



SOW for K4 34 Degree Raise Bore Shaft Equipping

Dear Tenderers,

1. This Scope of Work calls for the following:

- 1.1 Rehabilitation of the rope raise, WM&L with a 25mm layer of Minecrete;
- 1.2 Installation of the ships ladder in the rope raise;
- 1.3 Any cement work, blinding, form work in the raise bore shaft, from the upper service way up to 46.5 level shaft bottom;
- 1.4 Installation of all steel work and sheave wheel in sheave chamber;
- 1.5 Installation of all steelwork in the upper service including the crash barrier, reef and waste tip ramps;
- 1.6 Installation of all steel work on 45 level station including drop set and associated equipment;
- 1.7 Blasting of the condola pit on 45 level station;
- 1.8 The civil construction of the 45 level station condola pit;
- 1.9 Civil construction of the 45 level shaft brow;
- 1.10 Installation of the 45 level station crawl beam;
- 1.11 Civil and 45 level station construction;
- 1.12 Installation of the shaft steel work from 45 level up to 46.5 level shaft bottom;
- 1.13 Secondary support that will include WM&L with a 50mm Layer of Minecrete;
- 1.14 Blasting off 46 level Station landing / brow;

- 1.15 Installation of all steel work on 46 level station including drop set and associated equipment;
- 1.16 Blasting of the condola pit on 46 level station;
- 1.17 The civil construction of the 46 level station condola pit;
- 1.18 Civil construction of the 46 level shaft brow;
- 1.19 Installation of the 46 level station crawl beam;
- 1.20 Civil and 46 level station construction;
- 1.21 Civil construction of the 46 level shaft reef and waste bulkheads;
- 1.22 Installation of the reef and waste box fronts with controls;
- 1.23 Installation of the reef and waste box front platform steel work;
- 1.24 Civil and construction of the shaft bottom crash arrangement;
- 1.25 All loading of material on surface;
- 1.26 Transporting off material from 45 level station to site;
- 1.27 Offloading of material;

2. In Addition to the Scope, the following must be adhered to:

- 2.1 All levels and dimensions to be checked on site prior to commencement of any works;
- 2.2 Mine surveyor to install side grades and centre lines;
- 2.3 It is the responsibility of the contractor to make sure all side grades and centre lines are at all times visible for over inspection of construction excavations;
- 2.4 If blinding is needed it must be approved by the Engineer;
- 2.5 All concrete to be 40MPa strength at a period of 28 days;
- 2.6 Regular test cubes to be taken for testing;

3. Contractor to Supply:

- 3.1 Risk assessments;
- 3.2 Method statements for above mentioned scope;
- 3.3 MS Project plan, level 4, to be updated weekly;
- 3.4 Project cash flow - Labour
- 3.5 Labour to execute the scope safely;
- 3.6 Photographic evidence must be provided as back up for invoicing purpose;
- 3.7 1:200 Plans of areas where work is carried out;
- 3.8 Workplace File (signed off by Safety dept. before u/g clocking will be opened);
- 3.9 All PPE;
- 3.10 All hand tools (must be booked in at Security and Project Foreman to sign for record keeping);
- 3.11 Contractor will be held responsible for damages to and loss of free-issued tools;
- 3.12 Daily work report to be given to Project Management;
- 3.13 Any specialised equipment and tools for the execution of the above mentioned scope;

4. Mine to Supply:

- 4.1 Template for Workplace File (compulsory - Construction Supervisor will fill in a logbook daily, documentation will be signed by Shaft Engineer, as per Shaft Engineer meetings);
- 4.2 All lifting equipment;
- 4.3 All flame cutting equipment;
- 4.4 All material to execute the scope;
- 4.5 Slings of long material;
- 4.6 Transport of material from surface to 45 level station;