

Quotation

Department for Environment Food &
 Rural Affairs (DEFRA)
 Nobel House
 17 Smith Square
 London
 SW1P 3JR

Account Manager: [REDACTED]

Quote No: ETS-35465

Date: 13/04/2023

Valid for: 30 days

Delivery: TBC

PROJECT:

Thank you for the opportunity to offer a response to tender reference C16002 for the Air Quality Monitoring Site Housing Supply Contract.

We have pleasure in submitting our quotation for the supply of Lot 3 cabins for the period of April 2023 to March 2026 with extension for a further 3 years.

Item	Description	Qty	Unit Price GBP £	Total Price GBP £
1	LOT 3 EXTRA-LARGE WALK-IN CABIN consisting of:			
1.1	EXTRA LARGE WALK-IN CABIN AQ MONITORING ENCLOSURE This enclosure is suitable for a number of analysers which can either be shelf mounted or mounted within a 19" instrument rack (which is not included within the supply) an example enclosure configuration consists of five gas analysers, two PM analysers and four L40/50 gas cylinders which are housed in a separate compartment. The enclosure is manufactured from plastisol steel which is fastened to 12.5mm vinyl coated plasterboard which is then connected to wall studs which have 90mm of fibre glass insulation which are fastened to 12.5mm vinyl coated internal plasterboard. The roof is fully insulated to a similar construction and has a roof loading of one KN/M2. The internal floor is insulated and is nonslip with a floor loading of 3KN/M2. The enclosure has a structural warranty of 5 years. Maintenance and minor repairs are to be carried out under the AURN ESU contract by the appointed contractor. To include: The enclosure external dimensions are 2300mm x 2400mm excluding any external fittings. The unit has a single door to enter the analyser housing section of the enclosure which consists of a steel door with a 10-point lock at an upper and lower point. It is possible to mount/fix shelves that can hold 15kg. Enclosure provided will have an acoustic performance of -32 (-2;-7) dB ISO 10140-2. Above the requirement of 24dBA.	1		
1.1.1	GAS STORE The enclosure is fitted with a separate gas store area which is of suitable size for the four L40 gas cylinders and this gas area is separated by an internal wall from the equipment area. This gas store area has its own separate entrance door and is fitted with low and high air vents however the air will be changed in the gas store area by opening the door and of natural leakage around the door seals etc. As an option we have given details of an oxygen depletion alarm system. We use gas cylinder clamps which are fitted to the side of the enclosure for secure mounting of the cylinders.	1		Included
1.1.2	STANDARD ENCLOSURE COLOUR GREEN Other colours available at additional price (please see option)	1		Included



1.1.3	INSTRUMENT BENCH <p>The enclosure is fitted with adjustable multi height shelving, which is adjustable for height and width, depending on the analysers to be fitted in the enclosure, the precise location of the shelving will be confirmed in the final housing specification diagram which is to be signed off by the client before the final assembly of the enclosure.</p> <p>The supplied shelving will be for 5 gas and 2 PM analysers, with additional shelving being able to be fitted as an extra.</p>	1		Included
1.1.4	HI AND LOW VENTS <p>Vents in main enclosure area.</p> <p>Venting installed shall be in a location that cannot be obstructed by installed or future equipment.</p>	1		Included
1.1.5	REINFORCED FLOOR	1		Included
1.2	ELECTRICS <p>The internal electrical wiring includes a six-way distribution board with isolator and MCBs. The enclosure will include up to eight twin switch socket outlets with RCD protection to provide up to 16 sockets, but this can be discussed before the final enclosure layout is confirmed. The wiring will be mounted in trunking/conduit and the work is carried out using a qualified NICEIC electrician to the latest safety standards (IEE regulations 18th edition).</p> <p>Copies of the electricians' qualifications can be provided. We can also fit internal lighting and an emergency light. The enclosure is supplied with a dead test certificate.</p> <p>Each of the electrical sockets will be labelled.</p>	1		Included
1.3	AIRCON 5KW SIDE MOUNTED + FITTING <p>The enclosure will be fitted with a suitable 5kW split side mounted air conditioning unit which is sized for FDMS units. The air conditioning unit will also be protected with an enclosure colour mesh cage with a steel sun shield on top and sides.</p> <p>The warranty period on the air conditioning unit is 2 years from the date of manufacturer therefore ET will not purchase the air conditioners for the enclosure until a delivery date is known and agreed and therefore enable us to offer the 2-year air conditioner warranty which has been requested. The warranty covers the repairs of the air conditioning unit and if you wish to protect any other equipment which may be damaged due to an air conditioner failure then you should add an over temperature cut out circuit to the electrical power (please see options).</p>	1		Included
1.3.1	AIRCON CAGE 5Kw + FITTING <p>The air conditioning cage will be stainless steel metal which is then painted. Although this is not the cheapest method (if you wish to save cost, we can substitute with steel painted air con cover) it will improve the appearance and not rust over.</p> <p>Mesh cage which is used to protect sample inlet for NOx and PM analysers. For this tender we are going to use galvanised metal enclosure which is then painted to improve the appearance of the enclosure over its years of use although this is not the cheapest method.</p>	1		Included
1.4	INLET CAGE STANDARD FRONT + TOP OPENING stainless steel and painted fitted <p>The inlet cage is front and top opening for ease of access and is suitable height for an analyser that uses the USEPA, PM10 and PM2.5 inlet heads, this will be a single large cage suitable for the two PM inlets</p>	1		Included



