

## **BRIEF SCOPE OF WORK**

### **Augmentation of Dry Fly ash Transportation System**

Dry Ash transportation system shall consist of the followings:

#### **A) Dry Fly Ash Transportation system**

Dry fly ash from existing buffer hoppers of stage - II shall be transported to the two (2) main fly ash storage silos (1500 MT each) located on the abandoned rail lines near plant boundary. These abandoned rail lines shall be made operational by NTPC.

A branching point shall be taken near Conveyor 39 from each transportation line (2W+2S) and shall be connected to the main fly ash silos with railway loading facility. The approximate distance from the tapping point upto the farthest silo is 250m. The user industries shall take the dry fly ash from the main fly ash storage silos either in closed tankers or in open tankers or in Rail Wagons.

Existing Transport Air Compressors along with driers shall be used for transportation of dry fly ash from the branching point to the main fly ash storage silos. Bidder is required to establish that the existing transport air compressor capacity is sufficient to transport the ash from the branching point upto the main fly ash silos.

The dry fly ash transportation pipes and other pipes shall be routed on structural steel pipe rack up to silos.

**The proposed scope of work includes the design, engineering, supply, erection and commissioning of "A dry fly ash transportation and storage system including two (2) nos. dry fly ash storage silos, rail wagon loading & road loading facilities.**

Modification of any existing facilities in Stage – II is also included in the scope of work.

#### **B) All associated Electrical, C&I and Civil, Structural & Architectural works are included.**