

**Amendment-II EoI Ref No. RECTPCL/EoI/2018-19/1, Dated October 21, 2018**

**Amendment-II to Expression of Interest (EoI) For Selecting Interested Partner(s) for Jointly Exploring Opportunities in Domestic / Overseas Power /Electricity Transmission & Distribution Sector**

9<sup>th</sup> November, 2018

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<b>Sr. No</b>	<b>Clause Reference of EoI</b>	<b>Existing EoI Clause Description</b>	<b>Amended Clause</b>
1.	<b>Sr. No. (i), (ii) and (iii) of Clause No. 5. ELIGIBILITY CRITERIA</b>	RECTPCL through this Expression of Interest (EoI) intends to empanel suitable Agencies in the following areas/Categories;  (i) Power Transmission Lines for 220 kV and above voltage class (ii) Power Transmission Substation (GIS & AIS both) for 220 kV and above voltage class (iii) Power Distribution Sector	RECTPCL through this Expression of Interest (EoI) intends to empanel suitable Agencies in the following areas/Categories;  (i) EPC works for Power Transmission Lines for 220 kV and above voltage class. (ii) PMC works for Power Transmission Lines for 220 kV and above voltage class. (iii) EPC works for Power Transmission Substation (GIS) for 220 kV and above voltage class. (iv) EPC works for Power Transmission Substation (AIS) for 220 kV and above voltage class. (v) PMC works for Power Transmission Substation (GIS and AIS) for 220 kV and above voltage class.

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			<p>(vi) System Study, Feasibility Study and DPR Preparation for Power Transmission Projects</p> <p>(vii) EPC works for Power Distribution Sector.</p> <p>(viii) PMC works for Power Distribution Sector.</p> <p>(ix) System Study, Feasibility Study and DPR Preparation for Power Distribution Projects</p>
2.	<b>Sr. No. a) of Notes to the Eligibility Criteria- Clause No -5</b>	<p><b>Notes to the Eligibility Criteria</b></p> <p>a) The Applicant can apply in all three areas/categories of empanelment as detailed at Sr. No (i), (ii) and (iii) above.</p>	<p>a) The Applicant can apply in any/ all nine (9) areas/categories of empanelment as detailed at Sr. No (i), (ii), (iii), (iv), (v), (vi), (vii), (viii) and (ix) above.</p>
3.	<b>Sr. No. c) of Notes to the Eligibility Criteria - Clause No -5</b>	<p>c) Applicant meeting the Eligibility Criteria (mentioned in subsequent sections) with higher Voltage Class shall be Empaneled for that Voltage level as well as for all below voltage level. Therefore, in case applicants are having experience of higher voltage class they must submit the documentary evidences for meeting Eligibility Criteria for same voltage class</p>	<p>c) Applicant meeting the Eligibility Criteria for areas/ categories mentioned at Sr. No. (i), (ii), (iii), (iv), (v) and (vi) (under Clause 5) by using the experience of voltage level <b>more than 220 kV</b> shall be considered empaneled for that particular voltage level as well as all lower transmission voltage level under same area/ category.</p> <p>Applicant meeting the Eligibility Criteria for areas/ categories mentioned at Sr. No. (i), (ii), (iii), (iv), (v) and (vi) (under Clause 5) by using the experience of voltage level <b>of 220 kV</b> shall be considered empaneled for all transmission voltage level up to 220</p>

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			<p>kV under same area/ category.</p> <p><b>Note</b> - Applicants having experience of higher voltage level in totality should submit the documentary evidences for meeting the requirement of that Voltage level.</p>
<b>4</b>	<p><b>Sr. No. d) of Notes to the Eligibility Criteria - Clause No -5</b></p>	<p>d) Applicant's meeting Eligibility Criteria shall be further required to deliver a detailed presentation regarding their suitability and capability to associate with RECTPCL to meet the objective of this EOI.</p>	<p>d) Applicant's meeting Eligibility Criteria shall be further required to deliver a detailed presentation regarding their suitability and capability to associate with RECTPCL to meet the objective of area/ category for which applicant has applied.</p> <p>The presentation must cover (but not limited to) the followings;</p> <ul style="list-style-type: none"> <li>• Brief overview of the Company</li> <li>• Management Structure and decision making process</li> <li>• Quality assurance plan and project execution/ planning framework</li> <li>• Detail of Bankers Financial Strength of Company</li> <li>• Past Experience relevant to the area/ category applied for</li> <li>• Current Contract Commitment and ongoing assignments</li> <li>• List of Clients with completed project details must include (but not limited to), scope of work, Targeted completion date and actual completion date.</li> <li>• Various ongoing assignments</li> <li>• Manpower details relevant to the applied category</li> <li>• Licensed software/ tools available for</li> </ul>

