



## POWER SUB STATION – ISINYA, KAJIADO, KENYA



### PROJECT BACKGROUND

KENTRACO (Kenya Electricity Transmission Co. Limited) is widely expanding their sub stations throughout Kenya. Isinya substation located in Kajiado is one of many currently under construction. Site received 4 x 130 mt transformers & 2 x 70 mt shunt reactors.



## TRANSEAST SCOPE OF WORK

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- Plan all aspects of transport & mode of offloading.
- Establish appropriate trailer combination for loads in line with KENHA (Kenya National Highways Authority) legal requirements. Stability calculations to support trailer combination.
- Assess all viable routes / site surveys. Where applicable turning radiuses and bridge calculations.
- Carry out risk analysis and document.
- Ensure daily tool box talks are carried out and documented.
- Receive all transformer from heavy lift vessel via direct discharge.
- Apply abnormal permits with KENHA.
- Ensure site civil road works and lay down area is ready to receive units prior to transport.
- Transport & stage transformers for short term storage awaiting transport.
- Transformers / Shunt Reactors to be transported to site in convoy of 2 units.
- Transformers & Shunt Reactors to be transported & jacked and skidded into final storage position on plinth.
- Daily reports to be sent to client on an agreed schedule.

## CARGO DETAILS

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Mass: 4 x 130 mt Transformers

2 x 70 mt Shunt reactors

## EQUIPMENT

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1 X 600 HP Mercedes Titan 6 x 6

1 x 360 HP MAN 8 x 8

Goldhofer hydraulic modular trailers

Scheuerle hydraulic modular trailers

Nooteboom hydraulic trailers

Enerpac Hydraulic equipment

## ROUTING

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Kenya – Kilindini port , onto Mombasa / Nairobi highway, Athi River, Kitengela to Isinya.

