

NEC4 Engineering and Construction

Short Contract

FCRM Operational Framework – South East Hub

A contract between

**The Environment Agency
Horizon House
Deanery Road
Bristol
BS1 5AH**

And

Almagamated Construction Limited

For

2022 – 2023 Solent and South Downs Culvert Inspection Programme

Contract Forms

- **Contract Data**
- **The *Contractor's* Offer and *Client's* Acceptance**
- **Price List**
- **Scope**
- **Site Information**

Contract Data

The *Client's* Contract Data

	The <i>Client</i> is	
Name	Environment Agency	
Address for communications	Horizon House, Deanery Road, Bristol. BS1 5AH	
Address for electronic communications	https://defra.bravosolution.co.uk	
The <i>works</i> are	<p>CCTV culvert inspection by means of man entry walkthrough surveys, float surveys and remote camera surveys of 136 culverts including:</p> <ul style="list-style-type: none">▪ 105 CCTV culvert inspection surveys by crawler/float camera.▪ 31 complex CCTV culvert inspection surveys, i.e. culvert CCTV surveys likely to require additional resource/equipment/methodology, such as traffic management, culvert cleaning/jetting, culvert de-watering, confined space team etc. Of these 31 complex surveys 27 are expected to require jetting/de-silting. <p>Work to include culvert clearance work as required and a complete CCTV survey of each site upon completion of works.</p>	
The <i>site</i> is	The 136 sites are listed in the document: 2022-2023 - Pricing Template - v1	
The <i>starting date</i> is	23rd September 2022	
The <i>completion date</i> is	31 st March 2023	
The <i>delay damages</i> are	Nil	Per day
The <i>period</i> for reply is	2	weeks
The <i>defects date</i> is	52	weeks after Completion
The <i>defects correction period</i> is	4	weeks
The <i>assessment day</i> is	the last working day	of each month

The <i>retention</i> is	nil	%
The United Kingdom Housing Grants, Construction and Regeneration Act (1996) does apply		
The <i>Adjudicator</i> is :		
In the event that a first dispute is referred to adjudication, the referring Party at the same time applies to the Institution of Civil Engineers to appoint an <i>Adjudicator</i> . The application to the Institution includes a copy of this definition of the <i>Adjudicator</i> . The referring Party pays the administrative charge made by the Institution. The person appointed is also <i>Adjudicator</i> for later disputes.		

Contract Data

The *Client's* Contract Data

The interest rate on late payment is		% per complete week of delay.
Insert a rate only if a rate less than 0.5% per week of delay has been agreed.		
For any one event, the liability of the Contractor to the Client for loss of or damage to the Client's property is limited to	£100,000.00	
The Client provides this insurance	None	
Insurance Table		
Event	Cover	Cover provided until
Loss of or damage to the works	The replacement cost	The Client's certificate of Completion has been issued The defects Certificate has been issued
Loss of or damage to Equipment, Plant and Materials	The replacement cost	
The Contractor's liability for loss of or damage to property (except the works, Plant and Materials and Equipment) and for bodily injury to or death of a person (not an employee of the Contractor) arising from or in connection with the Contractor's Providing the Works	Minimum £5,000,000 in respect of every claim without limit to the number of claims	
Liability for death of or bodily injury to employees of the Contractor arising out of and in the course of their employment in connection with this contract	The amount required by the applicable law	

