

Headframe Erection C003-I

This work package is for the installation of the PHOX shaft headframe.

The headframe consists of 4 x 40m x 2.4m dia splayed legs, 1 x 10m x 10m (approx.) sheave deck, headframe crane and steel, and associated components.

Expressions of interest are sought from contractors experienced in the erection of headframes or similar structures where the support structures are not free-standing until the (in this case) sheave deck is installed on top.

The works generally includes the following high-level activities:

- Unloading and temporary storage of headframe steelwork on site at Prominent Hill
- Pre-assembly of headframe components on ground, primarily the sheave deck, crane support structure/OHT crane and temporary work platforms/ladders onto headframe legs
- Supply, installation, commissioning of 8 off leg support winches (for restraining main headframe legs during erection)
- Lifting, positioning and restraining of 4 off main headframe legs
- Lifting of pre-assembled sheave deck onto the four legs
- Field welding of sheave deck assembly onto tops of 4 x headframe legs, including ongoing NDT and QA checks
- Lifting of crane structure (including OHT crane which is locked onto structure)
- Installation of external permanent access ladders on headframe leg and other components
- Management and supervision of heavy cranae (900t) contractor