**Annexure-A**

**Technical specification for LT cable**

1. **4 Core LT cable:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sno | Parameter | ITER India Specification | Bidders Compliance |
| 1 | Core | 4 |  |
| 2 | Conductor material | copper |  |
| 3 | Conductor cross section | 6 sqmm |  |
| 4 | Voltage grade | 1100V |  |
| 5 | Type | Unarmoured Flexible stranded with ISI mark |  |
| 6 | No of Strands | Min 84 |  |
| 7 | Insulation | PVC |  |
| 8 | Colour coding | color coding of RYB and N as per IS standard |  |
| 9 | Working voltage | 415V AC |  |
| 10 | Frequency | 50Hz |  |
| 11 | Quantity | 300mtr |  |
| 12 | Make | Bidder to Specify |  |

1. **3 Core LT cable:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sno | Parameter | ITER India Specification | Bidders Compliance |
| 1 | Core | 3 |  |
| 2 | Conductor material | copper |  |
| 3 | Conductor cross section | 2.5 sqmm |  |
| 4 | Voltage grade | 1100V |  |
| 5 | Type | Unarmoured Flexible stranded with ISI mark |  |
| 6 | No of strands | Min 50 |  |
| 7 | Insulation | PVC |  |
| 8 | Colour coding | color coding of RYB as per IS standard |  |
| 9 | Working voltage | 415V AC |  |
| 10 | Frequency | 50Hz |  |
| 11 | Quantity | 300mtr |  |
| 12 | Make | Bidder to Specify |  |

1. **1 Core LT cable:**

|  |  |  |  |
| --- | --- | --- | --- |
| Sno | Parameter | ITER India Specification | Bidders Compliance |
| 1 | Core | 1 |  |
| 2 | Conductor material | copper |  |
| 3 | Conductor cross section | 50 sqmm |  |
| 4 | Voltage grade | 1100V |  |
| 5 | Type | Unarmoured Flexible stranded with ISI mark |  |
| 6 | No of strands | Min 396 |  |
| 7 | Insulation | PVC |  |
| 8 | Colour coding | Green with yellow strip for grounding/earthing as per IS standard |  |
| 9 | Working voltage | 415V AC |  |
| 10 | Frequency | 50Hz |  |
| 11 | Quantity | 300mtr |  |
| 12 | Make | Bidder to Specify |  |

**Note:**

1. Supplier shall provide the test certificate at the time of delivery.
2. Supplier shall submit authorized dealer/OEM certificates at the time of quotation.

|  |  |  |
| --- | --- | --- |
| Bidder Signature |  | |
| Name of the signatory & Title | Name | Title |
| Bidder’s Official seal |  | |
| Place & Date | Place | DD-MM-YYYY |