Failure of the <i>Contractor</i> to use the skill and care normally used by professionals providing works similar to the works		Minimum £0..... in respect of every claim without limit to the number of claims	6 years following Completion of the whole of the works or earlier termination
The <i>Adjudicator nominating body</i> is		The Institution of Civil Engineers	
The <i>tribunal</i> is		litigation in the courts	
The <i>conditions of contract</i> are the NEC4 Engineering and Construction Short Contract June 2017 and the following additional conditions			
Only enter details here if additional conditions are required.			
Z1.0	Sub-contracting		
Z1.1	The <i>Contractor</i> submits the name of each proposed subcontractor to the <i>Client</i> for acceptance. A reason for not accepting the subcontractor is that their appointment will not allow the <i>Contractor</i> to Provide the Works. The <i>Contractor</i> does not appoint a proposed subcontractor until the <i>Client</i> has accepted them.		
Z1.2	Payment to subcontractors and suppliers will be no more than 30 days from receipt of invoice.		
Z2.0	Environment Agency as a regulatory authority		
Z2.1	The Environment Agency's position as a regulatory authority and as <i>Client</i> under the contract is separate and distinct. Actions taken in one capacity are deemed not to be taken in the other.		
Z2.2	Where statutory consents must be obtained from the Environment Agency in its capacity as a regulatory authority, the <i>Contractor</i> is responsible for obtaining these and paying fees (unless stated otherwise in the Scope). The <i>Client's</i> acceptance of a tender and the <i>Client's</i> instruction or variation of the works does not constitute statutory approval or consent.		
Z2.3	An action by the Environment Agency as regulatory authority is not in its capacity as <i>Client</i> and is not a compensation event.		
Z3.0	Confidentiality & Publicity		
Z3.1	The <i>Contractor</i> may publicise the works only with the <i>Client's</i> written agreement.		
Z4.0	Correctness of Site Information		
Z4.1	Site Information about the ground, subsoil, ducts, cables, pipes and structures is provided in good faith by the <i>Client</i> but is not warranted correct. The <i>Contractor</i> checks the correctness of any such Site Information they rely on for the purpose of Providing the Works.		
Z5.0	The Contracts (Rights of Third Parties) Act 1999		
Z5.1	For the purposes of the Contracts (Rights of Third Parties) Act 1999, nothing in this contract confers or purports to confer on a third party any benefit or any right to enforce a term of this contract.		
Z6.0	Design		
Z6.1	Where design is undertaken, it is the obligation of the <i>Contractor</i> to ensure the use of skill and care normally used by professionals providing similar design services.		
Z6.2	The <i>Contractor</i> designs the parts of the works which the Scope states they are to design.		
Z6.3	The <i>Contractor</i> submits the particulars of their design as the Scope requires to the <i>Client</i> for acceptance. A reason for not accepting the <i>Contractor's</i> design is that it does not comply with either the Scope or the applicable law. The <i>Contractor</i> does not proceed with the relevant work until the <i>Client</i> has accepted this design.		
Z6.4	The <i>Contractor</i> may submit their design for acceptance in parts if the design of each part can be assessed fully.		
Z7.0	Change to Compensation Events		
Z7.1	Delete the text of Clause 60.1(11) and replace by:		

