

BRIEF SCOPE OF WORK

AUGMENTATION OF DRY FLY ASH TRANSPORTATION SYSTEM PACKAGE

BARAUNI (2 x 250MW)

A) Dry Fly Ash Transportation system

Dry fly ash from the existing buffer hoppers of Stage-II shall be conveyed to two (2) new intermediate fly ash silos (130 MT capacity each) to be installed near the existing silos.

From these intermediate silos, the ash shall be further transported to three (3) new main fly ash storage silos (1300 MT capacity each) to be constructed at the dedicated railway siding for direct loading into BOXN, BOXNHL, BTAP, or similar railway wagons.

A suitable tapping shall be provided from the existing fly ash conveying line. The bidder shall demonstrate adequacy of the existing transport air compressor capacity to convey ash from the branching point up to the intermediate silos.

For conveying fly ash from the intermediate silos to the main storage silos (approximate distance of 900 m), dedicated transport air compressors along with an air dryer shall be provided. Dry fly ash conveying pipelines and associated piping shall be routed on structural steel pipe racks up to the silos.

User industries shall collect dry fly ash from the main storage silos through closed tankers, open tankers, or railway wagons.

The scope of work includes design, engineering, supply, erection, and commissioning of a dry fly ash transportation and storage system comprising three (3) dry fly ash storage silos with rail wagon and road loading facilities.

Modification of existing facilities under Stage-II, as required, is also included in the scope of work

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