

**Amendment-III dated 07.01.2025 to the Request for Proposal Documents for selection of bidder as Transmission Service Provider for “Development of Intra-State Transmission system for evacuation of 1230MW power (MPPMCL portion) through STU network from proposed 2X800MW thermal power project of M/s Mahan Energen Ltd. (MEL)” through tariff based competitive bidding process.**

SI. N	Clause No.	Existing Clause		New/Revised Clause	
1.	Scope of work in RFP & TSA	SI. No.	Scope of the Transmission Scheme	SI. No.	Scope of the Transmission Scheme
		1 (i)	<p>Construction works of 400/220/132 kV Substation at Rewa (Sagra) (2X500 MVA, 400/220kV + 2X200 MVA, 220/132kV ICT along with 1x125 MVAR, 420kV Bus Reactor)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220kV ICT: 2 Nos.</li> <li>• 200 MVA, 220/132kV ICT: 2 Nos.</li> <li>• 125 MVAR 420 kV Switchable Bus Reactor: 1 No.</li> <li>• 400kV ICT Bay-02 Nos.</li> <li>• 400 kV Line Bay: 4 Nos.</li> <li>• 400 kV Bus Reactor Bay: 1 No.</li> <li>• 220 kV Line Bay: 6 Nos.</li> <li>• 132 kV Line Bay: 8 Nos.</li> <li>• 220 kV ICT Bay: 4 Nos.</li> <li>• 132 kV ICT bay: 2 Nos.</li> <li>• <b>400 kV Bus Coupler bay: 1 No. and 400 kV Transfer Bus Coupler bay: 1 No.</b></li> <li>• 220 kV Bus Coupler bay: 2 No. and 200 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 132 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 220 kV Bus Sectionalizer: One set</li> <li>• 132 kV Bus Sectionalizer: One set</li> </ul> <p><b>Future Provisions: Space for</b> .....</p>	1 (i)	<p>Construction works of 400/220/132 kV Substation at Rewa (Sagra) (2X500 MVA, 400/220kV + 2X200 MVA, 220/132kV ICT along with 1x125 MVAR, 420kV Bus Reactor)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220kV ICT: 2 Nos.</li> <li>• 200 MVA, 220/132kV ICT: 2 Nos.</li> <li>• 125 MVAR 420 kV Switchable Bus Reactor: 1 No.</li> <li>• 400kV ICT Bay-02 Nos.</li> <li>• 400 kV Line Bay: 4 Nos.</li> <li>• 400 kV Bus Reactor Bay: 1 No.</li> <li>• 220 kV Line Bay: 6 Nos.</li> <li>• 132 kV Line Bay: 8 Nos.</li> <li>• 220 kV ICT Bay: 4 Nos.</li> <li>• 132 kV ICT bay: 2 Nos.</li> <li>• <b>deleted</b></li> <li>• 220 kV Bus Coupler bay: 2 No. and 200 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 132 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 220 kV Bus Sectionalizer: One set</li> <li>• 132 kV Bus Sectionalizer: One set</li> </ul> <p><b>Future Provisions: Space for</b> .....</p>
		(ii)	.....	(ii)	.....
		(iii)	...	(iii)	...
		(iv)	...	(iv)	...
		(v)	...	(v)	...
		(vi)	...	(vi)	...
		(vii)	...	(vii)	...

