

Scope of work

Dragging and placing on Plinth

The scope of work shall include dragging of the main tank (empty) of 315KVA ICT transformer from the present position to the plinth approx. 400 meters away. The transformer is required to be dragged on rails and the fire water pipe, fencing and other temporary structure en-route shall be required to be dismantled and re-erected by the bidder. The diameter of the fire water pipe line is approx. 150-200mm and the length is approx. 60 meters. The dragging shall be done on rails with proper deployment of safety features required at site. Though bitumen road is available on majority of the route length, the bidder shall compact and strengthen the land where ever required. The drain crossings shall be required to be covered with sleepers to ensure smooth movement of transformer. The total weight of the transformer tank shall be 138 MT. The overall dimension of the transformer shall be as per the OGA drawings enclosed with the tender document.

Optional Work

Erection, Testing & Commissioning of the ICT

The bidders shall also submit the quote for complete erection, testing and commissioning of the 315MVA, 400kV ICT. The work shall include erection of transformer, bushings, radiators and its accessories complete in all respect on the plinth. Grouting of the foundation bolts of the transformer along with minor civil works pertaining to the same shall be in scope of bidder. The bidder shall also be required to do nitrogen purging of the transformer and subsequently oil filtration, filling and circulation in separate tank and subsequent filling in main tank. The bidder shall be required to execute complete testing of oil and the transformer as desired by customer/ BHEL. All testing equipments for the testing and commissioning of the transformer shall be arranged by the bidder.