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			<p>studies, planning, deigning, Project Management and other related activities</p> <ul style="list-style-type: none"> <li>• Any specific achievement in recent past relevant to the applied category</li> <li>• Tie ups with equipment suppliers, if any</li> <li>• Foreign/ Abroad experience relevant to the applied category</li> </ul>
<b>5</b>	<b>Clause 5A General Eligibility Criteria</b>	<p><b>A.</b> General Eligibility Criteria to be met by the Applicant interested to be empaneled in any/ all the areas/ categories as mentioned at Sr. No (i), (ii) and (iii) above;</p> <p><b>i.</b> The Applicant should be a legal entity.</p> <p><b>ii.</b> The Applicant should not be declared ineligible by Asian Development Bank, World Bank and Exim Bank. Also, Applicant should not have excluded by an act of compliance with a UN Security Council resolution. The applicant has to provide an undertaking regarding fulfilment of this requirement.</p> <p><b>iii.</b> The Applicant should not be black listed by any Govt. Companies/ Govt. organization/ Govt. Agencies etc. in India or abroad. The Applicant has to provide an undertaking regarding the same in the Covering Letter (Form-1).</p> <p><b>iv.</b> The Applicant shall not be involved in any major litigation that may have an</p>	<p><b>A.</b> General Eligibility Criteria to be met by the Applicant interested to be empaneled in any/ all the areas/ categories as mentioned at Sr. No (i), (ii), (iii), (iv), (v), (vi), (vii), (viii) and (ix) above.</p> <p><b>i.</b> The Applicant should be a legal entity.</p> <p><b>ii.</b> The Applicant should not be declared ineligible by Asian Development Bank, World Bank and Exim Bank. Also, Applicant should not have excluded by an act of compliance with a UN Security Council resolution. The applicant has to provide an undertaking regarding fulfilment of this requirement.</p> <p><b>iii.</b> The Applicant should not be black listed by any Govt. Companies/ Govt. organization/ Govt. Agencies etc. in India or abroad. The Applicant has to provide an undertaking regarding the same in the Covering Letter (Form-1).</p> <p><b>iv.</b> The Applicant shall not be involved in any major litigation that may have an impact of affecting or compromising the</p>