	and gas inlet. Any analyser that has a fixed overall inlet height due to its sample conditioner requires an increased inlet cage height which results in additional costs £POA. The overall height of this supplied cage is 750mm and depending on the brand of PM analyser used and its position within the enclosure, a special over height cage may be required.			
1.5	PTFE SAMPLE SYSTEM for up to 5 analysers The enclosure will be fitted with an inlet gland suitable for either a PTFE narrow tube gas sample system or a 25mm wide gas sample system.	1		Included
1.6	STANDARD GLAND FOR DUST INSTRUMENT and temperature A standard PM inlet gland will be fitted for USEPA inlet heads which can be adapted for other diameters. However, if the PM analyser uses a specialist inlet plate this is to be supplied by the PM supplier. As part of the PM inlet gland, we will also supply an inlet gland for a temperature sensor as most PM analysers have an external measurement system.	1		Included
1.7	CYLINDER CLAMPS HI OR LOW for 3 cylinders	3		Included
1.7.1	CALIBRATION LINE consists of a total of up to 5 metres of ¼" PTFE tubing & 1 "T" junction to connect span gas into sample line. Note since 2022. Year 2022 zero is from internal analyser source.	3		Included
1.8	A SAFETY PACK will be fitted to the enclosure consisting of: Fire Extinguisher (2Kw CO2) First Aid Box (compliant to BS8599)	1		Included
1.8.1	TELESCOPIC LADDER AND LADDER RESTRAINTS The telescope ladder has a length of 3.8 metres and complies to EN131-6 with a storage size of 1 metre. The ladder is supplied with a new horizontal base stabiliser bar for improved stability.	1		Included
1.8.2	LADDER BOLT HOLE FIXINGS	1		Included
1.9	LIAISE WITH CMCU 5 hours as detailed per enclosure build which will include 4 CAD (Computer Aided Design) diagrams to cover: - Internal/External layout drawing - Onsite equipment arrangement model - Electrical single line diagram - Electrical layout drawing	1		Included
1.9.1	LIAISE WITH CDC CONTRACTOR 1 hour as detailed per enclosure build	1		Included
1.9.2	ATTEND REGULAR MEETINGS e.g., every 2 weeks for 1 hour for CMCU planning Note. Shared cost across ALL enclosures	1		Included
1.10	PRODUCTION OF RISK ASSESSMENTS AND DELIVERY PLAN (desktop only) consisting of labour for 1 hour	1		Included
1.11	SCOPING VISIT consisting of: ET project engineer to site before delivery to England/Wales (or Scotland / Northern Ireland excluding ferry costs) for a maximum of 2 hours on site.	1		Included
1.12	DELIVERY TO ENGLAND/WALES (Scotland / Northern Ireland are excluding ferry costs) The enclosure will be delivered to site using an ET subcontractor and lorry with Hiab crane, (for London deliveries this vehicle will be a ULEZ rated lorry) to lift and deliver the enclosure to ground level.	1		Included



