

Short Contract

A contract between

UK Research and Innovation (UKRI), Science and Technology
Facilities Council (STFC)

and

Ove Arup & Partners Limited

for

Technical Services – STFC Decarbonisation Plan – Phase 2
RM6314 Project Reference: [REDACTED]

Contract Forms

Contract Data

The *Consultant's* Offer and *Client's* Acceptance

Price List

Scope

Contract Data

The *Client's* Contract Data

The *Client* is

Name UK Research and Innovation (UKRI), Science and Technology Facilities Council (STFC)

Address for communications Polaris House, North Star Avenue, Swindon, SN2 1FL

Address for electronic communications

The *service* is The appointment of Technical Services for Phase 2 which will develop on Phase 1 of the decarbonisation plan for STFC in the following areas: Target setting and quantification to inform decision making and Governance.

The *starting date* is Thursday 2nd February 2024

The *completion date* is Monday 25th March 2024

The *delay damages* are £0 per day

The *law of the contract* is English

The *period for reply* is 2 weeks

The *defects date* is 52 weeks after Completion

The *assessment day* is the 1st of each month

Work **is not** to be carried out on a time charge basis

The United Kingdom Housing Grants, Construction and Regeneration Act (1996) **does not** apply

The *Adjudicator* is

Name To be confirmed by both parties.

Address for communications

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Contract Data

The *Client's* Contract Data

The interest rate on late payment is % per complete week of delay.

The *Client* provides this insurance

No insurance provided by the Client

The *Consultant* provides the following insurance cover

INSURANCE AGAINST	MINIMUM AMOUNT OF COVER	PERIOD FOLLOWING COMPLETION OR EARLIER TERMINATION
Liability of the <i>Consultant</i> for claims made against it arising out of the <i>Consultant's</i> failure to use the skill and care normally used by professionals providing services similar to the <i>service</i> .	£1 Million in respect of each claim, without limit to the number of claims	6 years
Loss of or damage to property and liability for bodily injury to or death of a person (not an employee of the <i>Consultant</i>) arising from or in connection with the <i>Consultant</i> Providing the Service.	£1 Million in respect of each event, without limit to the number of events	1 year
Liability for death of or bodily injury to employees of the <i>Consultant</i> arising out of and in the course of their employment in connection with the contract	£5 Million in respect of each event, without limit to the number of events	1 year

The *Consultant's* total liability to the *Client* which arises under or in connection with the contract is limited to

150% of Total Prices

The *Adjudicator nominating body* is

To be confirmed by both parties

The *tribunal* is

Arbitration

If the *tribunal* is arbitration, the arbitration procedure is

To be confirmed by both parties

Contract Data

The *Client's* Contract Data

The *conditions of contract* are the NEC4 Professional Service Short Contract June 2017 (with amendments January 2019) and the following additional conditions:

The additional conditions of contract are as detailed in the appended Standard Boilerplate Amendments – Appendix A.

Contract Data

The *Consultant's* Contract Data

The *Consultant* is

Name

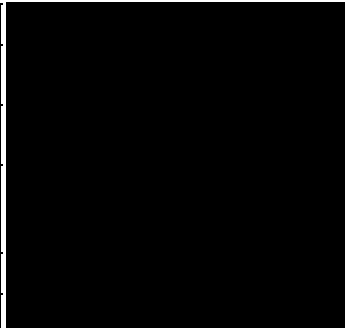
Address for communications

Address for electronic
communications

The *fee percentage* is %

The *people rates* are

category of person unit rate

Partner	Hourly	
Managing Consultant/ Director	Hourly	
Principal Consultant / Associate Director	Hourly	
Senior Consultant/ Engagement Manager / Project Lead	Hourly	
Consultant	Hourly	
Analyst / Junior Consultant	Hourly	

The *key persons* are

Name (1)

Job

Responsibilities

Qualifications

Experience

Name (2)

Job

Responsibilities

Qualifications

Experience

The *Consultant's* Offer and *Client's* Acceptance

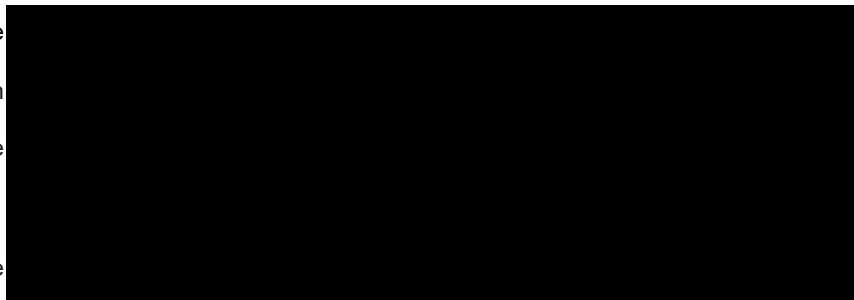
The *Consultant* offers to Provide the Service in accordance with these *conditions of contract* for an amount to be determined in accordance with these *conditions of contract*.