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		<p>impact of affecting or compromising the delivery of services. The Applicant has to provide undertaking regarding the same in the Covering Letter (Form-1).</p> <p><b>v.</b> The Applicant should be a company duly incorporated in India under the relevant laws. Relevant Proof in this regard to be submitted by the Applicant.</p> <p><b>vi.</b> Minimum Average Annual Turnover calculated as total Certified Payments received for Contracts in progress or Completed contracts of the Applicant during last three (3) Financial Years (applicable FY 2015-16 onwards) should be at least Rs. 200 Crores, Rs. 100 Crores and Rs. 50 Crores for Category (i), (ii) and (iii) respectively.</p>	<p>delivery of services. The Applicant has to provide undertaking regarding the same in the Covering Letter (Form-1).</p> <p><b>v.</b> The Applicant should be a company duly incorporated in India under the relevant laws. Relevant Proof in this regard to be submitted by the Applicant.</p> <p><b>vi.</b> Minimum Average Annual Turnover (MAAT) calculated as total Certified Payments received for Contracts in progress or Completed contracts of the Applicant during last three (3) Financial Years (applicable FY 2015-16 onwards) must be as under;</p> <table border="1" data-bbox="1383 786 1915 1459"> <thead> <tr> <th>Areas/ categories (Refer clause No-5)</th> <th>Requirement of MAAT (in INR Cr.)</th> </tr> </thead> <tbody> <tr> <td>(i).</td> <td>200</td> </tr> <tr> <td>(ii).</td> <td>30</td> </tr> <tr> <td>(iii).</td> <td>50</td> </tr> <tr> <td>(iv).</td> <td>50</td> </tr> <tr> <td>(v).</td> <td>30</td> </tr> <tr> <td>(vi).</td> <td>30</td> </tr> <tr> <td>(vii).</td> <td>40</td> </tr> <tr> <td>(viii).</td> <td>30</td> </tr> <tr> <td>(ix).</td> <td>30</td> </tr> </tbody> </table>	Areas/ categories (Refer clause No-5)	Requirement of MAAT (in INR Cr.)	(i).	200	(ii).	30	(iii).	50	(iv).	50	(v).	30	(vi).	30	(vii).	40	(viii).	30	(ix).	30
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		<p><b>vii.</b> The Net worth of the Applicant during the last three (3) Financial Years (applicable FY 2015-16 onwards) should be positive.</p> <p><b>viii.</b> Applicant shall have Liquid Assets (LA) and/or evidence of access to or availability of credit facilities of not less than Rs 50 Crores, Rs. 25 Crores and Rs. 15 Crores for Categories (i), (ii) and (iii) respectively.</p>	<p><b>vii.</b> The Net worth of the Applicant during the last three (3) Financial Years (applicable FY 2015-16 onwards) should be positive.</p> <p><b>viii.</b> Applicant shall have Liquid Assets (LA) and/or evidence of access to or availability of credit facilities of not less than the values mentioned below;</p> <table border="1" data-bbox="1388 581 1917 1255"> <thead> <tr> <th>Areas/ categories (Refer clause No-5)</th> <th>Requirement of MAAT (in INR Cr.)</th> </tr> </thead> <tbody> <tr> <td>(i).</td> <td>50</td> </tr> <tr> <td>(ii).</td> <td>7.5</td> </tr> <tr> <td>(iii).</td> <td>12.5</td> </tr> <tr> <td>(iv).</td> <td>12.5</td> </tr> <tr> <td>(v).</td> <td>7.5</td> </tr> <tr> <td>(vi).</td> <td>7.5</td> </tr> <tr> <td>(vii).</td> <td>10</td> </tr> <tr> <td>(viii).</td> <td>7.5</td> </tr> <tr> <td>(ix).</td> <td>7.5</td> </tr> </tbody> </table>	Areas/ categories (Refer clause No-5)	Requirement of MAAT (in INR Cr.)	(i).	50	(ii).	7.5	(iii).	12.5	(iv).	12.5	(v).	7.5	(vi).	7.5	(vii).	10	(viii).	7.5	(ix).	7.5
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<p align="center"><b>6</b></p>	<p><b>Clause 5B</b> <b>General Eligibility Criteria</b></p>	<p><b>B.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for Transmission Lines.</p> <p>a) The applicant must have completed at least two (02) turnkey projects in India and at least one (01) overseas project as prime contractor for the design, supply, installation and commissioning of Transmission lines with 220 kV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least Rs. 300 Crores in India and Rs. 100 Crores in overseas This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p>b) The Applicant must have completed at least one (01) project consisting design, supply, installation and commissioning of Transmission lines with 220 kV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) <b>in mountainous area</b>. Such project should be minimum of 100 Km route length including tower spotting, tower &amp; foundation design, etc. among others. This experience shall be supported by user's/ employer's certificate on the letter head.</p>	<p><b>B.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for EPC works for Power Transmission Lines for 220 kV and above voltage class <b>{Sr. (i) Under Clause 5}</b>.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>a) The applicant must have completed at least two (02) turnkey projects in India as prime contractor for the design, supply, installation and commissioning of Transmission lines with 220 kV or above voltage level within last Seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least Rs. 300 Crores in India. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p>b) The Applicant must have completed at least one (01) project consisting design, supply, installation and commissioning of Transmission lines with 220 kV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) <b>in hilly/mountainous</b> area. Such project should be minimum of 100 Km route length including tower spotting, tower &amp; foundation design, etc. among others. This experience shall be supported by user's/ employer's certificate on the letter head.</p>
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		<p>c) Applicant should have experience of at least one (01) Overseas project of 220 kV or Higher voltage class in last seven (07) years (from the date of originally scheduled EOI due date) in Project Management Services in respect of services viz. Design; Engineering; preparation of Tender Documents and evaluation of bids; finalization of contracts; procurement; inspection; supervision; erection; testing and commissioning etc.</p> <p>d) The Applicant must have proper tie up for supply of following major items of plant and services with PGCIL approved vendors:-</p> <ol style="list-style-type: none"> <li>i. Steel Towers</li> <li>ii. Conductor including Earth wire.</li> <li>iii. OPGW</li> <li>iv. Fittings for conductors and insulator string.</li> <li>v. Fittings for OPGW including joint boxes</li> <li>vi. Insulators&amp; Isolators</li> <li>vii. Transformer and Reactors</li> </ol>	<p>c) Deleted</p> <p>d) Deleted</p>
7	<b>Additional Clause</b>	Not existing	<p><b>C. PMC works</b> for Power Transmission Lines for 220 kV and above voltage class {<b>Sr. (ii) Under Clause 5</b>}.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>Applicant must have completed Project Management Consultancy (PMC) assignments of</p>

