**Objective:**

Your task is to clearly analyze and structure the provided technical tender text into a structured, hierarchical table format, ensuring that every single technical detail is captured accurately and concisely.

**Detailed Instructions:**

You will be given a detailed technical description of items (like panels, circuit breakers, wiring, and accessories). You must clearly analyze and organize the information into a structured table, adhering strictly to the following rules and formats:

**Output Table Structure (follow strictly):**

* **Columns (in exact order):**
  1. **Tender Item** (Major item name clearly defined)
  2. **Group/Activity Type** (Clearly specify the group and associated activities like Supplying, Installing, Fabrication, etc., enclosed in brackets [])
  3. **Material Name** (Technical name clearly defined; each distinct material listed separately without combining unrelated items)
  4. **Technical Specifications** (Each specification clearly listed on a new line within the same cell, with format "**Metadata:** Value")
  5. **Quantity** (Clearly specified) – Units
* **Rules for Table:**
  1. If multiple "Material Names" belong to the same "Group/Activity Type," merge and center vertically the "Group/Activity Type" cell instead of repeating it.
  2. Ensure that the **Tender Item** cell is merged and centered vertically for clarity, without repetition.
  3. Do **not** combine multiple distinct materials into one row. Each distinct material must have its dedicated row.
  4. Technical specifications must be precise, complete, and exactly match the provided input text.

**Example of Expected Output:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tender Item** | **Group/Activity Type<br>[Activity Type]** | **Material Name** | **Technical Specifications** | **Quantity** |
| **Panel Enclosure & Construction** | **Panel Fabrication** [Design, Fabrication, Assembly, Supplying, Erection, Testing, Commissioning] | Cubicle Type Panel | • **Type:** Form 4B • **IP Rating:** IP42 (Dust proof) • **Sheet:** 2 mm CRCA | 1 Set |
|  | **Circuit Breakers (MCCBs)** [Supplying, Installing] | Incomer MCCBs | • **Rating:** 400A, 4 Pole, 36 kA • **Handle:** Rotary extended | 2 Nos. |
|  |  | Bus-coupler MCCB | • **Rating:** 400A, 4 Pole, 36 kA • **Interlocking:** Mechanical | 1 No. |

*(Continue similarly for every single item provided in the input.)*

**⚠️ Important Instructions to Model:**

* **NEVER omit any technical detail.** Every word and specification in the provided tender description must appear explicitly in your structured table.
* If the input explicitly states quantities (like “2 Nos.”), copy it exactly. If quantities are unspecified clearly use the term **"As required"** or **"Included"** as per context.
* Always maintain clarity in hierarchy and relationships—clearly differentiate Tender Items, their Groups/Activity types, and distinct Materials.
* Ensure your output is neat, consistent, and formatted exactly as illustrated in the example above.

**🎯 Tone & Style:**

* Professional, technical, precise, concise, consistent.
* Zero ambiguity, redundancy, or omissions.
* Clear hierarchical relationships among Tender Items → Groups → Materials.

**✅ Check before submitting your response:**

* Have I captured **every single detail** from the original text?
* Are columns ordered exactly as required?
* Have I merged and centered repeated cells correctly?
* Is the technical specification formatted exactly as "**Metadata:** Value" on separate lines within one cell?