	<p>The <i>works</i> are affected by any one of the following events</p> <ul style="list-style-type: none"> • War, civil war, rebellion revolution, insurrection, military or usurped power • Strikes, riots and civil commotion not confined to the employees of the <i>Contractor</i> and sub-contractors • Ionising radiation or radioactive contamination from nuclear fuel or nuclear waste resulting from the combustion of nuclear fuel • Radioactive, toxic, explosive or other hazardous properties of an explosive nuclear device • Natural disaster • Fire and explosion • Impact by aircraft or other device or thing dropped from them
Z8.0	Framework Agreement
Z8.1	The <i>Contractor</i> shall ensure at all times during this contract it complies with all the obligations and conditions of the Framework Agreement made with the <i>Client</i> .
Z9.0	Termination
Z9.1	<p>Delete the text of Clause 92.3 and replace with:</p> <p>If the <i>Contractor</i> terminates for Reason 1 or 6, the amount due on termination also includes 5% of any excess of a forecast of the amount due at Completion had there been no termination over the amount due on termination assessed as for normal payments.</p>
Z10.0	Data Protection
Z10.1	The requirements of the Data Protection Schedule shall be incorporated into this contract
Z11.0	Liabilities and Insurance
Z11.1	Civil data protection claims and regulatory fines for breaches of Data Protection Legislation are excluded from any limit of liability stated.
Z12.0	Packaging
Z12.1	For contracts containing packages of projects the <i>Client's</i> Contract Data, Scope and Site Information particular to an individual project is contained within its Site Specific Pack
Z30.0	<p>Material Price Volatility</p> <p>The Client recognises the ongoing pricing uncertainty in relation to materials for the period from 1 July 2021 to 30 June 2023 the Client will mitigate this additional cost through this clause. Payment is made per assessment based upon a general average material proportion within assessments, calculated at 40%.</p>
Z30.1	<p>Defined terms</p> <p>a) The Latest Index (L) is the latest index as issued by the <i>Client</i>. The L, which is at the discretion of the <i>Client</i>, is based upon the issued consumer price index ((CPI) based upon the 12-month rate) before the date of assessment of an amount due.</p> <p>b) The Price Volatility Provision (PVP) at each date of assessment of an amount due is the total of the Material Factor as defined below multiplied by L for the index linked to it.</p> <p>c) Material Factor (MF) 40% is used, based on a general average material proportion across our programme. The volatility provision is only associated with material element. No volatility provision is applicable to any other component of costs.</p>
Z30.2	<p>Price Volatility Provision</p> <p>Through a Compensation Event the <i>Client</i> shall pay the PVP. PVP is calculated as:</p> $\text{Assessment} \times \text{MF} \times \text{L} = \text{PVP}$ <p>If an index is changed after it has been used in calculating a PVP, the calculation is not changed and remains based upon the rate issued by the <i>Client</i>. The PVP calculated at the last assessment before 30 June 2023 is used for calculating the price increase after that date.</p>
Z30.3	<p>Price Increase</p> <p>Each time the amount due is assessed, an amount for price increase is added to the total of the Prices which is the change in the Price for Work Done to Date for the materials component only (and the</p>

corresponding proportion) since the last assessment of the amount due multiplied PVP for the date of the current assessment.

Z30.4 Compensation Events

The *Contractor* shall submit a compensation event for the PVP on a monthly basis (where applicable) capturing Defined Cost only for the PWDD increase in month. Forecasted costs should only be considered for the June 2023 period compensation event.

Assessment Date	Defined Cost?	Forecasted Cost?
31 st Jul 21	In period costs only	No
31 st Aug 21	In period costs only	No
30 th Sept 21	In period costs only	No
31 st Oct 21	In period costs only	No
30 th Nov 21	In period costs only	No
31 st Dec 21	In period costs only	No
31 st Jan 22	In period costs only	No
28 th Feb 22	In period costs only	No
31 st Mar 22	In period costs only	No
30 th Apr 22	In period costs only	No
31 st May 22	In period costs only	No
30 th Jun 22	In period costs only	No
31 st Jul 22	In period costs only	No
31 st Aug 22	In period costs only	No
30 th Sept 22	In period costs only	No
31 st Oct 22	In period costs only	No
30 th Nov 22	In period costs only	No
31 st Dec 22	In period costs only	No
31 st Jan 23	In period costs only	No
28 th Feb 23	In period costs only	No
31 st Mar 23	In period costs only	No
30 th Apr 23	In period costs only	No
31 st May 23	In period costs only	No
30 th Jun 23	In period costs only	Forecasted costs for remainder of contract

The Defined Cost for compensation events is assessed using

- the Defined Cost at base date levels for amounts calculated from rates stated in the Contract Data for People and Equipment and
- the Defined Cost current at the date the compensation event was notified, adjusted to the base date by 1+PVP for the last assessment of the amount due before that date, for other amounts.

Contract Data

The *Contractor's* Contract Data

	The <i>Contractor</i> is	
Name	Amalgamated Construction Ltd	
Address for communications	Whaley Road, Barugh, Barnsley, South Yorkshire, S75 1HT	
Address for electronic communications	[REDACTED]	
The <i>fee</i> percentage is		[REDACTED]
The <i>people rates</i> are		
category of person	unit	rate
Project Manager		As Operational Framework
Quantity Surveyor		As Operational Framework
General Foreman		As Operational Framework
The <i>published list of Equipment</i> is		CECA
The <i>percentage for adjustment for Equipment</i> is		[REDACTED]

Contract Data

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

The *Contractor* offers to Provide the Works in accordance with these *conditions of contract* for an amount to be determined in accordance with these *conditions of contract*. **Please also refer to tender assumptions included in our covering letter dated August 12th 2022.**

The offered total of the Prices is £392,714

Enter the total of the Prices from the Price List.

