For Category H (GIS substation excluding 765kV transformer and 765kV Reactor) & Category L (AIS substation excluding 765kV transformer and 765kV Reactor) prospective agency shall have constructed new complete 400kV GIS/400kV AIS or above voltage class successfully commissioned in at least 2 different projects out of which one should be AIS in case of AIS works and GIS in case of GIS works on Total Turnkey basis in the last 7 years preceding the date of issue of EOI, which should be in successful operation for minimum 1 years as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers</p> <p>F. 765 kV Transformer: The prospective agency should have Designed manufactured, tested and supplied 715 kV or higher voltage class One (1) number Three phase transformer of at least 1500 MVA capacity (or equivalent capacity in a bank of three (3) numbers single phase units). These transformers should have been in satisfactory operation for more than One (1) year as on date of issue of EOI. The detailed reference projects details to be furnished as detailed in Annexure-F along with satisfactory operation letters from customers.</p> <p>G. 765 kV Shunt Reactor: The prospective agency should have Designed manufactured, tested and supplied 715 kV or higher voltage class One (1) number of Three phase reactor of at least 240MVar capacity (or equivalent capacity in a bank of three (3) numbers single phase units). These reactors should have been in satisfactory operation for more than One (1) year as on date of issue of EOI. The detailed reference projects</p>
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		details to be furnished as detailed in Annexure F along with satisfactory operation letters from customers.	details to be furnished as detailed in Annexure F along with satisfactory operation letters from customers.
3	3.2 Financial Criteria	<p>E) 132 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 35.2 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>F) 220 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 52 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>G) 400 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 96 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>I) 132 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 24 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>J) 220 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 40 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>K) 400 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 80 Cr." as mentioned in 3.1E. above during last seven years.</p>	<p>Supply of Transformer shall be in scope of EPC agency. Revised financial criteria for substations will be considered as below: -</p> <p>E) 132 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 31.8 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>F) 220 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 48 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>G) 400 kV GIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 74.31 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>I) 132 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 20.6 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>J) 220 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 36 Cr." as mentioned in 3.1E. above during last seven years.</p> <p>K) 400 kV AIS Substation Including Transformer: iii. Bidder should have successfully executed "At most two similar works costing not less than INR 58.31 Cr." as mentioned in 3.1E. above during last seven years.</p>

4	<p>Chapter-3 Qualifying Requirement (QR)</p> <p>3.3 Additional Qualifying Requirements</p>	<p>1. Bidder should have a valid 'A' Class Electrical Contractor License issued by any State Government in India for executing electrical works related to Extra High Voltages. Bidder should submit the electrical contractor license along with the bid</p>	<p>1. Bidder should have to submit the undertaking along with the bid regarding submission of 'A' Class Electrical Contractor License issued by any State Government in India within 2 Months after award of works.</p>
5	<p>Chapter-4</p> <p>General Terms and conditions</p>	<p>4. If any Empanelled agency fails to submit price bid during limited tender stage, it shall be counted as 1 instance of non-compliance. Agencies shall be liable to be de-empanelled for 2 cases of such noncompliance.</p> <p>5. Company needs to submit Power of attorney as per format Annexure-E, duly notarized, indicating that the person signing the EoI has/ have the authority to sign the EoI and thus that the EoI is binding upon the Applicant during the full period of engagement with RECPDCL including any extension thereafter.</p>	<p>4. If any Empanelled agency fails to submit price bid during limited tender stage, it shall be counted as 1 instance of non-compliance. Agencies shall be liable to be de-empanelled for 4 cases of such noncompliance.</p> <p>5. EPC may submit the submit Power of Attorney (POA) in accordance with their organisation standard format duly notarized, indicating that the person signing the EoI has/ have the authority to sign the EoI and thus that the EoI is binding upon the Applicant during the full period of engagement with RECPDCL including any extension thereafter.</p>