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			<p>at least two (02) Transmission line project of 220 kV or Higher voltage class in last <i>Seven (07)</i> years (from the date of originally scheduled EOI due date).</p> <p>Such PMC assignments should broadly include the following:</p> <ul style="list-style-type: none"> <li>• Review of the studies already carried out;</li> <li>• Preparation of bidding documents for the selection of EPC contractor;</li> <li>• Tender Engineering, including Preparation of Technical Specifications,</li> <li>• Tender evaluation and recommendation of award of Engineering Procurement and Construction contract;</li> <li>• Technical assistance in finalization of BOQ;</li> <li>• Review of Civil, Electrical and Mechanical calculations &amp; designs;</li> <li>• Inspection of materials at manufacturer's works before dispatch to site;</li> <li>• Supervision of civil works, Erection, Testing, Commissioning and monitoring of implementation of the project;</li> <li>• Submission of Project Progress Report</li> </ul>
8.	<p><b>Clause 5C General Eligibility Criteria</b></p>	<p><b>a) C. Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for Transmission Substation</b></p>	<p><b>D. Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for EPC works for Power Transmission Substation (GIS) for 220 kV and above voltage class {Sr. (iii) Under Clause 5}.</b></p>

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		<p>a) The applicant must have completed at least two (02) turnkey projects as prime contractor for the design, supply, installation and commissioning of GIS Substation of 220 KV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least <b>Rs. 100 Crores. Out of these two projects one must be in overseas</b> This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p>b) The applicant must have completed at least two (02) turnkey projects as prime contractor for the design, supply, installation and commissioning of AIS Substation of 220 KV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least Rs. 100 Crores. Out of these two projects one must be in overseas. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p>c) The Applicant must have completed <b>at least one GIS and one AIS substation project</b> of 220 kV or higher voltage class as single entity in turnkey contract being in mountainous terrain and areas. This experience shall be supported by user's/ employer's certificate on the letter head. Such project must consist of design, supply, erection,</p>	<p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>a) The applicant must have completed at least two (02) turnkey projects as prime contractor for the design, supply, installation and commissioning of GIS Substation of 220 kV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least <b>Rs. 75 Crores</b>. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p>Deleted</p> <p>b) The Applicant must have completed <b>at least one GIS substation project</b> of 220 kV or higher voltage class as single entity in turnkey contract being in mountainous/<i>hilly</i> terrain and areas. This experience shall be supported by user's/ employer's certificate on the letter head. Such</p>
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		<p>testing and commissioning of the claimed project. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p><b>d)</b> Applicant should have experience of at least one (01) GIS and one (01) AIS Overseas substation project of 220 kV or higher voltage in last seven (07) years (from the date of originally scheduled EOI due date) in Project Management services viz. Design; Engineering; preparation of Tender Documents and evaluation of bids; finalization of contracts; procurement; inspection; supervision; erection; testing and commissioning etc.</p> <p><b>e)</b> The Applicant must have proper tie up for supply of following major items of plant and services with PGCIL approved vendors.</p> <ul style="list-style-type: none"> <li><b>i.</b> HV/ MV Switchgears</li> <li><b>ii.</b> HV/ MV Control panel</li> <li><b>iii.</b> LV AC/DC Panel boards, other hardware items</li> <li><b>iv.</b> Manufacturers of Power and Auxiliary Transformers, Lightning Arresters, Circuit Breakers, Disconnect &amp; Earth Switches, Current Transformers, Capacitor Voltage Transformers, Metal Clad Switchgears</li> <li><b>v.</b> Low voltage AC (400/230 V) &amp; DC</li> </ul>	<p>project must consist of design, supply, erection, testing and commissioning of the claimed project. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p align="center"><b>Deleted</b></p> <p align="center"><b>Deleted</b></p>
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		<p>(220V &amp; 48V) power, lighting, control &amp; protection system for substation plus telecommunication system</p> <p><b>vi.</b> High Voltage, Medium Voltage and Low Voltage AC &amp; DC) systems for substation including associated protection, control, metering and telecommunication systems</p> <p><b>vii.</b> MV&amp;LV Electric cables, OPGW, Overhead conductors, Earthing wires/conductors and termination kits</p> <p><b>viii.</b> Fittings for conductors and insulator string.</p> <p><b>ix.</b> Fittings for OPGW including joint boxes</p> <p><b>x.</b> Insulators&amp; Isolators</p> <p><b>xi.</b> Transformer and Reactors</p>	
<p><b>9</b></p>	<p><b>Additional Clause</b></p>	<p><b>Does Not exist</b></p>	<p><b>E.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for EPC works for Power Transmission Substation (AIS) for 220 kV and above voltage class <b>{Sr. (iv) Under Clause 5}</b>.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p>