	It is the end customers' responsibility to arrange vehicle access, vehicle permissions, red route stopping etc., and is allowed to park next to the proposed air quality station. If evening/weekend deliveries are required (e.g., outside normal working hours), this can be arranged at an additional fee. Note. Subject to site visit and parking vehicle next to AQ Station.			
1.12.1	SECOND SUBCONTRACTOR TO BE INCLUDED ON VISIT Delivery of housing by subcontractor to include the supply of additional traffic marshal during the delivery of extra-large housing.	1		Included
1.12.2	STAFF COSTS FOR INSTALLATION OF COSTING FITTINGS AT AURN SITE - The enclosure is bolted to the concrete base during the delivery and is not a separate cost.	1		Included in delivery cost
1.13	STORAGE The enclosures can be installed at the Enviro Technology office or alternative Enviro Technology location with the agreement of the Authority/CMCU Project Team for a period of up to 2 years.	1		Included
	TOTAL PRICE: Per enclosure as 1 April 2023 to 31 March 2024 based on an England / Wales delivery and the following years will be at CPI (Consumer Price Index) increase.			██████████ per enclosure (England & Wales)
	TOTAL PRICE: Per enclosure as 1 April 2023 to 31 March 2024 based on a Scotland / Northern Ireland (excluding ferry) delivery and the following years will be at CPI (Consumer Price Index) increase.			██████████ per enclosure (Scotland & Northern Ireland)
2	OPTIONS FOR EXTRA-LARGE WALK-IN CABIN consisting of:			
2.1	OXYGEN DEPLETION ALARM SYSTEM consisting of: Wall-mounted, modular oxygen deficiency monitor and warning alarm system, providing continuous monitoring of oxygen concentration in the surrounding air and both visual and audible alarms when these fall outside pre-set levels. Standard Alarm Thresholds Low Oxygen 19.5% oxygen Critically Low Oxygen 18% oxygen. Oxygen monitor unit operates continuously for two years and cannot be switched off, giving maximum user protection. Built-in visual and audible alarms with separate 'low' and 'critical' alarm states. Internal Audible alarm is 85dBA at 30cm Fitted to inside of AQ station	1	POA	Option
2.2	OVER TEMPERATURE CUT OUT CIRCUIT to the electrical power Add an over temperature cut out circuit to the electrical power.	1	██████████	Option
2.3	CHANGES TO ELECTRICAL SOCKETS TO HAVE INDIVIDUAL RCD PER SOCKET This will require a change to distribution board to a split board, and each individual double socket will be fitted with a RCB (e.g., 6 double RCD (Residual Current Device) sockets for 12 electrical outlets). The material costs will be increased, and a more detailed electrical diagram will be required. Note. ET would not recommend this method, as it could increase the number of LSO callouts due to false electrical tripping.	1	██████████	Option
2.4	COLOUR UPGRADE The enclosure can be supplied in many colours, some colours are included in the price but some colours are charged extra depending on colour. To give you an example colours such as Raven 18B29, and Terracotta 04C39 are charged extra £POA.	1	POA	Option



2.5	SPECIAL FINISH such as: - Enclosure wrapping - Simulated wood finish - Clad with real wood	1	POA	Option
2.6	INCREASED INLET CAGE HEIGHT AND SIZE	1	POA	Option
2.7	SAFETY KIT additional items: Emergency Light	1	POA	Option
2.8	SLOPING TOP SECTION FOR AIRCON CAGE (depends on site location) Stainless steel and painted	1	POA	Option
2.9	BOTTOM SECTION UNDER AIRCON CAGE FOR A 5KW SPLIT AIRCON (depends on site location) Stainless steel and painted	1	POA	Option
2.10	LADDER BOLT FITTINGS Second set of fittings	1	POA	Option
2.11	INTEGRATED ELECTRICAL METER BOX / ELECTRICAL METER CABINET. Depending on the site & the electricity connection, normally the electrical supply company will provide their own meter pillar, an independent connection point between their supply & the supply to the enclosure. The meter pillar also houses the electrical company's fuse, meter etc. However, we can supply a cabinet built into the side wall of the enclosure. A basic description is: Built-in Electric Meter Box Compression-molded built-in electricity meter box made from weather resistant glass reinforced fire retardant polyester (G.R.P.). Contains chipboard panel so is not fireproof. Class II BS 476. Dimensions: H 595 mm x W 410 mm x D 210 mm. opening: H 535 x W 365 x D 150 mm.	1		Option