Signed on behalf of the *Contractor*

Name

Position

Signature

Date 06.10.22

The *Client* accepts the *Contractor's* Offer to Provide the Works

Signed on behalf of the *Client*

Name

Position

Signature

Date 6th October 2022

Price List

Entries in the first four columns in this Price List are made either by the *Client* or the tenderer.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tenderer enters the amount in the Price Column only: the Unit, Quantity and rate columns being left blank.

If the *Contractor* is to be paid an amount for the item of work which is the rate for the work multiplied by the quantity completed, the tenderer enters the rate which is then multiplied by the expected quantity to produce the Price, which is also entered.

Please see spreadsheet "2022-2023 - Pricing Template - v1"

Item Number	Description	Unit	Quantity	Rate	Price
				The total of the Prices	
				£392,714	

The method and rules used to compile the Price List are

2022-2023 - Pricing Template - v1

Civil Engineering Standard Method of Measurement 4th edition (CESMM4) as per the Framework Price Workbook.

Lot 1A Appendix A1a: Specification Supplementary clauses for culvert works.

677_15 SHEW code of practice.

Sample CCTV Inspection Report.

Prices to include but not limited to, supply and disposal of sediment traps, all project management costs, the production of CCTV reports and video footage, traffic management as required, welfare provisions as required

Scope

The Scope should be a complete and precise statement of the *Client's* requirements. If it is incomplete or imprecise there is a risk that the *Contractor* will interpret it differently from the *Client's* intention

1. Description of the works

Give a detailed description of what the *Contractor* is required to do and of any work the *Contractor* is to design.

The *Contractor* is to undertake complete CCTV culvert inspections of all culvert sites listed (culvert information and locations maps are provided). Culverts vary in size and location and will include both fluvial and fluvial/tidal sites.

The *Contractor* shall prepare a Construction Phase Plan(s) (CPP) to cover CCTV inspection work and 'complex' culvert jetting/de-silting, de-watering, over pumping, or root cutting sites. Where appropriate, temporary works design, Buildability Statement, RAG list and Designers Risk Assessment must also be completed. This must be submitted to the Principal Designer or *Client* CDM Advisor as early as practical but at least a minimum of 10 working days prior to the planned start of any construction phase (including advanced works, site investigation or other construction activities).

The *Contractor* shall complete Generic Risk Assessments and Method Statements (RAMS) to cover all elements of CCTV inspection work. The *Contractor* shall complete site specific RAMS for any NC3 and NC4 entry, work involving traffic management, culvert jetting/de-silting, de-watering, over pumping, or root cutting sites. These must be submitted to the Principal Designer or *Client* CDM Advisor as early as practical but at least a minimum of 10 working days prior to the planned start of any construction phase (including advanced works, site investigation or other construction activities). The *Contractor* shall undertake pre-survey site visits post contract to award to develop site specific RAMS and CPP.

An assumed quantity of sediment is assumed in the '2022-2023 - Pricing Template - v1'; however, the *Client* understands there may be variance from this figure. No additional sediment should be removed from culverts without prior written agreement with the *Client*. For the purposes of pricing please assume the silt is inert. Silt testing is required for all jetting/cleaning sites. If the silt testing provides a result that is not inert then prior written agreement from the *Client* is required before the silt can be removed. Additional disposal costs for contaminated silt will be dealt with by compensation events. The *Contractor* is to provide and dispose of appropriate sediment traps for each site. To reduce the risk of cross contamination the *Contractor* is to wash down all vehicles and equipment between jetting sites.