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SI. N	Clause No.	Existing Clause		New/Revised Clause	
		(vii)	...	2 (i)	Construction works of 400/220/132 kV Substation at Amarpatan
		2 (i)	<p>Construction works of 400/220/132 kV Substation at Amarpatan (2X500 MVA, 400/220kV + 2X200 MVA, 220/132kV ICT along with 1x125 MVAR, 420kV Bus Reactor)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220kV ICT : 2 Nos.</li> <li>• 200 MVA, 220/132kV ICT: 2 Nos.</li> <li>• 125 MVAR 420 kV Switchable Bus Reactor: 1 No.</li> <li>• 400kV ICT Bay- 2 Nos.</li> <li>• 400 kV Line Bay: 2 Nos.</li> <li>• 400 kV Bus Reactor Bay: 1 No.</li> <li>• 220 kV Line Bay: 4 Nos.</li> <li>• 132 kV Line Bay: 8 Nos.</li> <li>• 220 kV ICT Bay: 4 Nos.</li> <li>• 132 kV ICT bay: 2 Nos.</li> <li>• <b>400 kV Bus Coupler bay: 1 No. and 400 kV Transfer Bus Coupler bay: 1 No.</b></li> <li>• 220 kV Bus Coupler bay: 2 No. and 200 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 132 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 220 kV Bus Sectionalizer: One set</li> <li>• 132 kV Bus Sectionalizer: One set</li> </ul> <p><b>Future Provisions: Space for</b> .....</p>		<p>(2X500 MVA, 400/220kV + 2X200 MVA, 220/132kV ICT along with 1x125 MVAR, 420kV Bus Reactor)</p> <ul style="list-style-type: none"> <li>• 500 MVA, 400/220kV ICT : 2 Nos.</li> <li>• 200 MVA, 220/132kV ICT: 2 Nos.</li> <li>• 125 MVAR 420 kV Switchable Bus Reactor: 1 No.</li> <li>• 400kV ICT Bay- 2 Nos.</li> <li>• 400 kV Line Bay: 2 Nos.</li> <li>• 400 kV Bus Reactor Bay: 1 No.</li> <li>• 220 kV Line Bay: 4 Nos.</li> <li>• 132 kV Line Bay: 8 Nos.</li> <li>• 220 kV ICT Bay: 4 Nos.</li> <li>• 132 kV ICT bay: 2 Nos.</li> <li>• <b>deleted</b></li> <li>• 220 kV Bus Coupler bay: 2 No. and 200 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 132 kV Transfer Bus Coupler bay: 2 No.</li> <li>• 220 kV Bus Sectionalizer: One set</li> <li>• 132 kV Bus Sectionalizer: One set</li> </ul> <p><b>Future Provisions: Space for</b> .....</p>
		(ii)	Rewa (Sagra) 400kV - Amarpatan 400kV DCDS line (Quad Moose)	(ii)	Rewa (Sagra) 400kV - Amarpatan 400kV DCDS line (Quad Moose)
			<ul style="list-style-type: none"> <li>• 400 kV Line Bay: 2 Nos. at Amarpatan Substation for termination of Rewa (Sagra) - Amarpatan 400kV DCDS line (Quad Moose)</li> </ul>	(iii)	.....
		(iii)	.....	(iv)	.....
		(iv)	.....	(v)	.....
				(vi)	.....
				(vii)	.....

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SI. N	Clause No.	Existing Clause		New/Revised Clause
		(v)	...	
		(vi)	...	
		(vii)	...	
2.	SPECIFIC TECHNICAL REQUIREMENTS FOR COMMUNICATION RFP & TSA	<p><b>A. Laying of OPGW on 400kV, 220kV and 132kV lines:</b>                      .....                      With respect to treatment of OPGW fibres for LILO portion of EHV lines, following may be noted by the TSP:</p> <ul style="list-style-type: none"> <li>The LILO portion of the line to be constructed by the TSP shall have to be provided with double number of the fibres that of existing main line.</li> <li>For all TBCB related EHV substations, 3 pairs of fibres shall be allotted for Grid Management purpose and the balance shall be either direct (go through) or remain dark (for which decision shall be taken up by STU/MPPTCL in the future).</li> </ul> <p>.....</p> <p><b>B. Other SCADA and Communication Equipment:</b>                      i. TSP shall provide FODP (96F) and Approach Cable <b>(48/24F)</b> at all the proposed &amp; existing substations under the present scope and repeater station (if any) which shall be connected with OPGW fibers to be installed on the 400 kV, 220 kV and 132 kV transmission lines.                      .....</p>		<p><b>A. Laying of OPGW on 400kV, 220kV and 132kV lines:</b>                      .....                      With respect to treatment of OPGW fibres for LILO portion of EHV lines, following may be noted by the TSP:</p> <ul style="list-style-type: none"> <li>The LILO portion of the line to be constructed by the TSP shall have to be provided with double number of the fibres that of existing main line <b>i.e. 96F for each LILO portion.</b></li> <li>For all TBCB related EHV substations, 3 pairs of fibres shall be allotted for Grid Management purpose and the balance shall be either direct (go through) or remain dark (for which decision shall be taken up by STU/MPPTCL in the future).</li> </ul> <p>.....</p> <p><b>B. Other SCADA and Communication Equipment:</b>                      i. TSP shall provide FODP (96F) and Approach Cable <b>(48F)</b> at all the proposed &amp; existing substations under the present scope and repeater station (if any) which shall be connected with OPGW fibers to be installed on the 400 kV, 220 kV and 132 kV transmission lines.                      .....</p>
3.	Frequently Asked Queries: 3.3 Communication	<p>3.3 How is the OPGW laying done in case of LILO lines?  <b>Reply:</b> In case LILO lines are on same towers (e.g. both Line in and Line Out portion are on same towers, generally done LILO of S/C lines). Then <b>2x24F</b> OPGW shall be required to install by TSP on both earthwire peak on 400 kV &amp; 765 kV lines where two E/W peaks are available. On 220 &amp; 132 kV lines where only one E/W peak is available TSP to install one no. <b>48F</b> OPGW.</p>		<p>3.3 How is the OPGW laying done in case of LILO lines?  <b>Reply:</b> In case LILO lines are on same towers (e.g. both Line in and Line Out portion are on same towers, generally done LILO of S/C lines). Then <b>2x48F</b> OPGW shall be required to install by TSP on both earthwire peak on 400 kV &amp; 765 kV lines where two E/W peaks are available. On 220 &amp; 132 kV lines where only one E/W peak is available TSP to install one no. <b>96F</b> OPGW.</p>