STAFF AND RESOURCES:

Onsite work, travel time, and office-based work

Nominal Grade	FY23/24	FY 24/25	FY25/26	FY 26/27	FY 27/28	FY 28/29
Technician / Driver / Administration		+CPI	+CPI	+CPI	+CPI	+CPI
Skilled Engineer		+CPI	+CPI	+CPI	+CPI	+CPI
Project Manager / Director		+CPI	+CPI	+CPI	+CPI	+CPI

FOR SITE WORK:

TRAVEL COSTS PER MILE BASED ON DEFRA RATES

£ / mile	FY23/24	FY 24/25	FY25/26	FY 26/27	FY 27/28	FY 28/29
Cost (per mile) each way		+CPI	+CPI	+CPI	+CPI	+CPI
Fee for 200-mile trip each way						

Registered company address:
Brook Holt, Blackburn Road, Sheffield, South Yorkshire, England, S61 2DW
Registered in England No. 1726773



FM 30232



OHS 587515



EMS 592982



TOTAL	██████	+CPI	+CPI	+CPI	+CPI	+CPI
EXPENSES						
Per day / night	FY23/24	FY 24/25	FY25/26	FY 26/27	FY 27/28	FY 28/29
DEFRA rates	Various (depending on location)	+CPI	+CPI	+CPI	+CPI	+CPI
TOTAL	Various	+CPI	+CPI	+CPI	+CPI	+CPI

REMOVE ANALYSERS FROM EXISTING ENCLOSURE

Labour only (mileage is not included)

Onsite	FY23/24	FY 24/25	FY25/26	FY 26/27	FY 27/28	FY 28/29
Based on: - ET AC Engineer on site for 1 hour - ET Service Engineer on site for 3 hours	██████	+CPI	+CPI	+CPI	+CPI	+CPI

REINSTALL ANALYSER IN NEW ENCLOSURE:

Labour only (mileage not included)

Onsite	FY23/24	FY 24/25	FY25/26	FY 26/27	FY 27/28	FY 28/29
Based on: - Scope to be provided	██████ (based on 4 hours work)	+CPI	+CPI	+CPI	+CPI	+CPI

Enviro Technology Terms & Conditions

Prices : Excluding VAT

Payment : 14 days based on milestone invoicing

Yours sincerely

██████████
Director

██████████ **DDI:** ██████████ **Mobile:** ██████████ **Website:** www.et.co.uk

ET Terms & Conditions (for equipment sales quotations)

In addition to our standard business terms and conditions:

Registered company address:
Brook Holt, Blackburn Road, Sheffield, South Yorkshire, England, S61 2DW
Registered in England No. 1726773



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<https://www.et.co.uk/terms-and-conditions-provision-goods-services>

The following additional terms and conditions are applicable for the delivery, installation and commissioning of enclosures and equipment on a customer site, as well as any storage of any customer equipment at Enviro Technology's premises. Therefore, customers placing purchase orders with Enviro Technology Services Ltd will be deemed to have agreed to these additional terms and conditions of sale at the time of quotation review, acceptance and order placement.

Delivery

When the equipment is ready for delivery the client will be contacted and a delivery date will be agreed and scheduled. If the Customer's site is not ready, Enviro Technology Services Ltd will offer to store the goods at its offices on a free of charge basis for a maximum of 1 month, after which time storage fees as detailed in 5a and 5b of our storage policy will apply and will be charged. For goods held in storage following on from being made available for delivery, it will be deemed that the equipment has been delivered to the customer and the invoice will be issued and it will become payable under the payment terms.