Upon completion of works the *Contractor* will supply a detailed CCTV inspection report and video footage of the survey. The document 'Sample CCTV Inspection Report' shows an example of the minimum expected quality and content of the required reports. The *Contractor* will provide an example report to the *Client* which will be reviewed by the *Client*, before work starts on preparing the reports.

The *Contractor* will apply for necessary road closures and arrange traffic management as required on a site-by-site basis.

The *Contractor* will measure and report invert and soffit levels in mAOD where the information is available from previous reports and for sites that have been identified as requiring GPS surveys. For a list of sites requiring GPS surveys please refer to the '2022-2023 - Pricing Template - v1'. Culvert diameters at the inlet and outlet must be measured and reported.

The *Contractor* is responsible for applying for and abiding by environmental permits as required. For pricing purposes, Flood Risk Activity Permits (FRAPs) are assumed not to be necessary for this contract, but if the *Contractor's* proposed method of working requires one, the cost will be managed by a compensation event. It is the

Contractor's responsibility to apply for all FRAPs or register for FRAP exemptions. Please refer to document 'FRAP clarification for culvert cctv inspection jetting and de-watering'. All work must abide by the Environmental Action Plan provided in the Pre-Construction Information.

Site visits to a small number of pre-selected CCTV only and complex culvert sites will be completed with the EA and *Contractors* in advance of the tender submission date. Please note that not all complex culvert sites will be seen during these visits, and it's therefore recommended that *Contractors* should conduct independent visits to all remaining complex sites prior to tender submission, to enable an appropriate survey method to be identified and accurately priced. The information contained within the '2022-2023 - Pricing Template - v1' provides culvert dimension information and specifies the required work that should be priced for each site. Post contract award pre-surveys will be required for each site to assist with completing the CPP and RAMS and to raise any early warnings etc.

Where access is known to be problematic and for any jetting/cleaning and de-watering activities the *Client* will liaise with the appropriate landowners and issue a Notice of Entry where required, in some instances a specific survey date(s) may need to be agreed between the *Client* and landowners/homeowners. For all other sites it's not practical for the *Client* to seek permissions to access land, due to the number of sites and the multiple locations that may be required to facilitate a survey. The *Contractor* is therefore expected to seek permissions on the day(s) of the survey from private landowners. The *Client* will provide an Environment Agency headed covering letter that the *Contractor* can present if required.

In the event the *Contractor* having issues accessing the culvert, only being able to complete a partial survey or having concerns regarding the structural integrity of the pipe, they must inform the *Client* immediately to discuss if any short-term remedial action can be undertaken to facilitate the inspection. If the survey cannot be attempted, the *Contractor* must notify an Early Warning to the *Client* detailing the reasons why the survey could not be attempted (including photographic evidence) along with recommendations of the additional work required to facilitate a successful survey.

For sites where the *Contractor* is not able to undertake the *works* for reasons that could not have been reasonably foreseen from the information provided, the *Contractor* shall notify a compensation event and submit a quotation limited to ¼ day rate to cover this visit. Where this occurs for sites identified as 'complex', the *Contractor* shall notify a compensation event and submit a quotation to include all costs incurred from the aborted work. For heightened water levels this would also apply except where directly attributable to the weather. If the *Contractor* abandons a survey due to unfavourable tides, a compensation event will not be accepted.

The *Contractor* is to send the *Client* weekly updates of work completed and an updated programme monthly.

All inspection and clearance work are to be completed, and survey reports received by the *Client*, by 31st March 2023.

The *Contractor* is to abide by the following documents: Civil Engineering Standard Method of Measurement 4th edition (CESMM4) as per the Framework Price Workbook, Lot 1A Appendix A1a: Specification Supplementary clauses for culvert works and 677_15 SHEW code of practice.

2. Drawings

List the drawings that apply to the contract.

Drawing Number	Revision	Title

3. Specifications

List the specifications which apply to the contract.

