

|                                                                                   |                                                                                                                                                  |                                          |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|  | CLIENT – PATRATU VIDUT UTPADAN NIGAM LTD. (PVUNL)                                                                                                | 9585-001-572-PVM-U-003                   |
|                                                                                   | CONSULTANT- NTPC LTD.                                                                                                                            |                                          |
|                                                                                   | PROJECT: PATRATU SUPER THERMAL POWER PROJECTS EXPANSION<br>PHASE-I (3X800MW) - 400 KV GIS<br>TECHNICAL SPECIFICATION FOR EOT CRANE FOR 400KV GIS | Corrigendum dtd 22.08.19<br><br>Page   1 |

### CORRIGENDUM

With reference to list of Mandatory Spares (Annexure-M) furnished in technical specification 9585-001-572-PVM-U-003 for PVUNL Patratu EOT Crane, the same stands replaced with the list tabulated below.

### ANNEXURE-M

List of Mandatory spares for EOT crane in Gas Insulated Switchyard as per contract:

| Sl. No.    | Description                                                                    | Quantity |
|------------|--------------------------------------------------------------------------------|----------|
| <b>1.0</b> | <b>MECHANICAL ITEM SPARES FOR CRANES IN EACH HALL</b>                          |          |
| <b>I</b>   | Bearing for long travel wheels                                                 | 1 SET    |
| <b>II</b>  | Bearing for cross travel wheels                                                | 1 SET    |
| <b>III</b> | <b>Bearing for boxes</b>                                                       | 1 SET    |
| a)         | Main hoist                                                                     | 1 SET    |
| b)         | C.T.                                                                           | 1 SET    |
| c)         | L.T.                                                                           | 1 SET    |
|            | <i>One set of bearing consist of all the bearing used in one gear box</i>      |          |
| <b>IV</b>  | <b>Brake line with rivets</b>                                                  |          |
| a)         | Main Hoist                                                                     | 1 SET    |
| b)         | E.M. Brake                                                                     | 1 SET    |
| c)         | E.M. Thruster brake                                                            | 1 SET    |
|            | <i>One set of liner consists of 2 Nos. liners used on each brake</i>           |          |
| <b>V</b>   | <b>Oil seal for gear boxes</b>                                                 |          |
| a)         | Main hoist                                                                     | 1 SET    |
| b)         | C.T.                                                                           | 1 SET    |
| c)         | L.T.                                                                           | 1 SET    |
|            | <i>One set of oil seal consists of all the seals used in the one gear box.</i> |          |
| <b>VI</b>  | <b>Brake springs for main hoist</b>                                            |          |
| a)         | E.M. Brake                                                                     | 1 SET    |
| b)         | E.M. Thruster brake                                                            | 1 SET    |
| <b>2.0</b> | <b>ELECTRICAL ITEM SPARES FOR EOT CRANES IN EACH GIS HALL</b>                  |          |
| <b>I</b>   | <b>Carbon bushes and brush holder for motors</b>                               |          |
| a)         | Main hoist                                                                     | 1 SET    |



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TECHNICAL SPECIFICATION FOR EOT CRANE FOR 400KV GIS

9585-001-572-PVM-U-003

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|            |                                     |                                                                         |
|------------|-------------------------------------|-------------------------------------------------------------------------|
| b)         | C.T.                                | 1 SET                                                                   |
| c)         | L.T.                                | 1 SET                                                                   |
| <b>II</b>  | <b>Solenoid Coils for EM brakes</b> |                                                                         |
| a)         | Main hoist                          | 1 SET                                                                   |
| b)         | C.T.                                | 1 SET                                                                   |
| c)         | L.T.                                | 1 SET                                                                   |
| <b>III</b> | <b>Set of fuse links</b>            | <i>One set consists of all the fuse links required for whole crane.</i> |
| <b>IV</b>  | <b>Overload relays for motors</b>   |                                                                         |
| a)         | Main hoist                          | 1 SET                                                                   |
| b)         | C.T.                                | 1 SET                                                                   |
| c)         | L.T.                                | 1 SET                                                                   |
| <b>V</b>   | <b>Limit switches for</b>           |                                                                         |
| a)         | Main hoist                          | 1 SET                                                                   |
| b)         | C.T.                                | 1 SET                                                                   |
| c)         | L.T.                                | 1 SET                                                                   |