

Amendment-I dated 14.02.2022 to RFP Project Documents for selection of Bidder as Transmission Service Provider to establish Transmission System for “Transmission system for evacuation of power from Neemuch SEZ” through tariff based competitive bidding process.

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1.0	SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION	<p>.....</p> <p>Clause no. B.5 EXTENSION OF EXISTING SUBSTATION</p> <p>The following drawings/details of existing substation is attached with the RFP documents for further engineering by the bidder.</p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Drawing Title</th> <th>Drawing No./Details</th> <th>Rev. No.</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td colspan="3">Extn. of 400kV Chhittorgarh (PG) S/S</td> </tr> <tr> <td>1.0</td> <td>Single Line Diagram</td> <td>C/ENG/TBCB/765kV/CHITTOORGARH/EXT/SLD</td> <td>0</td> </tr> <tr> <td>2.0</td> <td>General Arrangement</td> <td>C/ENG/TBCB/765kV/CHITTOORGARH/EXT/GA</td> <td>0</td> </tr> <tr> <td>3.0</td> <td>Earthmat Layout</td> <td>0712CH CHTR SUBS SWYD E DRG 27 001</td> <td>1</td> </tr> <tr> <td>4.0</td> <td>Visual Monitoring System</td> <td>Make: DELCOM</td> <td>--</td> </tr> <tr> <td>5.0</td> <td>Bus Bar Protection (400kV System)</td> <td>Make : ALSTOM Model: MICOM P 741</td> <td>--</td> </tr> <tr> <td>6.0</td> <td>Substation Automation System (SAS)</td> <td>Make : ALSTOM Model: DS AGILE (V 5.X.X)</td> <td>--</td> </tr> </tbody> </table> <p>Bidder is also advised to visit the substation sites and acquaint themselves with the topography, infrastructure such as requirement of roads, cable trench, drainage etc. and also the design philosophy.</p>	Sl. No.	Drawing Title	Drawing No./Details	Rev. No.	A.	Extn. of 400kV Chhittorgarh (PG) S/S			1.0	Single Line Diagram	C/ENG/TBCB/765kV/CHITTOORGARH/EXT/SLD	0	2.0	General Arrangement	C/ENG/TBCB/765kV/CHITTOORGARH/EXT/GA	0	3.0	Earthmat Layout	0712CH CHTR SUBS SWYD E DRG 27 001	1	4.0	Visual Monitoring System	Make: DELCOM	--	5.0	Bus Bar Protection (400kV System)	Make : ALSTOM Model: MICOM P 741	--	6.0	Substation Automation System (SAS)	Make : ALSTOM Model: DS AGILE (V 5.X.X)	--	<p>.....</p> <p>Clause no. B.5 EXTENSION OF EXISTING SUBSTATION</p> <p>1. <u>The following drawings/details of existing substation is attached with the RFP documents for further engineering by the bidder.</u></p> <table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Drawing Title</th> <th>Drawing No./Details</th> <th>Rev. No.</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td colspan="3">Extn. of 400kV Chhittorgarh (PG) S/S</td> </tr> <tr> <td>1.0</td> <td>Single Line Diagram</td> <td>C/ENG/TBCB/765kV/CHITTOORGARH/EXT/SLD</td> <td>0</td> </tr> <tr> <td>2.0</td> <td>General Arrangement</td> <td>C/ENG/TBCB/765kV/CHITTOORGARH/EXT/GA</td> <td>0</td> </tr> <tr> <td>3.0</td> <td>Earthmat Layout</td> <td>0712CH CHTR SUBS SWYD E DRG 27 001</td> <td>1</td> </tr> <tr> <td>4.0</td> <td>Visual Monitoring System</td> <td>Make: DELCOM</td> <td>--</td> </tr> <tr> <td>5.0</td> <td>Bus Bar Protection (400kV System)</td> <td>Make : ALSTOM Model: MICOM P 741</td> <td>--</td> </tr> <tr> <td>6.0</td> <td>Substation Automation System (SAS)</td> <td>Make : ALSTOM Model: DS AGILE (V 5.X.X)</td> <td>--</td> </tr> </tbody> </table> <p>2. <u>400 KV S/s Mandsaur (Sitamau)</u></p> <p>a. <u>Technical specification of equipment’s used in feeder bays are enclosed at Appendix B</u></p> <p>b. <u>Space will be provided free of cost, however any cost</u></p>	Sl. No.	Drawing Title	Drawing No./Details	Rev. No.	A.	Extn. of 400kV Chhittorgarh (PG) S/S			1.0	Single Line Diagram	C/ENG/TBCB/765kV/CHITTOORGARH/EXT/SLD	0	2.0	General Arrangement	C/ENG/TBCB/765kV/CHITTOORGARH/EXT/GA	0	3.0	Earthmat Layout	0712CH CHTR SUBS SWYD E DRG 27 001	1	4.0	Visual Monitoring System	Make: DELCOM	--	5.0	Bus Bar Protection (400kV System)	Make : ALSTOM Model: MICOM P 741	--	6.0	Substation Automation System (SAS)	Make : ALSTOM Model: DS AGILE (V 5.X.X)	--
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			<p><u>required for modification of existing arrangement shall have to be borne by TSP.</u></p> <p>c. <u>Presently 2X500KVA, 33/4KV station transformation are available and spare capacity in L.T. can be made available for additional 2Nos 400KV feeder bays</u></p> <p>d. <u>Spare feeders are available in ACDB & DCDB panels, additional ACDB & DCDB panels are required.</u></p> <p>e. <u>These are 2Nos 220KV 600Ah battery banks are available. DC supply can be made available.</u></p> <p>f. <u>Bus bar protection is available and upcoming bay can be accommodated in existing bus bar protection scheme.</u></p> <p>g. <u>Fire hydrant system is not used in MPPTCL substation, however additional firefighting equipment as mentioned below shall be required.</u></p> <p style="padding-left: 40px;">i. <u>6Nos fire buckets 9kg with stand.</u></p> <p style="padding-left: 40px;">ii. <u>2Nos CO₂ 22.5kg trolley mounted gas fire extinguisher</u></p> <p style="padding-left: 40px;">iii. <u>2Nos mechanical foam type 50Lts, trolley mounted</u></p> <p style="padding-left: 40px;">iv. <u>1No DCP type 75kg trolley mounted</u></p> <p>h. <u>For construction of additional bays, water& electricity has to be arrange by TSP at their own cost & resources.</u></p> <p>i. <u>The operation & maintenance of the additional bays shall be in the scope of TSP.</u></p> <p>j. <u>Following drawings are enclosed at Appendix B.</u></p> <p style="padding-left: 40px;">i. <u>The single line diagram of substation indicating the proposed feeder bays.</u></p> <p style="padding-left: 40px;">ii. <u>The layout plan of substation indicating the proposed</u></p>

