

**Amendment-IV (dated: 27.09.2023) to RFP Documents for “Transmission scheme for evacuation of power from Dhule 2 GW REZ” through tariff based competitive bidding process.**

| Sl. No. | Clause No.  | Existing Clause  | New/Revised Clause   |
|---------|---|--|--|
| 1       | RFP Specific Technical Requirements for Substation Clause No. B.1.2   | <p><b>B.1.2 Switching Scheme</b></p> <p><b>Notes: -</b></p> <p>v) <i>Bus sectionalizer:</i></p> <p>.....</p> <p><i>One (1) set of bus sectionalizer for 220 kV shall comprise 2 nos. of bus sectionalizer bays with associated Circuit Breakers, Isolators and Current Transformers for both buses <b><u>and isolator for Transfer bus.</u></b></i></p>  | <p><b>B.1.2 Switching Scheme</b></p> <p><b>Notes: -</b></p> <p>v) <i>Bus sectionalizer:</i></p> <p>.....</p> <p><i>One (1) set of bus sectionalizer for 220 kV shall comprise 2 nos. of bus sectionalizer bays with associated Circuit Breakers, Isolators and Current Transformers for both buses.</i></p>  |
| 2       | RFP Specific Technical Requirements for Substation Clause No. B.2.3.1 | <p><b>B.2.3 400 kV and 220 kV AIS Substation equipment (as applicable)</b></p> <p><b>B.2.3.1 Circuit Breakers (AIS)</b></p> <p>.....</p> <p>The controlled switching device shall be provided in 400kV Circuit breaker of switchable line reactor and in Main &amp; Tie circuit breakers of line with non-switchable line reactors and Bus reactors.</p> | <p><b>B.2.3 400 kV and 220 kV AIS Substation equipment (as applicable)</b></p> <p><b>B.2.3.1 Circuit Breakers (AIS)</b></p> <p>.....</p> <p>The controlled switching device shall be provided in 400 kV Circuit breaker of switchable line reactor and in Main &amp; Tie circuit breakers of line with non-switchable line reactors and Bus reactors and <b><u>Transformers of 400 kV and above voltage class.</u></b></p> |