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SI. N	Clause No.	Existing Clause	New/Revised Clause
		<p>Incase LILO lines are on different towers (e.g. both Line In and Line Out portion are on different towers, generally done LILO of D/C lines). Then <b>1x24F</b> OPGW shall be required to install by TSP on one earthwire peak and conventional earthwire on second earthwire peak, on both Line In and Line Out portion towers of 400 kV &amp; 765 kV lines. On 220 &amp;132 kV lines where only one E/W peak is available TSP to install one no. <b>24F</b> OPGW in place of conventional earthwire.</p> <p>3.4 How is the OPGW laying done in case Multi circuit Towers?</p> <p><b>Reply:</b> In case two different lines are using common multi circuit portion for some distance (originating from different stations, may be terminating on same or on different stations). Two no. <b>24F</b> OPGW to be installed on both E/W peaks for common M/C portion of 765 kV &amp; 400 kV lines. Incase 220/132 kV lines using multi circuit portion where single E/W peak is available one no <b>48F</b> may be installed for common multi circuit portion.</p>	<p>Incase LILO lines are on different towers (e.g. both Line In and Line Out portion are on different towers, generally done LILO of D/C lines). Then <b>1x48F</b> OPGW shall be required to install by TSP on one earthwire peak and conventional earthwire on second earthwire peak, on both Line In and Line Out portion towers of 400 kV &amp; 765 kV lines. On 220 &amp;132 kV lines where only one E/W peak is available TSP to install one no. <b>48F</b> OPGW in place of conventional earthwire.</p> <p>3.4 How is the OPGW laying done in case Multi circuit Towers?</p> <p><b>Reply:</b> In case two different lines are using common multi circuit portion for some distance (originating from different stations, may be terminating on same or on different stations). Two no. <b>48F</b> OPGW to be installed on both E/W peaks for common M/C portion of 765 kV &amp; 400 kV lines. Incase 220/132 kV lines using multi circuit portion where single E/W peak is available one no <b>96F</b> may be installed for common multi circuit portion.</p>
4.	Clause 2.1 Qualification Requirements Of RFP	2.1.1 The Bidder should be a company duly incorporated under the relevant laws (Bidding Company) or a Consortium of companies (Bidding Consortium) with one of the companies acting as the Lead Member of the Bidding Consortium. The Bidder shall be selected on meeting the Qualification Requirements specified in Section 2 of this RFP, as demonstrated by the Bidder’s Technical Bid and the lowest Quoted Transmission Charges discovered from Final Offers quoted during the e-reverse bidding. A Bidding Consortium can participate in the bidding process for the Project if any Member of the Consortium has purchased the RFP document for such Project. Bidder who agree and undertake to procure the products associated with the Transmission	2.1.1 The Bidder should be a company duly incorporated under the relevant laws (Bidding Company) or a Consortium of companies (Bidding Consortium) with one of the companies acting as the Lead Member of the Bidding Consortium. The Bidder shall be selected on meeting the Qualification Requirements specified in Section 2 of this RFP, as demonstrated by the Bidder’s Technical Bid and the lowest Quoted Transmission Charges discovered from Final Offers quoted during the e-reverse bidding. A Bidding Consortium can participate in the bidding process for the Project if any Member of the Consortium has purchased the RFP document for such Project. Bidder who agree and undertake to procure the products

