

**UK SBS PR20016 AWS.2 Price Schedule**

**Instructions**

This Excel Workbook comprises 16 Worksheets. They are:

- Instructions
- Bid Price Summary
- A. General Items and Services
- B. Percussion Boring
- C. Rotary Drilling
- D. Pitting and Trenching
- E. Sampling and Monitoring
- H. In-Situ Testing
- I. Instrumentation
- J. Installation
- K. Geotechnical Lab Testing
- L. Geo-environmental Lab Testing
- Options
- Appendix A Personnel Rates
- Appendix B Long-term Storage

Please note that there are intentionally no tabs F or G.

Item Numbers and Descriptions align with the document "PR20016 Specification", which uses references from the UK Specification for Ground Investigation, 2nd Edition, published by ICE Publishing.

Bidders are required to complete the information in all red highlighted cells in all worksheets. Bidders should not attempt to change information in any other cell.

All unit abbreviations are detailed in Section 23 of "Annex 1: Bill of Quantities for Ground Investigation" in the document "PR20016 Specification"

Where the unit column states "Provisional Sum" the Contracting Authority has allocated an estimated amount to be used in all bidders' pricing. Bidders should not attempt to change this.

For items marked "1" the Contracting Authority has estimated the quantity for the purposes of evaluation and this should not be taken as a prediction of the amount required. The successful Contractor will need to make their own assessment of the quantities required.

The Contracting Authority has worked with an external Principle Designer to ensure that the information in the tender documents is as accurate as possible. However, the quantities may vary slightly during the course of the work.

The worksheet titled "Options" asks for rates for items that may be required during the course of the contract, but cannot currently be quantified. The rates provided shall apply for the term of the Contract.

The worksheets titled "Appendix A Personnel Rates" and "Appendix B Long-Term Storage" ask for rates for services that may be required during the course of the contract, but cannot currently be quantified. The rates provided shall apply for the term of the Contract.



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<b>BIDDER NAME</b>	[Bidder to add name]

Bidders are required to complete all red highlighted cells.  
 For the avoidance of doubt the total compiled within cell C25 of this worksheet will be used as the total bid price for the evaluation of this procurement.

Item Number	Description	Total Price £
A	General items, provisional services and additional items	£ 500.00
B	Percussion boring	£ -
C	Rotary drilling	£ -
D	Piling and trenching	£ -
E	Sampling and monitoring	£ -
H	In situ testing	£ -
I	Instrumentation	£ 1,000.00
J	Installation monitoring and sampling	£ -
K	Geotechnical laboratory testing	£ -
L	Geoenvironmental laboratory testing	£ -
<b>TOTAL</b>		<b>£ 1,500.00</b>

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For the avoidance of doubt the total compiled within cell **F32** will be transferred to the Bid Price Summary tab to calculate your total bid price for the evaluation of this procurement.

### A General Items, Provisional Services and Additional Items

Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
A1	Offices and stores for the Contractor	Sum	1	£ -	£ -	
A2	Establish on site all plant, equipment and services for a Green Category site	Sum	1	£ -	£ -	
A3	Extra over Item A2 for a yellow Category site	Sum	1	£ -	£ -	
A4	Maintain on site all site safety equipment for a yellow Category site (including PPE)	Sum	1	£ -	£ -	
A5	Decontamination of equipment during and at end of intrusive investigation for a yellow Category site	Sum	1	£ -	£ -	
A6.1	Appropriate storage, transport and off-site disposal of contaminated arisings and any PPE equipment, excluding laboratory testing	Provisional Sum	1	£ 500.00	£ 500.00	
A7.1	Provide technician	p/day	10	£ -	£ -	
A7.3	Provide Experienced Ground Engineer	p/day	21	£ -	£ -	
A8	Establish the location and elevation of the ground at each exploratory hole	Sum	1	£ -	£ -	
A9	Preparation of Health and Safety documentation and Safety Risk Assessment	Sum	1	£ -	£ -	
A21	Electronic copy of Ground Investigation Report (or specified part thereof)	Sum	1	£ -	£ -	
A25	Digital data in AGS transfer format (see schedule 1.21.3)	Sum	1	£ -	£ -	
A30	Visqueen sheeting to protect ground surface at each exploratory hole location	Sum	1	£ -	£ -	
A31	Provision of Heras fencing at each borehole location during works	Sum	1	£ -	£ -	
A32	UXO specialist to provide pre-start briefing and to be on call if required.	Sum	1	£ -	£ -	
A33	Provision of cold storage for superficial cores/samples.	Sum	1	£ -	£ -	

