

Date: 5 October 2015

Our Reference: F: tenders/2015/consultancy/T1639

Coal Authority - Mansfield

For the attention of [REDACTED]

Dear [REDACTED]

Re: Ground Investigation at Alder Moor Way, Bristol

Further to your recent enquiry in relation to the above site, we are pleased to provide you with our cost offer for the ground investigation works based on the existing agreed Quantum Geotechnical Ltd and Coal Authority Framework Rates. The value based on the bill items detailed is **£15,649.00** which includes Regional Adjustment of 20% (Region 4) on Items A2.0-A2.20. VAT Excluded.

Sectional Summary:

Bill of Quantities Section	Value (£)
A	9,785.00
B	960.00
C	2,054.00
D	435.00
E	50.40
F	0.00
G	0.00
H	510.00
I	0.00
J	0.00
K	675.60
L	370.00
Appendix C: Regional Mark Up on Tender Items A2 – A2.20 (Region 4 20% Mark Up)	809.00
Grand Total (£)	15,649.00

The Quantities therein are based on the scope of works provided by the Coal Authority within the Short Contract documentation. A summary breakdown of allowances is offered below however; please note that some quantities have been estimated by Quantum at this stage for pricing purposes which are also presented below for clarification:

- Welfare, fencing and storage for duration of works
- Full Time Supervision by an experienced Engineering Geologist
- 4 No. Boreholes within the collapsed area off a working platform of 9m length and no larger than 3m wide. Assumed 1m superficial dynamically sampled and 1m of rock cored. SPTs, sampling and Inspection Pit allowance included.

- 2 No. Boreholes outside collapsed area not requiring platform. Assumed 1m superficial and 3m of rock cored. SPTs, sampling and Inspection Pit allowance included.
- Water Flush Drilling
- Sum for Traffic Management in the form of signage.
- Sum for Temporary Reinstatement
- Allowance for Geotechnical Classification Soil Testing i.e. Plasticity Limits, Particle Size Distribution and Moisture Content (6 samples)
- Allowance for Geochemical Testing of Sulphates and pH to permit Concrete Design Parameters (6 samples)
- Allowance for Geotechnical Rock Testing i.e. Uniaxial Compressive Strength and Point Load (6 each)
- Allowance for Waste Acceptance Criteria Testing Full Suite (2 samples)
- Ground Investigation Factual Report in paper and PDF version

Please note the following conditions apply to our offer:

1. This cost estimate is based on indicative quantities presented by the Client. Final costs will be evaluated from a re-measure of these quantities and rates
2. We have assumed suitable access to each exploratory hole location; should access be an issue the exploratory hole location may be moved in consultation with the Client or access created where possible
3. This offer is to the Coal Authority , who shall be responsible for the payment of our accounts
4. Considering our present commitments, we should be able to commence works within two weeks of receiving your purchase order.

We trust that we have interpreted your requirements correctly. If you wish to discuss this at all, please do not hesitate to contact us

Yours sincerely,

For and on behalf of **QUANTUM GEOTECHNICAL LIMITED**



**Principal Engineering Geologist/
Contracts Manager**

Encl.

- T1639 Priced Offer
- T1639 Signed Contractors Offer Document