

Date: 07/6/2013

## REQUEST FOR QUOTE

Nº PRO-12-0440-1

**Manufacturer:** EMEK ELEKTRIK ENDUSTRISI A.S.  
**Contact:** UFUK AKKAYA  
**Client:** CAME CONTRATISTAS Y SERV.GENERALES S.A.  
**Project:** LINEA DE TRANSMISION 66 kV ARCATA - CRESPO Y SUBESTACIONES  
**Our Reference:** 0254-ETT-1

| Item | Quantity | Product description  |
|------|----------|--|
| 1    | 9        | <b>Capacitive voltage transformer-72.5kV</b>               |
|      |          | Rated Voltage 60 kV  |
|      |          | Ratio 66/V3//0.10/V3-0.10/V3                               |
|      |          | Burden 30VA-30 VA  |
|      |          | Class 3P-0.2   |
|      |          | BIL 550 kVp  |
|      |          | Power Frequency 230 kV                                     |
|      |          | Withstand  |
|      |          | Creepage Distance 25 mm/kV                                 |
|      |          | Frequency 60 Hz  |
|      |          | Installation Type Outdoors                                 |
| 2    | 6        | <b>Current transformer-60kV</b>                            |
|      |          | Rated voltage 60 kV  |
|      |          | Ratio 50-100-200/1-1-1 A                                   |
|      |          | Burden 20VA-20VA-20 VA                                     |
|      |          | Accuracy 0.2-5P-5P   |
|      |          | Ith 25 kA  |
|      |          | BIL 550 kVp  |
|      |          | Power Frequency 230 kV                                     |
|      |          | Withstand  |
|      |          | Creepage Distance 25 mm/kV                                 |
|      |          | Frequency 60 Hz  |
|      |          | Installation Type Outdoors                                 |
| 3    | 2        | <b>Disconnecter without earthing blade-72.5kV</b>          |
|      |          | Rated Voltage 60 kV  |
|      |          | Rated Current 1600 A                                       |
|      |          | Ith 25 kA  |
|      |          | Rated Duration of Short Circuit 3 s                        |
|      |          | Phases 3   |
|      |          | Operation Type Central                                     |
|      |          | BIL 550 kVp  |
|      |          | Power Frequency 230 kV                                     |
|      |          | Withstand  |
|      |          | Creepage Distance 25 mm/Kv                                 |
|      |          | Frequency 60 Hz  |
|      |          | Main Switch Auxiliary Contact 10NA-10NC                    |
|      |          | Auxiliary Voltage 125 VDC                                  |
|      |          | Type of Main Operation Manual & Eléctrico (Local y remoto) |

|   |   |  |                                     |
|---|---|--|-------------------------------------|
|   |   | Installation Type                              | Outdoors                            |
| 4 | 3 | <b>Disconnecter with earthing blade-72.5kV</b> |                                     |
|   |   | Rated Voltage                                  | 60 kV                               |
|   |   | Rated Current                                  | 1600 A                              |
|   |   | Ith  | 25 kA                               |
|   |   | Rated Duration of Short Circuit                | 3 s                                 |
|   |   | Phases   | 3                                   |
|   |   | Operation Type                                 | Central                             |
|   |   | Earthing Blade                                 | Si                                  |
|   |   | BIL  | 550 kVp                             |
|   |   | Power Frequency Withstand                      | 230 kV                              |
|   |   | Creepage Distance                              | 25 mm/Kv                            |
|   |   | Frequency                                      | 60 Hz                               |
|   |   | Main Switch Auxiliary Contact                  | 10NA-10NC                           |
|   |   | Earth Switch Auxiliary Contact                 | Acc. to manufacturer                |
|   |   | Auxiliary Voltage                              | 125 VDC                             |
|   |   | Type of Main Operation                         | Manual & Eléctrico (local y remoto) |
|   |   | Type of Earth Switch Operation                 | Manual & Eléctrico (local y remoto) |
|   |   | Installation Type                              | Outdoors                            |