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|---------------------------------|---|--|--------------------|---------------|---------------------|----------|---------------------------------|--|--|--|---|---------------------|------------------------------|----|---|---------------------|-----------------------------|----|---|-----------------|-----------------------------|----|---|--------------------------|---------------|----|---|--------------------|---------------------------|----|---|------------------------------------|----------|----|---|--------|---------------|---------------------|----------|---------------------------------|--|--|--|---|---------------------|------------------------------|----|---|---------------------|-----------------------------|----|---|-----------------|-----------------------------|----|---|--------------------------|---------------|----|---|--------------------|---------------------------|----|---|------------------------------------|----------|----|---|--|--|------------------|
| 3                               | RFP Specific Technical Requirements for Substation Clause No. B.5.0 | <p><b>EXTENSION OF EXISTING SUBSTATION</b></p> <p>.....</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 colspan="4"><b>400 kV Dhule (BDTCL) S/S</b></td> </tr> <tr> <td>1</td> <td>Single Line Diagram</td> <td>5429PS060-DHU-E-DYDSL D-0401</td> <td>R6</td> </tr> <tr> <td>2</td> <td>General Arrangement</td> <td>5429PS060-DHU-CSYD-AAR-0001</td> <td>R7</td> </tr> <tr> <td>3</td> <td>Earthmat Layout</td> <td>5429PS060-DHU-C-SYDEAR-0202</td> <td>R3</td> </tr> <tr> <td>4</td> <td>Visual Monitoring System</td> <td>Not Available</td> <td>--</td> </tr> <tr> <td>5</td> <td>Bus Bar Protection</td> <td>Make: Alstom, Model: P741</td> <td>--</td> </tr> <tr> <td>6</td> <td>Substation Automation System (SAS)</td> <td>Make: GE</td> <td>--</td> </tr> </tbody> </table> <p>.....</p> | Sl. No             | Drawing Title | Drawing No./Details | Rev. No. | <b>400 kV Dhule (BDTCL) S/S</b> |  |  |  | 1 | Single Line Diagram | 5429PS060-DHU-E-DYDSL D-0401 | R6 | 2 | General Arrangement | 5429PS060-DHU-CSYD-AAR-0001 | R7 | 3 | Earthmat Layout | 5429PS060-DHU-C-SYDEAR-0202 | R3 | 4 | Visual Monitoring System | Not Available | -- | 5 | Bus Bar Protection | Make: Alstom, Model: P741 | -- | 6 | Substation Automation System (SAS) | Make: GE | -- | <p><b>EXTENSION OF EXISTING SUBSTATION</b></p> <p>.....</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 colspan="4"><b>400 kV Dhule (BDTCL) S/S</b></td> </tr> <tr> <td>1</td> <td>Single Line Diagram</td> <td>5429PS060-DHU-E-DYDSL D-0401</td> <td>R6</td> </tr> <tr> <td>2</td> <td>General Arrangement</td> <td>5429PS060-DHU-CSYD-AAR-0001</td> <td>R7</td> </tr> <tr> <td>3</td> <td>Earthmat Layout</td> <td>5429PS060-DHU-C-SYDEAR-0202</td> <td>R3</td> </tr> <tr> <td>4</td> <td>Visual Monitoring System</td> <td>Not Available</td> <td>--</td> </tr> <tr> <td>5</td> <td>Bus Bar Protection</td> <td>Make: Alstom, Model: P741</td> <td>--</td> </tr> <tr> <td>6</td> <td>Substation Automation System (SAS)</td> <td>Make: GE</td> <td>--</td> </tr> <tr> <td>7</td> <td><b><u>765/400 kV Layout Plan &amp; Section</u></b></td> <td><b><u>5429PS060-DHU-C-SYD-ARR-0001</u></b></td> <td><b><u>R7</u></b></td> </tr> </tbody> </table> | Sl. No | Drawing Title | Drawing No./Details | Rev. No. | <b>400 kV Dhule (BDTCL) S/S</b> |  |  |  | 1 | Single Line Diagram | 5429PS060-DHU-E-DYDSL D-0401 | R6 | 2 | General Arrangement | 5429PS060-DHU-CSYD-AAR-0001 | R7 | 3 | Earthmat Layout | 5429PS060-DHU-C-SYDEAR-0202 | R3 | 4 | Visual Monitoring System | Not Available | -- | 5 | Bus Bar Protection | Make: Alstom, Model: P741 | -- | 6 | Substation Automation System (SAS) | Make: GE | -- | 7 | <b><u>765/400 kV Layout Plan &amp; Section</u></b> | <b><u>5429PS060-DHU-C-SYD-ARR-0001</u></b> | <b><u>R7</u></b> |
| Sl. No                          | Drawing Title   | Drawing No./Details  | Rev. No.           |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| <b>400 kV Dhule (BDTCL) S/S</b> |   |  |                    |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 1                               | Single Line Diagram   | 5429PS060-DHU-E-DYDSL D-0401   | R6                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 2                               | General Arrangement   | 5429PS060-DHU-CSYD-AAR-0001  | R7                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 3                               | Earthmat Layout   | 5429PS060-DHU-C-SYDEAR-0202  | R3                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 4                               | Visual Monitoring System  | Not Available  | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 5                               | Bus Bar Protection  | Make: Alstom, Model: P741  | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 6                               | Substation Automation System (SAS)                                  | Make: GE   | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
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| <b>400 kV Dhule (BDTCL) S/S</b> |   |  |                    |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 1                               | Single Line Diagram   | 5429PS060-DHU-E-DYDSL D-0401   | R6                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 2                               | General Arrangement   | 5429PS060-DHU-CSYD-AAR-0001  | R7                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 3                               | Earthmat Layout   | 5429PS060-DHU-C-SYDEAR-0202  | R3                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 4                               | Visual Monitoring System  | Not Available  | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 5                               | Bus Bar Protection  | Make: Alstom, Model: P741  | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 6                               | Substation Automation System (SAS)                                  | Make: GE   | --                 |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |
| 7                               | <b><u>765/400 kV Layout Plan &amp; Section</u></b>                  | <b><u>5429PS060-DHU-C-SYD-ARR-0001</u></b>   | <b><u>R7</u></b>   |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |        |               |                     |          |                                 |  |  |  |   |                     |                              |    |   |                     |                             |    |   |                 |                             |    |   |                          |               |    |   |                    |                           |    |   |                                    |          |    |   |  |  |                  |

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|---------|------------|-----------------|--------------------|--|---|-----------|
|         |            |                 | 8                  | <u>400 kV Switchyard Panel Arrangement</u>             | <u>5429PS060-DHU-C-SYD-ARR-0031</u>                         | <u>R1</u> |
|         |            |                 | 9                  | <u>Overall System Architecture</u>                     | <u>5429PS060-DHU-E-SYD-GAD-3301/Sheet-1</u>                 | <u>C</u>  |
|         |            |                 | 10                 | <u>Overall System Architecture</u>                     | <u>5429PS060-DHU-E-SYD-GAD-3301/Sheet-2</u>                 | <u>B</u>  |
|         |            |                 | 11                 | <u>Overall System Architecture</u>                     | <u>5429PS060-DHU-E-SYD-GAD-3301/Sheet-3</u>                 | <u>B</u>  |
|         |            |                 | 12                 | <u>GA for 415 V ACDB</u>                               | <u>TBS-CS1118-1-GA-002-D</u>                                | <u>01</u> |
|         |            |                 | 13                 | <u>GA for 220 V DC Distribution Board-1</u>            | <u>TBS-CS1118-4-GA-001-D</u>                                | <u>01</u> |
|         |            |                 | 14                 | <u>OPGW Communication Equipment Network for Dhule</u>  | <u>BDTCL-ALTD-DES-TEL-03</u>                                | <u>01</u> |
|         |            |                 | 15                 | <u>Make and Model of PLCC/DTPC of associated lines</u> | <u>Name of the existing line: MESTCL Dhule-Dhule Line-1</u> | <u>=</u>  |

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|--------------|------------|-----------------|--------------------|---|
|              |            |                 | <u>linked</u>      | <u>&amp; 2</u><br><u>PLCC: Make &amp;</u><br><u>Model: NA</u><br><u>DTPC: Make &amp;</u><br><u>Model: Alstom &amp;</u><br><u>DIP/EN U/C23</u> |
| <p>.....</p> |            |                 |                    |   |