



## Replacement Geographic Information System (GIS) Mapping Software

**Subject:** Procurement Report  
**Date:** 17<sup>th</sup> March 2025  
**Reference:** HWFRS/201

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### 1. Background

Hereford & Worcester Fire and Rescue Service (the Authority) have developed an ICT Plan, which sets out how the digital infrastructure and systems will support the Authorities core aim of providing our communities with sustainable, high quality firefighting, rescue and preventative services. Its aim is to maximise the added value of digital solutions, innovative use of information technology and effective sharing and utilisation of data in ways that will drive efficiency and effectiveness in meaningful and a measurable way.

[ICT Plan 2021-2025.](#)

HWFRS must keep pace with modern, user-oriented models of operating in order to address changes in the expectations of our workforce and providing our communities with sustainable, high quality firefighting, rescue and preventative services.

Hereford and Worcester Fire Authority (the Authority) are seeking to enhance their capabilities in advanced incident data analysis and modelling. By investing in cutting-edge GIS technology, the Authority aims continue to improve their efficiency and effectiveness in addressing fire-related incidents and other risks. This initiative will support better decision-making, resource allocation and overall risk management, ensuring a higher level of safety and service for the local communities.

This document aims to provide a clear and transparent rationale for how the appropriate supplier has been selected. The Authority has assessed the appropriate procurement routes, the appropriate available partners and the relevant costs of those partners.

### 2. Service Review

The Authority consists of, in addition to its headquarters (SHQ), 27 fire stations strategically located across the two counties. Nineteen of these stations are Retained and predominantly located in Hereford. The remaining 8 stations consist of 3 day crewed and 5 whole time. It operates on a 24 hour per day/7 days per week /365 days per year basis. The mission of the Service is to make the communities we serve safer through prevention, protection and response activities.

Based on the deliverables the Head of Performance and Information and Head of ICT reviewed and agreed based on the Authorities operational requirements a user specification inline with current legislation. The review also takes account of its strategic aims over the next three years, the plan will look to increase productivity through flexible and accessible systems, whilst delivering continued cost savings.

The current arrangement for the mapping software will cease the end of March 2025.



### Finalising of Tender Documents

1. Invitation to Tender, Evaluation Criteria, Specification, Questionnaire **Appendix 1**
2. Pricing Schedule **Appendix 2**

The specification structure was agreed and the following criteria would be used to assess the overall economic advantages of the tender proposals:-

- Mandatory Questions- **Pass/Fail**
- Compliance with the Specification **40%**
- Aftersales **35%**
  - Service Delivery/Implementation 30%
  - Contract Management and Performance 25%
  - Document/Reports 5%
  - Training 20%
  - Warranty 5%
  - Support and Maintenance 10%
  - Innovation 5%
- Price **25%**

The Authority requires a 5 year contract with the option to extend for a further 12 months for the provision of a single supplier to provide Geographic Information System (GIS) Mapping Software.

### **3. Procurement**

The Tender for the provision of a Geographic Information System was advertised as an Open Tender on 17<sup>th</sup> December 2024, with a closing date for applications on 5<sup>th</sup> February 2025.

This was undertaken as an open tender and published on the e-Tendering Portal <https://in-tendhost.co.uk/hwfire/>

### **4. Evaluation Stage**

#### Evaluation Stages

- Stage 1- Evaluated Price (25%)
- Stage 2- Compliance with the Specification; Quality and Technical (40%)
- Stage 3- Aftersales (35%)

Evaluation questions were based on the following overarching criteria and weighted scores:

<b>Award Criteria</b>	<b>Weightings</b>
Mandatory Questions	<b>Pass/Fail</b>
Price	<b>25%</b>
Compliance with the Specification	<b>40%</b>
Aftersales	<b>35%</b>
<b>TOTAL</b>	<b>100%</b>

Bids were received from the following three (3) suppliers



1. 3DEO NI
2. Cadcorp
3. Esri UK Ltd

### Stage 1- Price (25%)

A full cost evaluation was carried out on all of the suppliers returned pricing schedules based on the contract period (5 years).

### Stage 2- Compliance with the Specification; Quality and Technical (40%)

The suppliers tenders submissions were reviewed against the above criteria and specification (**Appendix 1**) with the evaluation panel consisting of Head of Performance & Information, Head of ICT and Performance Analysis, agreeing, through consensus, an overall score for each question.

### Stage 3-Aftersales (35%)

Each supplier confirmed and supplied supporting documentation/evidence as part of their tender submission in relation to these requirements as set out in the specification. The evaluation panel agreeing, through consensus, an overall score for each question.

The below table summaries the weighted scores achieved by each of the suppliers

Criteria	Area	TOTAL SCORE AVAILABLE	Cadcorp	3DEO NI Ltd	Successful Supplier Esri UK Limited
1	Mandatory Questions	Pass / Fail	Pass	Fail	Pass
2	Compliance with the Specification	40%	27.65%	24%	40%
3	Aftersales <ul style="list-style-type: none"> <li>• Service Delivery/Implementation 30%</li> <li>• Contract Management and Performance 25%</li> <li>• Document/Reports 5%</li> <li>• Training 20%</li> <li>• Warranty 5%</li> <li>• Support and Maintenance 10%</li> <li>• Innovation 5%</li> </ul>	35%	32%	21%	28.70%
4	Price	25%	25%	15.10%	23.28%



Criteria	Area	TOTAL SCORE AVAILABLE	Cadcrop	3DEO NI Ltd	Successful Supplier Esri UK Limited
Total		100%	84.65%	60.10%	91.98%

#### 5. Recommended Decision

Esri UK Ltd appointed for the provision of Geographical Information Software (GIS) Mapping Software.

The total contract value £166,420.32 (5 year Contract)

Year 1 £29,220.00

Year 2 £30,805.40

Year 3 £33,164.18



Year 4 £35,345.67

Year 5 £37,679.89

The contract is anticipated to commence in April 2025.

#### 6. Full Audit trail (including Specification/Scoring matrix)

[ESRI UK Ltd](#)

<b>Appendix 1-</b> Instructions To Tender	 Instructions To Tender GIS unlocker
<b>Appendix 2-</b> Pricing Schedule	 Appendix G Pricing Schedule GIS.xlsx