IMS (Intelligent Metering System) Project
Annexure-4
Arrangement of CT Operated Metering in Pvt. LV Panel
(Main Incomer Compartment/Section)

20mm conduit from the kWh metering compartment to the cable trench for providing the 3ph. supply for Data Concentrator adjacent to the LV room entrance. (Power Line Carrier Communication Cable)

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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</thead>
<tbody>
<tr>
<td>CT Operated kWh Metering Compartment</td>
<td>Meter Viewing Perspex (Size: 12.5cm x 12.5cm)</td>
<td>Protection Cover with Hinges on Top (Size: 15cm x 15cm)</td>
<td>Sealable Type 3Nos VT Fuse Carriers in Sealable Enclosure for Data Concentrator</td>
<td>Sealable Type 3Nos VT Fuses in Sealable Enclosure for kWh Meter</td>
<td>kWh Meter</td>
<td>Pad locking Arrangement (Hole Size: 10mm dia.)</td>
<td>CT’s Shorting Terminal Block in Sealable Enclosure (RS1&amp;RS2 / YS1&amp;YS2 / BS1&amp;BS2)</td>
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</tbody>
</table>

**Note:**
- Meter Viewing Perspex (Min: 5mm thickness) with Hinged Type Protection Cover.
- CT operated metering & Data concentrator: Provide sealable type VT fuse carriers in sealable enclosure.
- Refer Annexure: 1, for field requirements.