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			<p><u>feeder bays.</u></p> <p>iii. <u>Foundation & cable trench arrangement of substation.</u></p> <p>iv. <u>Earth mat arrangement.</u></p> <p>v. <u>Lighting layout for proposed additional bays.</u></p> <p>k. <u>As of now OFC equipment’s (FOTE) are not available and if necessary same is required to be provided by TSP for additional bays</u></p> <p>Note: Bidder is also advised to visit the substation sites and acquaint themselves with the topography, infrastructure such as requirement of roads, cable trench, drainage etc. and also the design philosophy.</p>
2.0	SPECIFIC TECHNICAL REQUIREMENTS FOR SUBSTATION	New Clause Inserted	<p><u>Clause No. B.6 Information/Details regarding Proposed pooling station land at Neemuch</u></p> <p>1. <u>The land area for construction of Proposed S/s at Neemuch SEZ at Badi village of Neemuch district shall be made available by GoMP-NRE RUMSL. However, the coordinates of the proposed land shall be issued with the survey report.</u></p> <p>2. <u>Selected bidder shall be required to pay 100% of the collector guideline rate for the land allotted to them, for the purpose of the proposed ISTS substation, within 30 days from the signing of Land Use Permission Agreement.</u></p> <p>3. <u>Encumbrance free land shall be given to the selected bidder for the proposed ISTS substation under the Land Use Permission Agreement will be signed between GoMP-NRE and the Selected</u></p>

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			<p><u>Bidder. RUMSL will support the selected bidder for allotment of land on best endeavor basis.</u></p> <p>4. <u>Draft Land Use Permission Agreement is enclosed as Appendix B. It is to clarify that Model Land Use Permission Agreement (LUPA) annexed is prepared with an understanding between the two parties, i.e., solar project developer and GoMP-NRE. However, GoMP-NRE may make appropriate changes amicably in the LUPA with respect to the proposed ISTS substation life or any other similar conditions related to Substation Developer.</u></p> <p>5. <u>It is requested to ensure that outgoing transmission line route and its alignment should not be passing through the solar project land or should not cause any shadow effect on the proposed solar project so proposed transmission line may be planned in consultation with RUMSL.</u></p>