The offered total of the Prices is

£109,949.00

Signed on behalf of the *Consultant*

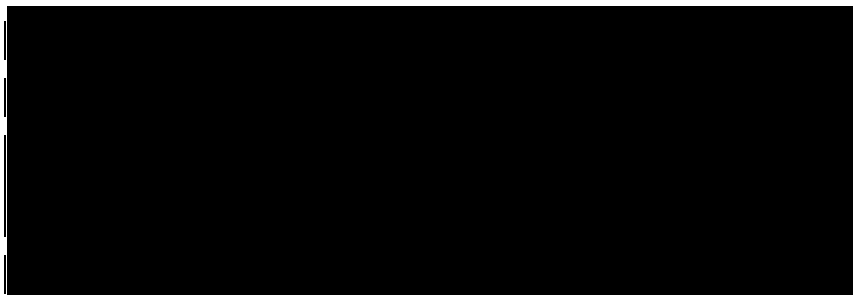
Name
Position
Signature
Date



The *Client* accepts the *Consultant's* Offer to Provide the Service

Signed on behalf of the *Client*

Name
Position
Signature
Date



Price List

ITEM NUMBER	DESCRIPTION	UNIT	EXPECTED QUANTITY	RATE	PRICE
1		Hours	42		
2		Hours	43		
3		Hours	56		
4		Hours	53		
5		Hours	40.5		
6		Hours	9		
7		Hours	36.5		
8		Hours	40.5		
9		Hours	56		
10		Hours	82		
11		Hours	82		
12		Hours	160		
13		Hours	24.5		

The total of the Prices £109,949.00

Scope

1 Purpose of the service

The Science and Technology Facilities Council (STFC) is a world-leading multidisciplinary science organisation, and our goal is to deliver economic, societal, scientific and international benefits to the UK and its people – and more broadly to the world. We provide access to world-leading, large-scale facilities across a range of physical and life sciences, enabling research, innovation and skills training in these areas. Our large-scale scientific facilities in the UK are used by thousands of users each year, carrying out more than 2,000 experiments and generating around 900 publications. The facilities provide a range of research techniques using neutrons, muons, lasers and X-rays, and high performance computing and complex analysis of large data sets.

Our sites include the Rutherford Appleton Laboratory at Harwell in Oxfordshire, and our Daresbury Laboratory in Cheshire – each of which offers a different cluster of technological expertise that underpins and ties together diverse research fields. STFC also has estate and operations at UK Astronomy Technology Centre in Edinburgh, Cosenors House in Abingdon and Chilbolton Observatory in Hampshire.

As a non-departmental public body sponsored by the Department for Science, Innovation and Technology (DSIT), STFC are required to adhere to the Greening Government Commitments. These commitments cover the period 2021 to 2025 and set out the actions that UK government bodies like us must take to reduce our impact on the environment.

Under these commitments, we must:

- Reduce greenhouse gas emissions and transition to net zero
- Promote resource efficiency, minimise waste and increase our recycling
- Reduce water consumption
- Improve sustainable procurement
- Promote nature recovery
- Develop and deliver climate change adaptation strategies
- Reduce environmental impacts from ICT and digital services

This procurement is STFC's next step towards responding across the to the requirements above.

In response to the Greening Government Commitment STFC is required to both report and action across the seven areas specified in a timescale up to 2025. It is anticipated that the GGC will be refreshed for post 2025. STFC has collected baseline data at site level for Scope 1 and 2, since 2017/18 (the year that UKRI was formed) as a baseline. Baseline carbon emissions were 51,526 TCO₂e. Over subsequent years data has been refined and improved. For 2022/23 carbon emissions were 28,427 TCO₂e.

