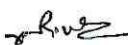
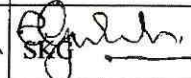


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|                                                                                                                                                                                                                                          |  | <br>BHEL-EPD | <b>ELECTROPORCELAINS DIVISION</b><br><b>BENGALURU – 560012, INDIA</b><br><b>Purchase Specification</b><br><b>Group : Photovoltaic Module</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      | SPEC. NO: PS-901-09-0007                                                                |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------|-----------|-----|----------|-------|-----|------|---------------|-----|-----------|----------|-----|--------------------------------------|-------|-----|-----------------------|----------------------|-----|----------------------|---------------|-----|---------------|---------------------------------------------|
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      | REV. 01                                                                                 | JOB NO.-STD.                                                                             |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      | PAGE 01 OF 01                                                                           |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | <b>RESIN ROLL (85 mm x 100 m)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | <b>1.0 ITEM</b> : Thermal Transfer Ribbons - Resin Roll                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | <b>2.0 APPLICATION</b> : Use for printing of Rating sticker for PV Modules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
| <div>COPY RIGHT AND CONFIDENTIAL</div> <div>The information on this document is the property of Bharat Heavy Electricals Limited. It must not be used directly or indirectly in anyway detrimental to the interest of the company.</div> |  |                                                                                               | <b>3.0 TECHNICAL SPECIFICATIONS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | <table border="1"><thead><tr><th>Sl No.</th><th>Description</th><th>Parameter</th></tr></thead><tbody><tr><td>3.1</td><td>Material</td><td>Resin</td></tr><tr><td>3.2</td><td>Size</td><td>85 mm x 100 m</td></tr><tr><td>3.3</td><td>Thickness</td><td>8 ± 2 µm</td></tr><tr><td>3.4</td><td>Printing Color on Serial no. sticker</td><td>Black</td></tr><tr><td>3.5</td><td>Temperature withstand</td><td>Printing temperature</td></tr><tr><td>3.6</td><td>Suitable for printer</td><td>Postek G-3106</td></tr><tr><td>3.7</td><td>Roll Diameter</td><td>ID 1" (25.4 mm) min.<br/>OD 6" (152 mm) max.</td></tr></tbody></table> |                                      |                                                                                         |                                                                                          | Sl No.                                                                                       | Description | Parameter | 3.1 | Material | Resin | 3.2 | Size | 85 mm x 100 m | 3.3 | Thickness | 8 ± 2 µm | 3.4 | Printing Color on Serial no. sticker | Black | 3.5 | Temperature withstand | Printing temperature | 3.6 | Suitable for printer | Postek G-3106 | 3.7 | Roll Diameter | ID 1" (25.4 mm) min.<br>OD 6" (152 mm) max. |
|                                                                                                                                                                                                                                          |  |                                                                                               | Sl No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Description                          | Parameter                                                                               |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Material                             | Resin                                                                                   |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Size                                 | 85 mm x 100 m                                                                           |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Thickness                            | 8 ± 2 µm                                                                                |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Printing Color on Serial no. sticker | Black                                                                                   |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Temperature withstand                | Printing temperature                                                                    |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Suitable for printer                 | Postek G-3106                                                                           |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 3.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Roll Diameter                        | ID 1" (25.4 mm) min.<br>OD 6" (152 mm) max.                                             |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
| <b>Note:</b> Resin roll should be supplied in roll as per above dimension suitable for printing.                                                                                                                                         |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                         |                                                                                          |                                                                                              |             |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | Revision (01):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Issued By                            | Prepared By                                                                             | Checked By                                                                               | Approved By                                                                                  | Date        |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |
|                                                                                                                                                                                                                                          |  |                                                                                               | 2 <sup>nd</sup> Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SPV Eng.                             | RKP  | AKS  | <br>SEK | 21.02.19    |           |     |          |       |     |      |               |     |           |          |     |                                      |       |     |                       |                      |     |                      |               |     |               |                                             |