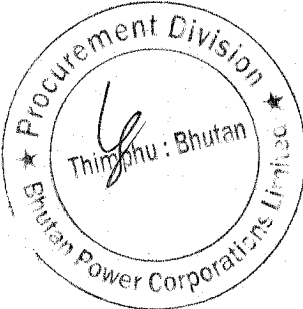
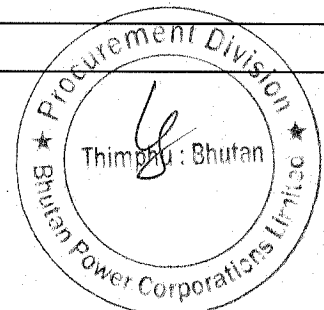


GTP TO BE FILLED UP BY BIDDER



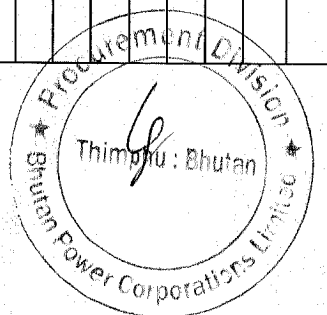
LOT 1: XLPE Cable

| SL# | Parameters | Units | Bidders to fill up |
|-----|---|---------|---------------------------------------|
| | | | Arm, Al. cable, XLPE Insulated, 11 kV |
| | | | 1C x 630 sq.mm |
| 1 | Manufacturer | | |
| 2 | Applicable Standards | | |
| 3 | Rated voltage | kV | |
| 4 | System Voltage | kV | |
| 5 | Maximum current carrying capacity | A | |
| | Buried direct in the ground (Trefoil) | | |
| | In duct (Trefoil) | | |
| | In Air (Trefoil) | | |
| 6 | Short circuit capacity of conductor | kA | |
| | Conductor | | |
| 7 | Material | | |
| | Crosssectional Area | | |
| | Whether Stranded? | | |
| | Insulation | | |
| 8 | Material | | |
| | Thickness | mm | |
| | Inner Sheath | | |
| 9 | Material | | |
| | Whether Extruded or Wrapped? | | |
| | Thickness | mm | |
| | Outer sheath | | |
| 10 | Material | | |
| | Thickness | mm | |
| | Armour | | |
| 11 | Material | | |
| | Thickness | mm | |
| 12 | Details of screen, if any | | |
| 13 | Total overall diameter | mm | |
| | Test Voltage | | |
| 14 | Five minute power frequency withstand voltage | kV/5min | |
| 15 | Type of cable end sealing | | |
| | Cable drums | | |
| 16 | Dimensions | mm | |
| | Weight | kg | |
| | Nominal length per drum | mtr | |



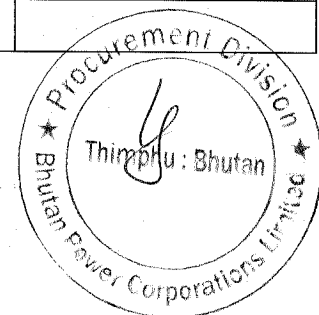
Lot 2: Polymer Insulators

| SL# | Parameters | Unit | Bidders to fill up | |
|-----|--|-------------|--------------------|---------------|
| | | | Item#1 | Item#2 |
| 1 | Name of the manufacturer | | | |
| 2 | Standard applicable to manufactured and tested | | | |
| 3 | Size and Designation of Ball & Socket assembly | mm | 220 KV, 120 kN | 132 KV, 90 kN |
| 4 | Core diameter | mm | | |
| 5 | Tolerance on Core Diameter | ±mm | | |
| 6 | Nominal length (Section Length) | mm | | |
| 7 | Tolerance on Nominal Length | ±mm | | |
| 8 | Dry Arcing distance | mm | | |
| 9 | Shed Profile | | | |
| 10 | Shed Profile (Regular alternating) | | | |
| 11 | Shed Diameter-Big/Small | mm | | |
| 12 | Tolerance on Shed Diameter | mm | | |
| 13 | Minimum Creepage distance | mm | | |
| 14 | Tolerance on Creepage distance | mm | | |
| 15 | Guaranteed mechanical strength | kN | | |
| 16 | Routine mechanical load | kN | | |
| 17 | System nominal Voltage | kV | | |
| 18 | Highest System Voltage | kV | | |
| 19 | System frequency | Hz | | |
| 20 | Material | | | |
| | a) FRP Rod | | | |
| | b) Sheds with % contents of silicone | | | |
| | c) Housing | | | |
| | d) End Fittings- Ball | | | |
| | e) End Fittings- Socket | | | |
| | f) Grading Rings | | | |
| 21 | Minimum thickness of sheath covering over the core | mm | | |
| 22 | Power Frequency withstand voltage (Wet/ Dry) | kV (rms) | | |
| 23 | Impulse Withstand Voltage (Dry) | | | |
| | Positive | kV (Peak) | | |
| | Negative | kV (Peak) | | |
| 24 | Galvanising-Minimum mass of zinc coating | gms/sq. mt. | | |
| 25 | Packing | | | |