Title	Date or Revision	Tick if publicly available

Lot 1A Appendix A1a: Specification Supplementary clauses for culvert works	18/04/2019	No
Civil Engineering Specification for the Water Industry, 7th Edition	March 2011	Yes
SHEW CoP	June 2022	No

4. Constraints on how the *Contractor* Provides the Works

State any constraints on the sequence and timing of work and on the methods and conduct of work including the requirements for any work by the *Client*.

The *Contractor* is to prepare, for the *Client's* acceptance, the Construction Phase Plan (CPP) and the Environmental Action Plan (EAP) prior to starting the works.

The *Contractor* shall not commence any work on the site until the *Client*, or their representative, has accepted the method statements and risk assessments related to this contract.

All confined space entries must be assessed by the *Contractor*. The *Contractor* must undertake all confined entry in compliance with appropriate Confined Space safe system of work for the National Category of Confined Space (NC1 to NC4). The *Contractor* will be operating under their own confined space permits for all man-entry work.

For CCTV/ROV sites an 'EA Permission to work document' will be issued to cover all culvert CCTV sites across SSD (the *Contractor* must not start on site without this document). In addition to this:

- If an NC1 or NC2 entry is required, the *Client's* Project Manager must be contacted prior to entry if the culvert can be subject to sudden changes in water level. Refer to 'SSD culvert inspection programme - 2022-2023 - Culvert site information' document in PCI.
- For NC3 and NC4 entry, site specific RAMS will need to be submitted to the PD and *Client's* Project Manager. After acceptance of suitable RAMS by the CDM Client (or their representative), a site specific 'EA permission to work document' will then be completed and issued to the *Contractor*. Work cannot proceed until this has been received.

For any culvert jetting, de-watering, over pumping, de-silting or root cutting work, site specific RAMS will need to be submitted to the *Client's* Project Manager. After acceptance of suitable RAMS by the CDM Client (or their representative), a site specific 'EA permission to work document' will then be completed and issued to the *Contractor*. Work cannot proceed until this has been received.

Working times

The *Contractor* will be permitted to work between 08:00am and 6.00pm on weekdays (Monday to Friday).

Surveys must be conducted at low tide for any tidally influenced sites. This is applicable for any site classified with a Protection Type of 'Coastal', 'Tidal' or 'Fluvial Tidal'. Please refer to 'Column M - Protection Type' and 'Column R - Tide table information' in the PCI Appendix 1 document 'Culvert site information'

5. Requirements for the programme

State whether a programme is required and, if it is, state what form it is to be in, what information is to be shown on it, when it is to be submitted and when it is to be updated.

State what the use of the *works* is intended to be at their Completion as defined in clause 11.2(1).

The *Contractor* submits their first programme with the *Contractor's* Offer for acceptance by the 10th of every month. The *Contractor* shows on each programme submitted for acceptance (every four weeks)

- the *starting date* and Completion Date,
- planned Completion
- the order and timing of the operations which the *Contractor* plans to do in order to Provide the Works, • the order and timing of the work of the *Client* and others as last agreed with them by the *Contractor* or, if not so agreed, as stated in the Scope,
- the dates when the *Contractor* plans to complete other work needed to allow the *Client* and others to do their work,
- provisions for float, time risk allowances, health and safety requirements and the procedures set out in the contract,
- the dates when, in order to Provide the Works in accordance with the programme, acceptances, Plant and Materials and other things to be provided by the *Client* and information from others,
- for each operation, a statement of how the *Contractor* plans to do the work identifying the principal Equipment and other resources which will be used
- other information which the Scope requires the *Contractor* to show on a programme submitted for acceptance. A programme issued for acceptance is in the form stated in the Scope.

Within two weeks of the *Contractor* submitting a programme for acceptance, the *Client* notifies the *Contractor* of the acceptance of the programme or the reasons for not accepting it. A reason for not accepting a programme is that

- the *Contractor's* plans which it shows are not practicable,
- it does not show the information which the contract requires, it does not represent the *Contractor's* plans realistically or
- it does not comply with the Scope. If the *Client* does not notify acceptance or non-acceptance within the time allowed, the *Contractor* may notify the *Client* of that failure. If the failure continues for a further one week after the *Contractor's* notification, it is treated as acceptance by the *Client* of the programme.