<b>TOTAL</b>					£ 500.00	To be carried over to summary
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 For the avoidance of doubt the total compiled within cell F26 will be transferred to the Bid Price Summary tab to calculate your total bid price for the evaluation of this procurement.

B Percussion Boring						
Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
B1	Move boring plant and equipment to the site of each exploratory hole and set up	nr	8	£ -	£ -	
B1.1	Extra over for moving between sites	nr	6	£ -	£ -	
B4	Advance borehole between existing ground level and 10 m depth	m	78	£ -	£ -	
B5	As item B4 but between 10 and 20 m depth	m	65	£ -	£ -	
B6	As item B4 but between 20 and 30 m depth	m	35	£ -	£ -	
B7	As item B4 but between 30 and 40 m depth	m	5	£ -	£ -	
B9	Advance borehole through hard stratum or obstruction	h	8	£ -	£ -	
B10	Provide aquifer protection measures at a single aquiclude/aquifer boundary or cross-contamination control measures at a single soil boundary in a borehole	nr	1	£ -	£ -	
B11*	Backfill borehole with cement/bentonite grout or bentonite pellets	25kg bags	220	£ -	£ -	
B12	Standing time for borehole plant, equipment and crew	h	4	£ -	£ -	
B19	Provision of dynamic sampling equipment and crew for sampling as directed by the Project Manager, maximum depth 5 m	day	1	£ -	£ -	
<b>TOTAL</b>					£ -	<b>To be carried over to summary</b>

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C Rotary Drilling						
Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
C15	Move rotary drilling plant and equipment to the site of each exploratory drillhole	nr	1	£ -	£ -	
C19	Standing time for rotary drilling plant, equipment and crew	h	1	£ -	£ -	
C34	Rotary drill in materials other than hard strata to obtain cores of the specified diameter between existing ground level and 10m depth	m	10	£ -	£ -	
C35	As item C34 but between 10m and 20m	m	10	£ -	£ -	
C36	As item C34 but between 20m and 30m	m	10	£ -	£ -	
C39	Extra over for use of semi-rigid core liner	m	30	£ -	£ -	
C44	Rotary drill in hard strata to obtain cores of the specified diameter between 30m and 40m depth	m	10	£ -	£ -	
C44.1	As item C44 but between 40 and 50m depth	m	10	£ -	£ -	
C44.2	As item C44 but between 50 and 100m depth	m	50	£ -	£ -	
C46	Extra over items C41 to C45 for use of semi-rigid core liner	m	70	£ -	£ -	
C48*	Backfill rotary drillhole with cement/bentonite grout or bentonite pellets	25kg bags	52	£ -	£ -	
C49	Core box to be retained by Client	nr	35	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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D Pitting and Trenching						Notes & Comments
Item Number	Description	Unit	Quantity	Rate	Total Price £	
D1	Excavate inspection pit by hand to 1.2 m depth	nr	9	£ -	£ -	
D2	Extra over Item D1 for breaking out surface obstructions	h	1	£ -	£ -	
D29	Provision of excavation plant equipment and crew for machine dug trial pits or trenches as directed by the Project Manager; maximum depth 4.0 m	day	8	£ -	£ -	
D45	Provide metal detector to check trial pits prior to excavation and commencement of CBR tests.	sum	1	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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 For the avoidance of doubt the total compiled within cell F21 will be transferred to the Bid Price Summary tab to calculate your total bid price for the evaluation of this procurement.