Lot 3: CTPT Combined Unit

| Sl. No. | Description | UoM | Bidders to filled up | |
|---------|--|--------------|------------------------|-----------------------|
| | | | Item#1 | Item#2 |
| | | | 200-100/1A, 33 kV/110V | 100-50/1A, 33 kV/110V |
| 1 | Manufacturer's type, designation & make | | | |
| 2 | System Voltage. | kV | | |
| 3 | Highest System voltage. | kV | | |
| 4 | Frequency | Hz | | |
| 5 | Thickness of the M.S. sheet. | mm | | |
| | Top - | | | |
| | Side - | | | |
| 6 | Base Channel. | mm x mm | | |
| 7 | Painting.(Paint Colour As per IS - 5) | | | |
| 8 | Lifting Arrangement. (No of Hooks -) | Y/N | | |
| 9 | Cable entry hole diameter for secondary box | mm | | |
| 10 | Creepage Distance | mm | | |
| 11 | Provision of Pressure relief device/explosion vent on CT/PT unit | Y/N | | |
| 12 | Temperature rise above ambient | °C | | |
| 13 | Maximum Dimensions of CT/PT unit | mm x mm x mm | | |
| 14 | Maximum transportation dimensions | mm x mm x mm | | |
| 15 | Maximum weight of CT/PT unit | kgs | | |
| 16 | Window for Meter Box. | Y/N | Dimension - | Dimension - |
| 17 | Oil as per specification | IS 355 | | |
| 18 | Terminal Connector suitable for conductor size | Mm | | |
| 19 | Terminal connector Bimetallic | Y/N | | |
| 20 | Bushing Stud Diameter and material | | | |
| | CT SPECIFICATIONS | | | |
| 1 | System Voltage | kV | | |
| 2 | Highest System voltage. | kV | | |
| 3 | CT Ratio | | | |
| 4 | Burden | | | |
| 5 | Accuracy Class | | | |
| 6 | One minute power frequency dry withstand voltage on primary side | kV (rms) | | |
| 7 | 1.2/50µs impulse withstand Voltage | kV (peak) | | |
| 8 | One minute power frequency dry withstand voltage on secondary side | kV (rms) | | |
| 9 | Primary Winding | | | |
| a) | No of Primary turns | | | |
| b) | Primary amp turns | | | |
| c) | Current density | | | |
| d) | Area of cross-section | | | |
| 10 | Secondary Winding | | | |
| a) | No of Primary turns | | | |
| b) | Primary amp turns | | | |
| c) | Current density | | | |
| d) | Area of cross-section | | | |
| | PT SPECIFICATIONS | | | |
| 1 | System Voltage | kV | | |
| 2 | Highest System voltage. | kV | | |
| 3 | Voltage Ratio | | | |
| 4 | Burden | | | |
| 5 | Accuracy Class | | | |
| 6 | One minute power frequency dry withstand voltage on primary side | kV (rms) | | |
| 7 | 1.2/50µs impulse withstand Voltage | kV (peak) | | |
| 8 | One minute power frequency dry withstand voltage on secondary side | kV (rms) | | |



Lot 3: CTPT Combined Unit

| Sl. No. | Description | UoM | Bidders to filled up | | |
|---------|--|--------------|-----------------------|----------------------|---------------------|
| | | | Item #3 | Item #4 | Item# 5 |
| | | | 100-50/1A, 11 kV/110V | 75-50/1A, 11kV/110 V | 75-25/1A, 11kV/110V |
| 1 | Manufacturer's type, designation & make | | | | |
| 2 | System Voltage. | kV | | | |
| 3 | Highest System voltage. | kV | | | |
| 4 | Frequency | Hz | | | |
| 5 | Thickness of the M.S. sheet. | mm | | | |
| | Top - | | | | |
| | Side - | | | | |
| 6 | Base Channel. | mm x mm | | | |
| 7 | Painting. (Paint Colour As per IS - 5) | | | | |
| 8 | Lifting Arrangement. (No of Hooks -) | Y/N | | | |
| 9 | Cable entry hole diameter for secondary box | mm | | | |
| 10 | Creepage Distance | mm | | | |
| 11 | Provision of Pressure relief device/explosion vent on CT/PT unit | Y/N | | | |
| 12 | Temperature rise above ambient | °C | | | |
| 13 | Maximum Dimensions of CT/PT unit | mm x mm x mm | | | |
| 14 | Maximum transportation dimensions | mm x mm x mm | | | |
| 15 | Maximum weight of CT/PT unit | kgs | | | |
| 16 | Window for Meter Box. | Y/N | Dimension - | Dimension - | Dimension - |
| 17 | Oil as per specification | IS 355 | | | |
| 18 | Terminal Connector suitable for conductor size | Mm | | | |
| 19 | Terminal connector Bimetallic | Y/N | | | |
| 20 | Bushing Stud Diameter and material | | | | |
| | CT SPECIFICATIONS | | | | |
| 1 | System Voltage | kV | | | |
| 2 | Highest System voltage. | kV | | | |
| 3 | CT Ratio | | | | |
| 4 | Burden | | | | |
| 5 | Accuracy Class | | | | |
| 6 | One minute power frequency dry withstand voltage on primary side | kV (rms) | | | |
| 7 | 1.2/50µs impulse withstand Voltage | kV (peak) | | | |
| 8 | One minute power frequency dry withstand voltage on secondary side | kV (rms) | | | |
| 9 | Primary Winding | | | | |
| a) | No of Primary turns | | | | |
| b) | Primary amp turns | | | | |
| c) | Current density | | | | |
| d) | Area of cross-section | | | | |
| 10 | Secondary Winding | | | | |
| a) | No of Primary turns | | | | |
| b) | Primary amp turns | | | | |
| c) | Current density | | | | |
| d) | Area of cross-section | | | | |
| | PT SPECIFICATIONS | | | | |
| 1 | System Voltage | kV | | | |
| 2 | Highest System voltage. | kV | | | |
| 3 | Voltage Ratio | | | | |
| 4 | Burden | | | | |
| 5 | Accuracy Class | | | | |
| 6 | One minute power frequency dry withstand voltage on primary side | kV (rms) | | | |
| 7 | 1.2/50µs impulse withstand Voltage | kV (peak) | | | |
| 8 | One minute power frequency dry withstand voltage on secondary side | kV (rms) | | | |

