

MATERIALS AND QUANTITIES DESCRIPTION TABLE

ALUMINUM CONNECTORS FOR 400 KV SWITCHING STATIONS

Item	Description	Quantity pcs
1.	T shaped double aluminum clamp for connecting conductor with conductor, in accordance with drawing No. 30591/5 (type 5)	40
2.	T shaped double aluminum clamp for connecting conductor with conductor, in accordance with drawing No. 30591/5 (type 6)	40
3.	Aluminum clamp for connecting double conductor with flat plate in accordance with drawing N° 30591/5 (type 7a)	50
4.	Aluminum clamp for connecting double conductor with fiat plate in accordance with drawing N° 30591/5 (type 7b)	100
5.	Aluminum clamp for supporting double conductor, on post insulator in accordance with drawing N° 30591/5 (type 13)	50
6.	Double separator (distance 200mm) in accordance with drawing 30591/5 (type 15)	400
7.	Straight aluminum clamp for connecting Al st 550/70mm ² conductor Φ 32,4 in accordance with drawing No. 30591/5 (type 17)	80

Notes

- The described materials must be in accordance with the attached drawings.
 - Bidders must offer with details every item listed in the inquiry.
 - Detailed drawing must be submitted along with the offer for every offered item.
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- 400 KV clamp connectors must be designed to the maximum strength of the conductor Which are to be used with and also to ensure that the joint remains cooler than the conductor. Under fair weather conditions, the voltage gradient at the connector surface shall be at a level at which corona and resulting radio interference (RIV) will not be produced. Connectors will be made of aluminum alloy free from copper, zinc, nickel and iron so as to be immune to season cracking and to be suitable to be used with stainless steel hardware.
 - All offers must unquestionably be accompanied by formal test certificates, drawings, pamphlets complete technical descriptions of the offered equipment.
 - IPTO maintains the right to decide as to whether to accept an offer for all items or only for some specific items.