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SI. N	Clause No.	Existing Clause	New/Revised Clause
		<p>System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard, shall be eligible hereunder. Further, it is clarified that Procuring Entity as defined in orders shall deemed to have included Selected Bidder and/ or TSP.</p> <p>Besides, Department of Expenditure, Ministry of Finance vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No .2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, as amended from time to time, have issued directions regarding public procurement from a bidder of a country, which shares land border with India are also applicable.</p>	<p>associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 <b><u>as amended vide order No. A1/2021-FSC- Part(5) dated 16.11.2021 and No.: P45021/2/2017-PP (BE-II)-Part-4 Vol.II dated 19.07.2024 issued by Ministry of Power for transmission sector, as may be further amended</u></b> from time to time, read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard, shall be eligible hereunder. Further, it is clarified that Procuring Entity as defined in orders shall deemed to have included Selected Bidder and/ or TSP.</p> <p>Besides, Department of Expenditure, Ministry of <b><u>Finance in suppression of OMs</u></b> issued vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 2) bearing File No. 6/18/2019- PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, <b><u>Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021-PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021-PPD dated 23.02.2023</u></b>, as amended from time to time, have issued directions regarding public procurement from a bidder of a country, which shares land border with India are also applicable.</p>
5.	Para-4 of Annexure-1 Covering Letter Of RFP	We hereby agree and undertake to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard.	We hereby agree and undertake to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 for transmission sector, <b><u>as amended vide order No. A-1/2021-FSC- Part(5) dated 16.11.2021 and No.: P45021/2/2017-PP (BE-II)-Part-4 Vol.II dated 19.07.2024 issued</u></b>

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SI. N	Clause No.	Existing Clause	New/Revised Clause
		<p>We hereby also agree and undertake to comply with Department of Expenditure, Ministry of Finance vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India.</p>	<p><b><u>by Ministry of Power for transmission sector, as may be further amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard.</u></b></p> <p>We hereby also agree and undertake to comply with Department of Expenditure, Ministry of Finance <b><u>revised OM dated 23.02.2023 issued in suppression of</u></b> Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, <b><u>Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021-PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021-PPD dated 23.02.2023</u></b>, as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India.</p>
6.	Article 4 Clause 4.1(i) of TSA	<p>to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. 11/5/2018 - Coord. dated 28.07.2020 for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard (Procuring Entity as defined in above orders shall deemed to have included Selected Bidder and/ or TSP).</p> <p>Also, to comply with Department of Expenditure, Ministry of Finance vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020 and Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD, dated 24.07.2020, as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India;</p>	<p>to procure the products associated with the Transmission System as per provisions of Public Procurement (Preference to Make in India) orders issued by Ministry of Power vide orders No. <b><u>A-1/2021-FSC- Part(5) dated 16.11.2021 and No.: P45021/2/2017-PP (BE-II)-Part-4 Vol.II dated 19.07.2024 issued by Ministry of Power</u></b> for transmission sector, as amended from time to time read with Department for Promotion of Industry and Internal Trade (DPIIT) orders in this regard (Procuring Entity as defined in above orders shall deemed to have included Selected Bidder and/ or TSP).</p> <p>Also, to comply with Department of Expenditure, Ministry of Finance vide Order (Public Procurement No 1) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No 2) bearing File No. 6/18/2019-PPD dated 23.07.2020, Order (Public Procurement No. 3) bearing File No. 6/18/2019-PPD dated</p>

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			<p>24.07.2020, <u>Office Memorandum (OM) No. F.18/37/2020-PPD dated 08.02.2021, OM No. F.12/1/2021- PPD(Pt.) dated 02.03.2021, OM No. F.7/10/2021-PPD dated 08.06.2021 and Order (Public Procurement No 4) bearing File No. F.7/10/2021-PPD dated 23.02.2023</u>, as amended from time to time, regarding public procurement from a bidder of a country, which shares land border with India;</p>