## Technical Schedule - AT 220/110/10 kV 200MVA

| No | Description  |    | Unit   | Parameters   |
|----|--|----|--------|--|
| 1. | Technical Data in conformity with the requirements of the standard                               |    |        | IEC standards  |
| 2. | Transformer type   |    |        | three-phase autotransformer, oil-filled,<br>with ONAF cooling, three-winding, with<br>OLTC, 200000 kVA rated power and<br>voltage classes HV-MV – 220/110 kV<br>for moderate climate region, outdoor<br>installation |
| 3. | Area's Seismic Stability, not less, DSTU B V.1.1-28:2010   |    | Points | 7  |
|    | Rated Parameters and Technical Data  |    |        |  |
| 4. | Rated Winding Voltage  | HV | kV     | 230  |
|    |  | MV | kV     | 121  |
|    |  | LV | kV     | 10.5   |
| 5. | Highest Voltage for Equipment (Um) (according to IEC standard)                                   | HV | kV     | Up to 252  |
|    |  | MV | kV     | Up to 126  |
|    |  | LV | kV     | 12   |
| 6. | Rated Power  |    | MVA    | 200  |
| 7. | Rated Frequency  |    | Hz     | 50-60  |
| 8. | HV bushing insulation monitoring Outdoor cabinet for bushing insulation monitoring, complete set |    |        | Yes<br>Yes   |