Enviro Technology Services Ltd may be able to issue vesting certificates at additional if so required, and an additional charge may be made if additional insurance cover is necessary.

Our storage policy can be accessed at: <https://www.et.co.uk/assets/resources/sa-01-customer-goods-storage-policy-may-2020.pdf>

*Civil works

The organisation and provision of any civil works necessary for the delivery, installation and commissioning of enclosures or any other equipment supplied by Enviro Technology Services Ltd is strictly the responsibility of the client. These civil works may include concrete bases and pads for enclosures to be fixed down to as well as the need for any access pathways and security fencing if necessary. Enviro Technology will provide the client with all relevant and system specific information (i.e. enclosure base diagrams) that may be necessary for the arrangement and provision of civil works ahead of the enclosure/equipment delivery.

*Electrical works

The organisation and provision of any electrical installation works necessary for the delivery, installation and commissioning of enclosures or any other equipment supplied by Enviro Technology Services Ltd is strictly the responsibility of the client. The client will also be responsible for connection of the electrical services to the enclosure and ensuring that the power is switched on prior to Enviro Technology commissioning the equipment at the site. Enviro Technology will provide the client with all relevant and system specific electrical information that may be necessary for the arrangement and provision of electrical works ahead of the enclosure/equipment delivery.

*Traffic/pedestrian management

Any specific traffic and pedestrian management requirements and permissions that need to be put in place ahead of or on the day of analyser/enclosure/equipment delivery and installation at site, are strictly the responsibility of the client. Enviro Technology Services Ltd is not qualified, authorised or insured to arrange or carry out any traffic/pedestrian management works, but will provide the client with all relevant and system specific information that the client may require in order to obtain any necessary permissions and comply with any local (or national) traffic/pedestrian health and safety management requirements.

NOTE: **NOTE In exceptional circumstances, ET may be able to arrange/sub-contract these works at additional cost.*

Gas Cylinders

For new project installations.

If not covered by an all-inclusive service contract with Enviro Technology, calibration gas cylinders that are provided by ET as part of our scope of supply for UK deliveries may be subject to monthly cylinder rental charges levied by the gas cylinder manufacturing companies. If so, the cylinder rental charges start when the cylinders are delivered to ET. Therefore, ET orders gas cylinders that form part of a project on a "just in time basis" only when the customer confirms in writing that the installation site is fully ready for ET to make arrangements for the delivery, installation and commissioning of the project.

Should subsequent delays that are outside of ET's control occur after the customer has confirmed that the site is ready for installation, ET will invoice for the gas cylinder rental charges that accrue plus a handling fee until the time that the site delivery, installation and commissioning takes place.

For service contracts.

When calibration gas is included in the cost of an ET Service Contract, if the rented gas cylinders are not released to ET at the end of the service contract (within 7-days), we will invoice £500.00 per cylinder for the transfer of the cylinder to the customer's ownership.

Waste Electrical and Electronic Equipment Regulations 2013 (WEEE)

Enviro Technology Services Ltd (ET) is a registered member of the Transform WEEE Compliance Scheme (Producer Registration Number: WEE/GA0223XV). A copy of Certificate of Registration is available to view on our website www.et.co.uk

Please note that monitoring equipment supplied by ET falls into Category 9 (Monitoring and Control Equipment) of the 2013 WEEE regulations. End-users of ET monitoring equipment are therefore reminded of their responsibilities of financing the cost of disposal of ET supplied products when they come to the end of life.

ET can also arrange for authorised WEEE collection and disposal at additional cost if required. In accepting ET's Terms and Conditions of Sale and placing POs with ET, end-users are contractually obliged to dispose of end-of-life ET supplied products under the requirements of the WEEE Regulations and at their own cost.

GDPR

Please take the time to view our Marketing Statement and Privacy Notice in accordance with the new GDPR regulations <http://www.et.co.uk/assets/resources/we-take-data-protection-very-seriously-and-have-updated-our-privacy-notice-in-line-with-the-new.pdf>

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