

FOI Ref  
9705

Response sent  
13 Oct 2021

### **(CCC) Draft North East Cambridge Area Action Plan**

I am writing with regard to the HIF Fund Business Case provided under FOI request 9041, with reference to the site used to prepare the costings for the HIF Fund submission.

The final paragraph on page 72 of the redacted copy of the Business Case provided states that:  
'Scheme costs are based on an identified location and site-specific characteristics have been taken into consideration'

Under the Freedom of Information Act please provide the following information:

- a) Confirmation of the identified location which is stated in the business case as being used for preparation of the scheme costs.
- b) Details of the site-specific characteristics outlined that have been taken into consideration.

### **Response**

- a) Confirmation of the identified location which is stated in the business case as being used for preparation of the scheme costs.

Two locations were used to provide notional geographical points to use for the outline project design used to arrive an estimated range of costs. Please refer to page 132 of the Business Case which states:

Please provide a summary evidencing how you have assumed these costs  
The costs estimates contained within this business case have been prepared by the @one Alliance. The @one Alliance has used its normal costing processes to arrive at the estimates being used in this business case. This includes using the costing database which is used to verify costs estimates submitted to Ofwat as part of the five yearly Asset Management Period submission. All of the material produced to support the cost estimates can be found in Appendix 6.1.4.

Please refer to the cost estimates for the relocation of CWRC (short and long tunnel options) included in Appendix R. Both of these options have been included because the location of the relocated CWRC is unknown at the moment, therefore, the longer option cost has been used as the potential maximum cost.

Two locations were used to provide a range of cost estimation because the site had not been selected at that point, and so the length of the connecting infrastructure was unknown. As a result, there was a need to provide a range of estimated costs to allow the business case to contain a minimum and maximum

requirement. Please refer to the following paragraph on page 29:

The relocation of the CWRC requires three elements of construction, as follows. Connecting tunnels (for waste water flows) from the existing CWRC to the new one, and from the new WRC to the receiving watercourse for the effluent (treated water).

The water recycling centre itself, to separate the waste water from the sludge and to treat the former.

The sludge treatment centre to treat the resultant sludge and use it to produce gas from the anaerobic digestion process, which is then used to generate electricity via a Combined Heat and Power engine.

The options for these elements have been explored by Anglian Water's @one Alliance team to produce a design for these elements to allow the cost of them to be determined. These costs have formed the basis of the quantum of HIF funding requested by the submission of this Business Case.

The cost of items 2 and 3 above are approximately the same, wherever the new plant is relocated. The location of them does affect the length of the tunnels and therefore the cost of them. The combination of the site identification process undertaken so far, and the design work of the new WRC has allowed Anglian Water to identify a likely range of cost for the relocated WRC, and hence the amount needed from HIF. The range is £167m to £227m, depending on the distance of the relocated WRC from the existing site.

To inform the costings, one of the locations identified was to the north of the A14 but within the Milton area. The other was to the east of Waterbeach.

b) Details of the site-specific characteristics outlined that have been taken into consideration

Further queries on this matter should be directed to [foi@cambridge.gov.uk](mailto:foi@cambridge.gov.uk)