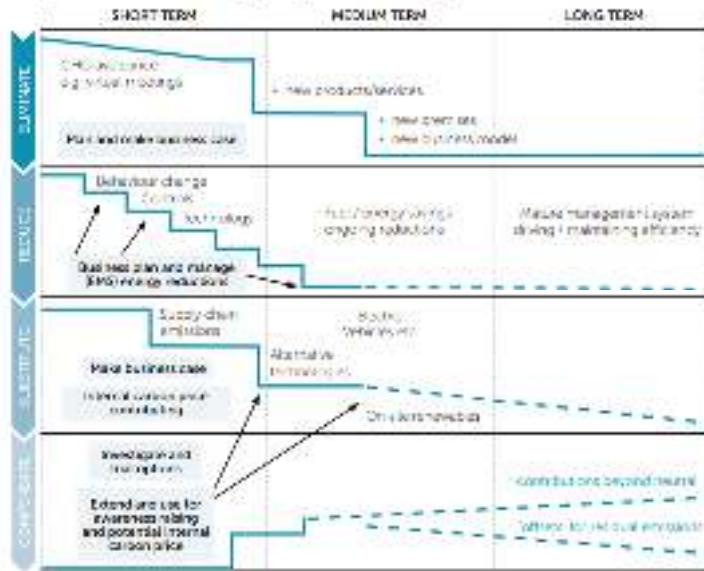
The majority of emissions comes from Scope 2, electricity consumption, from the grid. Any reductions shown since the baseline year are largely due to grid decarbonisation. However, STFC continues to develop, science, technology and innovation develop all the time as do the facilities at STFC. The sites

are growing and developing, electricity and mains gas consumption is increasing. Phase 1 set out to identify the challenge of decarbonisation at STFC.

Phase 2 will develop on Phase 1 in the following areas:

Target setting and quantification to inform decision making

- Develop a high level interim target approach using a framework similar to IEMA's shown below



- Using two departments who will be recruited by the Environmental Sustainability Team to seek to understand at a high level the investment and resource required for departments to decarbonise by 2040, with interim targets developed in line with the above approach.
- Develop an approach that will allow for resource estimation to across departments to be established, for example a spreadsheet of information required by each department.

Governance

- Develop understanding of governance at STFC and at UKRI levels to understand how and where decisions are made on decarbonisation, risk appetite on delivery and budget;
- Develop an understanding of the role of governance not only within PAS2080 but as part of the Task Force on Financial Disclosures.

Develop and deliver a disclosure for STFC using TCFD for 2022/23.

Scope

2 Description of the service

Requirement:

The scope of this Phase 2 will be the following campuses:

- The Rutherford Appleton Laboratory at Harwell in Oxfordshire,
- The Daresbury Laboratory in Cheshire.
- The Royal Observatory Edinburgh in Edinburgh.
- Only buildings owned and operated by STFC shall be included within the agreement.
- The period of the agreement shall be up to but not after the 31st March 2024

Phase 2 will develop on Phase 1 in the following areas:

Target setting and quantification to inform decision making

- Develop a high level interim target approach using a framework similar to IEMA's shown earlier under section 2. Targets across the GGC that make up emissions from Scope's 1 and 2. Scope 3 should include business travel, waste/recycling and water use.
- Target setting should be set at STFC organisational level and be mindful of a trajectory to net zero by 2040, interim targets set by UK Government and reflect the UK Carbon budget cycle. Areas of priority should be identified with a rationale to the approach. Targets to sit along a trajectory to showcase pathway/movement.
- Produce high-level scenario-planning with associated risks and opportunities to suggest alternatives to the current BAU approach . e.g. the scenario of BAU with little action, compared to ARUP identified approach and targets, compared to more stringent approaches.
- Using two departments who will be recruited by the Environmental Sustainability Team to seek to understand at a high level the investment and resource required for departments to decarbonise by 2040. It is understood that National Laboratory Directors wish to ask and empower Facility Directors to identify a plan for facilities to decarbonise, asking them to set out in a plan of how they intend to approach decarbonisation, what resources they require and when they can achieve decarbonisation which is not reliant on grid decarbonisation. The scope of this work is expected to be around the science and not cover buildings occupied by facilities.
- In undertaking a feasibility with two departments we hope to understand how to develop an approach that could be replicated with all departments within the National Laboratories at STFC.
- This should include high level financial data but also skills and resources in people that would be required for departments to decarbonise, to also include risks and opportunities for decarbonising.

Governance

- Develop an understanding of governance at STFC and at UKRI levels to develop approaches around how and where decisions are made on decarbonisation and budget.
- Set out the importance of clear and robust governance as part of PAS2080 and the Task Force on Financial Disclosures.
- Develop and deliver a disclosure for STFC using TCFD for 2022/23. Benchmark this against similar organisations and identify any risks or opportunities.

A full description of the services to be delivered as located within the Consultants quotation – Appendix B.

3 Existing information

As per the Specification and Supporting documentation (Appendix B) for BE24003.

4 Specifications and standards

As per the Specification and Supporting documentation (Appendix B) for BE24003.

5 Constraints on how the *Consultant* Provides the Service

As per the Specification and Supporting documentation (Appendix B) for BE24003

6 Requirements for the programme

As per the Specification and Supporting documentation (Appendix B) for BE24003

7 Information and other things provided by the *Client*

As per the Specification and Supporting documentation (Appendix B) for BE24003