E Sampling and Monitoring Intrusive Investigation						
Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
E1	Small Disturbed Sample	nr	180	£ -	£ -	
E2	Bulk Disturbed Sample	nr	80	£ -	£ -	
E4.2	Open-tube sample using thin-walled (OS-T/W) sampler	nr	110	£ -	£ -	
E6	Groundwater sample from completed standpipe/ piezometer after completion of fieldworks	nr	9	£ -	£ -	
E14.1	Provision of containers and collection of samples for contamination Suite E (S1.20.3)	nr	30	£ -	£ -	
E14.2	Provision of containers and collection of sample for contamination Suite F (S1.20.3)	nr	9	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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H In-Situ Testing						
Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
H1	Standard penetration test in borehole	nr	115	£ -	£ -	
H4	California Bearing Ratio test (i.e. 600 mm diameter Plate Load Test)	nr	20	£ -	£ -	
H8	Hand Vane test (set of 3 readings)	nr	30	£ -	£ -	
H81	Provide equipment and carry out set of 3 infiltration tests at selected locations up to 1 day, including hire of excavation equipment	nr	1	£ -	£ -	
H84	Provide interface probe for reading of water /product level during works (provision of instrument for duration of field works)	sum	1	£ -	£ -	
H86	Carry out headspace testing by FID/PID (PID present for duration of the site works)	sum	1	£ -	£ -	
<b>TOTAL</b>					<b>£ -</b>	<b>To be carried over to summary</b>

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I Instrumentation						
Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
I11	Backfill exploratory hole with cement/bentonite grout below standpipe or standpipe piezometer	m	40	£ -	£ -	
I12	Provide and install standpipe (50mm)	m	285	£ -	£ -	
I17	Provide and install monitoring standpipe (32mm) in Windowless sample boreholes	m	10	£ -	£ -	
I19	Provide and install headworks for ground gas monitoring standpipe, standpipe or standpipe piezometer	nr	11	£ -	£ -	
I110	Provide and install protective cover (flush)	nr	11	£ -	£ -	
I14	Supply and erect 1.5m high marker post	nr	11	£ -	£ -	
I15.1	Supply equipment and personnel to carry out development by surging (per well)	nr	11	£ -	£ -	
I15.2	Develop standpipe or piezometer by surging (per well)	nr	11	£ -	£ -	
I15.5	As Item I15.1 but by over pumping (per well)	nr	11	£ -	£ -	
I15.9	Disposal of development water, not including chemical testing (per round)	Provisional Sum	1	£ 1,000.00	£ 1,000.00	
<b>TOTAL</b>					£ 1,000.00	To be carried over to summary

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J Installation Monitoring and Sampling						Notes & Comments
Item Number	Description	Unit	Quantity	Rate	Total Price £	
J1	Reading of water level in standpipe or standpipe piezometer during fieldwork period	Sum	1	£ -	£ -	
J2	Ground gas measurement in gas monitoring standpipe during fieldwork period	Sum	1	£ -	£ -	
J9	Return visit TO SITE E following completion of fieldwork to take readings in, or recover samples from installations (per round)	nr	3	£ -	£ -	
J10	Extra over Item J9 for reading of water level in standpipe or standpipe piezometer during return visit TO SITE E (per round)	nr	3	£ -	£ -	
J14	Extra over Item J9 for water sample from standpipe or standpipe piezometer during return visit TO SITE E, including purging or micro-purging up to 3.0 hours (per round)	nr	3	£ -	£ -	
J14.1	Extra over Item J9 for water samples from the remaining six sites on one occasion.	Sum	1	£ -	£ -	
J17	Extra over Item J9 for reading of free product level in standpipe using an interface probe during return visit to site (per round)	nr	3	£ -	£ -	
J22	Download and process data from submersible loggers at each site visit. (per round of monitoring)	nr	3	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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**K Geotechnical Laboratory Testing**