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			<p><b>a)</b> The applicant must have completed at least two (02) turnkey projects as prime contractor for the design, supply, installation and commissioning of AIS Substation of 220 kV or above voltage level within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least <b>Rs. 75 Crores</b>. This experience shall be supported by user's/ employer's certificate on the letter head.</p> <p><b>b)</b> The Applicant must have completed at <b>least one AIS substation project</b> of 220 kV or higher voltage class as single entity in turnkey contract being in mountainous/<i>hilly</i> terrain and areas. This experience shall be supported by user's/ employer's certificate on the letter head. Such project must consist of design, supply, erection, testing and commissioning of the claimed project. This experience shall be supported by user's/ employer's certificate on the letter head.</p>
<p><b>10</b></p>	<p><b>Additional Claus</b></p>	<p><b>Does Not exist</b></p>	<p><b>F.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for PMC works for Power Transmission Substation (GIS and AIS) for 220 kV and above voltage class. <b>{Sr. (v) Under Clause 5}</b>.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>Applicant must have completed at least two (02) AIS and Two (02) GIS Project Management Consultancy (PMC) assignments of 220 kV or Higher voltage class substations in last Seven</p>

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			<p>(07) years (from the date of originally scheduled EOI due date) related to) services. Such PMC assignments should broadly include the following:</p> <ul style="list-style-type: none"> <li>• Review of the studies already carried out;</li> <li>• Preparation of bidding documents for the selection of EPC contractor;</li> <li>• Tender Engineering, including Preparation of Technical Specifications,</li> <li>• Tender evaluation and recommendation of award of Engineering Procurement and Construction contract;</li> <li>• Technical assistance in finalization of BOQ;</li> <li>• Review of Civil, Electrical and Mechanical calculations &amp; designs;</li> <li>• Inspection of materials at manufacturer’s works before dispatch to site;</li> <li>• Supervision of civil works, Erection, Testing, Commissioning, and monitoring of implementation of the project;</li> <li>• Submission of Project Progress Report</li> </ul>
<p><b>11</b></p>	<p><b>Additional Claus</b></p>	<p><b>Does Not exist</b></p>	<p><b>G.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for System Study, Feasibility Study and DPR Preparation for Power Transmission Projects {<b>Sr. (vi) Under Clause 5</b>}.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>Applicant must have completed at least two assignments related System Study of Power</p>

