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| **Document / Drawing Title** | 400kV Switchyard Extension : Single Line Diagram |
| **Document / Drawing No.** | SWPL/OTPC/SLD/042 |
| **Revision No.** | 1 |
| **Transmittal no.** | SWPL\_OTPC\_DTL-006 dated 01.10.2018 |
| **Contractor** | Sterling and Wilson Pvt. Ltd., Kolkata |

| **Sl No.** | **OTPC/FI Comments** | **S&W Reply dated 1.10.2018** |
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|  | CB description in BoQ shall be changed to "420kV, 2000A, Single pole, Spring operated SF6 Circuit Breaker without PIR suitable for single and 3ph operation" and quantity to be changed to 12 nos.  Unit of Isolators Quantity shall be in "sets" | Incorporated in revised SLD. |
| 1a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Motor symbol to be shown for Disconnectors and electrical gang operation to be shown between Disconnector and Earth switch | Incorporated in revised SLD. |
| 2a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Polarity of Line CT's connecting to Bus II to be inversed. | Corrected in revised SLD. |
| 3a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Future CVT to be shown between WT and proposed CVT | Incorporated in revised SLD. |
| 4a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Note that Line CT ratios shall be 2000-1000-500/1A for core 1 to 3 and 2000-1000 for core 4 & 5 | Incorporated in revised SLD. |
| 5a. | **FI Reply dated 03.10.2018:**  Note that the above comment is given and applicable only for Line CT. Tie CT (6 nos.) ratio remains same 2000-1000-500/1A for all 6 cores.  Revise the SLD accordingly | **SWPL Reply dated 5 Oct 2018**  Corrected in revised SLD. |
| 5b. | **FI Reply dated 15.10.2018:**  S&W reply is noted. |  |
|  | BoQ Descriptions of CT and CVT are distorted which has to be corrected | Incorporated in revised SLD. |
| 6a. | **FI Reply dated 03.10.2018:**  Revise the description with reference to comment no. 5a. | **SWPL Reply dated 5 Oct 2018**  Corrected in revised SLD. |
| 6b. | **FI Reply dated 15.10.2018:**  S&W reply is noted. |  |
|  | Surge Arrester Symbol in drawing and legends is not identical which has to be corrected  Abbreviation of surge arrester shall be changed to SA instead of LA. | Corrected in revised SLD. |
| 7a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Ratio's of Future CT is not needed. | Incorporated in revised SLD. |
| 8a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | Mentioning 220kv and 66kV in Nomenclature is not needed. | Incorporated in revised SLD. |
| 9a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
|  | WT phase position to be in line with the layout | Incorporated in revised SLD. |
| 10a. | **FI Reply dated 03.10.2018:**  S&W reply is noted. |  |
| 10b. | **FI Reply dated 15.10.2018:**  WT phase position should be at R & B Phase. Revise the SLD accordingly |  |
|  | **Additional Comments dated 15.10.2018** |  |
| 11 | Tie Future CVT has to be shown, Revise the SLD accordingly. |  |