Item Number	Description	Unit	Quantity	Rate	Total Price £	Notes & Comments
K1.1	Moisture Content	nr	130	£ -	£ -	
K1.2	Liquid Limit, plastic limit and plasticity index	nr	90	£ -	£ -	
K1.9	Particle size distribution by wet sieving	nr	45	£ -	£ -	
K1.11	Sedimentation by pipette	nr	45	£ -	£ -	
K4.1	One-dimensional consolidation properties, test period 5 days	nr	9	£ -	£ -	
K4.2	Extra over Item K4.1 for test period in excess of 5 days	day	18	£ -	£ -	
K6.16	Undrained strength of a single 100mm diameter specimen in triaxial compression without the measurement of pore pressure	nr	20	£ -	£ -	
K9.1	Suite A (Greenfield site - pyrite absent Schedule 1.19.6)	nr	20	£ -	£ -	
K9.3	Suite D (Brownfield site - pyrite absent Schedule 1.19.6)	nr	16	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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L Geo-environmental Laboratory Testing						Notes & Comments
Item Number	Description	Unit	Quantity	Rate	Total Price £	
L1.1	Suite E (Soil samples Schedule S1.20.3)	nr	20	£ -	£ -	
L1.2	Suite F (Water samples Schedule S1.20.3)	nr	9	£ -	£ -	
L2.1	Suite H (Inert waste landfill Schedule S1.20.5)	nr	0	£ -	£ -	
L2.2	Suite I (Stable, non-reactive hazardous waste in non-hazardous waste landfill Schedule S1.20.5)	nr	0	£ -	£ -	
L2.3	Suite J (Hazardous waste landfill Schedule S1.20.5)	nr	0	£ -	£ -	
L2.4	Comprehensive Waste Acceptance Criteria Testing	nr	3	£ -	£ -	
L3.1	Asbestos screen (presence and ID)	nr	10	£ -	£ -	
L3.6	Microbial Pathogens (Salmonella, Listeria, E. coli, Campylobacter, Total Coliforms, Streptococci)	nr	9	£ -	£ -	
L4.4	Microbial Pathogens (Salmonella, Listeria, E. coli, Campylobacter, Total Coliforms, Streptococci)	nr	9	£ -	£ -	
<b>TOTAL</b>					£ -	To be carried over to summary

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For the avoidance of doubt the information provided in this worksheet will not be used for the evaluation of this procurement.

Item Number	Description	Unit	Rate	Notes & Comments
A34	Provision of a qualified archaeologist	p/day	£ -	
B3	Break out surface obstruction where present at exploratory hole	h	£ -	
B20	Backfill dynamic sampling hole with cement/bentonite grout or bentonite pellets	m	£ -	
C37	Rotary drill in materials other than hard strata to obtain cores of the specified diameter between 30m and 40m depth	R/O	£ -	
C41	Rotary drill in hard strata to obtain cores of the specified diameter between existing ground level and 10 m depth	R/O	£ -	
C42	As Item C41 but between 10 and 20m	R/O	£ -	
C43	As Item C41 but between 20 and 30m	R/O	£ -	
E14.3	Provision of containers and collection of samples for WAC Comprehensive Suite (S1.20.5)	nr	£ -	
G4	Move down-hole logging equipment to the site of each exploratory hole and set up	nr	£ -	
G5	Carry out down-hole calliper, natural gamma, resistivity (where hole is uncased)	m	£ -	
G7	Carry out optical televue log in borehole	m	£ -	
I12	Provide and install lockable stand up cover	nr	£ -	
J11	Extra over Item J9 for ground gas measurement in ground gas monitoring standpipe during return visit	nr	£ -	
L3.2	Asbestos quantification ACM & Fibre bundles (lower limit of quantification <0.001% wt/wt)	nr	£ -	
L3.3	Speciated Semi-Volatile Organic Compounds (SVOCs) (LoD <0.1 mg/kg)	nr	£ -	
L3.4	Speciated Volatile Organic Compounds (VOCs) (LoD <0.01 mg/kg)	nr	£ -	
L3.5	Polychlorinated Biphenyls (PCBs) – EC7+WHO12 (speciated)	nr	£ -	
L4.2	Speciated Semi-Volatile Organic Compounds (SVOCs) (LoD <1 µg/l)	nr	£ -	
L4.3	Speciated Volatile Organic Compounds (VOCs) (LoD <1 µg/l)	nr	£ -	



