

## **Scope of work for procurement of transformer cores and shunts**

### **Transformer cores and shunts**

The supplier shall be responsible for the design, manufacture and delivery of power transformer cores for transformers of ratings between 2 MVA and 80 MVA.

The cores shall conform exactly to the form and dimensions of the original.

The cores shall preferably be delivered fully stacked and assembled, complete with all clamping hardware and systems.

Where available the original core clamping plates and systems may be utilised. Where this is not possible the supply shall include all required clamping hardware, based on the original design.

The supplier shall be responsible for the taking of all dimensions required for the manufacture of the replacement cores. The original cores shall be made available for this purpose at the ERI workshops, or transported to the supplier's premises, as preferred.

### **Core steel**

The core steel utilised shall match or exceed the quality, dimensions and form of that of the original core unless otherwise agreed. (typically MOH 0.3)

### **Loose core steel laminations**

Where partial stacks of cut core steel laminations are required, these shall be delivered suitably secured on palettes for ease of handling.

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