



REFERENCE LETTER

Which is confirming that, on December 03rd and December 10th 2016, the Company ESTRALIN PS LLC, has fully delivered all the equipment to the Company ABB S.A., Peru, as per the Purchase Order 0701610265-1, signed on September 09th 2016:


- 235.00m of cable type 2XS(FL)2Y 1x800RM/255 87/150 kV (Estralin HVC)
- 3550.00m of cable type 2XS(FL)2Y 1x630RM/255 87/150 kV (Estralin HVC)
- 18 pcs. of GIS Terminations Type EHSVS 170 size A (Suedkabel)
- 18 pcs. of Outdoor Terminations Type MKB 252 (creepage distance 7636 mm) (Arkasil SK)
- 18 pcs. of link boxes, type KZE-O-1x400, (RKS-Plast)
- 252 pcs. of plastic clamps for single cable with elastic inlay, series BKK-85/105 (RKS-Plast)
- 90 pcs. of tapes for cable fixation in trefoil (Suedkabel)
- 1 set of termination kit (Estralin PS)

furthermore, all services as per the Purchase Order 0701610262-1, signed on August 25th 2016 were realized:

- Installation works
- 10 kV testing of cable outer sheath after cable laying

All above mentioned equipment was delivered complete as per order specification and is installed in the given time frame in Substation Electrica «Transferencia», Toquepala mine, Peru Republic

Lima, April 5, 2019



Geoffrey Zamora Sánchez
Operation Manager
Power Grids Grid Integration
ABB S.A.

ABB S.A.