			<p>Transmission. Such assignments should broadly include the following:</p> <ul style="list-style-type: none"><li>• Review of existing Transmission Plan</li><li>• Load flow Studies for identification of 110/132 kV and above network required for transmission system strengthening for future under customary contingency (N-1)/(N-1-1) conditions considering the present load conditions and future load growth as well as generation availability including Renewable Generation</li><li>• Study for requirement of 400/220kV, 220/132kV and 132/33kV additional transformation capacity in existing EHV Substations based on anticipated load requirement.</li><li>• Short circuit studies for determination of three phase to ground and single phase to ground sub-transient fault current for above scenarios considering the fault contribution from the various interstate circuits connected to Regional power system.</li><li>• Techno-economic feasibility and financial viability of the year-wise proposed transmission system works.</li><li>• Study and recommendation for power evacuation system from State Sector/Central Sector/Private Sector/Renewable Energy generating stations coming up in Madhya Pradesh under normal conditions on the basis of techno- economical consideration.</li><li>• Study and recommendation for adequate interconnections for evacuation of power from under normal conditions on the basis of techno- economical consideration</li></ul>
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			<ul style="list-style-type: none"> <li>• Study of over/under voltage, over/under loading, voltage regulation as per regulatory norms.</li> <li>• Location and sizing of shunt capacitors/shunt reactors etc. for improvement of dynamic performance of the system including the economic analysis.</li> <li>• Grid integration study of existing &amp; forthcoming renewable energy sources and their effects system as well as suggestion for mitigation measures in respect of integration issues.</li> </ul>
12	<p><b>Clause 5D General Eligibility Criteria</b></p>	<p><b>D.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for Power Distribution Sector</p> <p>a) The applicant must have completed at least two (02) turnkey projects in India <b>and at least one (01) overseas project</b> as prime contractor for the design, supply, installation and commissioning in the area of Power Distribution within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least Rs. 50 Crores in India <b>and Rs. 25 Crores in Overseas</b>. This experience shall be supported by user's/ employer's certificate on the letter head.</p>	<p><b>H.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for EPC works for Power Distribution Sector <b>{Sr. (vii) Under Clause 5}</b>.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <p>a) The applicant must have completed at least two (02) turnkey projects in India project as prime contractor for the design, supply, installation and commissioning in the area of Power Distribution within last seven (07) years (from the date of originally scheduled EOI due date) each with a contract value of at least <b>Rs. 30 Crores in India</b>. This experience shall be supported by user's/ employer's certificate on the letter head.</p>

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		<p><b>b)</b> Applicant should have experience of at least two (2) project in power distribution sector in last Seven (7) years (from the date of originally scheduled EOI due date) for preparation of Detailed Project Reports (DPRs) / Project Feasibility Reports / Design Basis Report etc. in various Power/ Electricity Distribution projects. Out of these two projects, one must be in overseas.</p> <p><b>c)</b> Applicant should have experience of at least two (2) project in power distribution sector in last Seven (7) years (from the date of originally scheduled EOI due date) in Project Management Services viz. Design; Engineering; preparation of Tender Documents and evaluation of bids; finalization of contracts; procurement; inspection; supervision; erection; testing and commissioning in various Power/ Electricity Distribution projects. Out of these two projects, one must be in overseas.</p>	<p><b>b) Deleted</b></p> <p><b>c) Deleted</b></p>
<p><b>13</b></p>	<p>Additional Clause</p>	<p><b>Does Not exist</b></p>	<p><b>I.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for PMC works for Power Distribution Sector <b>{Sr. (viii) Under Clause 5}</b>.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p>

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			<p>Applicant must have completed at least two Project Management Consultancy (PMC) assignments of 110 kV or below voltage class substations and associated lines in last Seven (07) years (from the date of originally scheduled EOI due date) related to) services. Such PMC assignments should broadly include the following:</p> <ul style="list-style-type: none"><li>• Review of the studies already carried out;</li><li>• Preparation of bidding documents for the selection of EPC contractor;</li><li>• Tender Engineering, including Preparation of Technical Specifications,</li><li>• Tender evaluation and recommendation of award of Engineering Procurement and Construction contract;</li><li>• Technical assistance in finalization of BOQ;</li><li>• Review of Civil, Electrical and Mechanical calculations &amp; designs;</li><li>• Inspection of materials at manufacturer's works before dispatch to site;</li><li>• Supervision of civil works, Erection, Testing, Commissioning, and monitoring of implementation of the project;</li><li>• Submission of Project Progress Report</li></ul>
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<p><b>14</b></p>	<p>Additional Clause</p>	<p><b>Does Not exist</b></p>	<p><b>J.</b> Specific Eligibility Criteria to be met by the Applicant interested to be empaneled for System Study, Feasibility Study and DPR Preparation for Power Distribution Projects {<b>Sr. (ix) Under Clause 5</b>}.</p> <p>Apart from General Eligibility Criteria mentioned under Clause 5A, the applicant must meet the requirement as mentioned below;</p> <ul style="list-style-type: none"> <li>• Study and Review of existing Distribution System</li> <li>• Preparation of SLD and Network diagram</li> <li>• Load flow Studies for identification of power distribution network requirement considering the present load conditions and future load growth.</li> <li>• Techno-economic feasibility and financial viability of the year-wise proposed distribution system works.</li> <li>• Grid integration study of existing &amp; forthcoming infrastructure.</li> <li>• Preparation of Plan for Rural/ Urban Electrification</li> <li>• Preparation of BoQ for Required Infrastructure augmentation</li> </ul>
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