The *Contractor* shows on each revised programme

- the actual progress achieved on each operation and its effect upon the timing of the remaining work, • how the *Contractor* plans to deal with any delays and to correct notified Defects and
- any other changes which the *Contractor* proposes to make to the accepted programme

The *Contractor* submits a revised programme to the *Client* for acceptance

- within the *period for reply* after the *Client* has instructed the *Contractor* to,
- when the *Contractor* chooses to and, in any case,
- at no longer interval than the interval stated in the Contract Data from the *starting date* until Completion of the whole of the *works*

6. Services and other things provided by the *Client*

Describe what the *Client* will provide, such as services (including water and electricity) and “free issue” Plant and Materials and equipment.



Item	Date by which it will be provided
Vegetation clearance work at identified sites.	Dependent upon the <i>Contractors</i> programme

Where access is known to be problematic and for any jetting/cleaning and de-watering activities the <i>Client</i> will liaise with the appropriate landowners and issue a Notice of Entry where required. For all other sites it's not practical for the <i>Client</i> to seek permissions to access land, due to the number of sites and the multiple locations that may be required to facilitate a survey. The <i>Contractor</i> is therefore expected to seek permissions on the day(s) of the survey from private landowners. The <i>Client</i> will provide an Environment Agency headed covering letter (with <i>Client's</i> Project Manager contact details) that the <i>Contractor</i> can present if required.	Dependent upon the <i>Contractors</i> programme
Service searches are provided for all sites where jetting work is likely.	In PCI, as part of tender pack.

Site Information








PCI Document (DRAFT) and site specific culvert information:

Name

-  SSD culvert inspection programme - 2022-2023 - PCI - v2
-  Culvert site information






PCI Appendix 1 - Location Maps - Sharefile link:

Name

-  Location Maps Adur
-  Location Maps Arun
-  Location Maps Chichester
-  Location Maps East Hants
-  Location Maps Ouse
-  Location Maps Pevensey
-  Location Maps West Hants

PCI Appendix 1 - Environmental Action Plan - Sharefile link:



Name

-  678_14_SD01 - De-silting Risk Matrix
-  CIRIA Toolbox Talk - Bats
-  EA SSD Area - Mitigation measures for culvert jetting and de-silting - v5
-  EAP - SSD Culvert CCTV surveys
-  EAP - SSD Culvert jetting desilting and de-watering

PCI Appendix 1 - FRAP guidance for culvert works - Sharefile link:

[REDACTED]




Name

-  FRAP clarification for culvert cctv inspection jetting and de-watering
-  FRAP clarification for culvert cctv inspection jetting and de-watering

PCI Appendix 1 - ELENS - Sharefile link:

[REDACTED]




Name

-  Elen 024 high pressure jet in watercourses causes silt pollution
-  Elen 032 fish trapped in pump during dewatering for culvert inspection
-  Elen 56 reducing water levels during construction

PCI Appendix 1 - Previous culvert CCTV reports (where available) - Sharefile link:

[REDACTED]

Name

-  CCTV reports Chichester
-  CCTV reports East Hants
-  CCTV reports West Hants

Ouse and Pevensey CCTV reports to follow






PCI Appendix 1 - Services searches (jetting sites only) - Sharefile link:

Service searches to follow

PCI Appendix 1 - Standard documents: Sharefile link:

[REDACTED]


Name

-  LIT 12507 - Safety, health and environment (SHE) handbook for managing capital projects (1)
-  LIT 12513 - Works information method statements and health and safety (3)
-  LIT 12516 - Buried services survey specification (1)
-  LIT 12522 - Reporting incidents at contractors_ sites (1)
-  LIT 16559 - Safety, Health, Environment and Wellbeing (SHEW) Code of Practice (1)

PCI Appendix 1 – Sample CCTV Inspection Report

[REDACTED]

Name

-  07427N2110302R04 - EH11 - Final Report

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Proposed sub-contractors

	Name and address of proposed subcontractor	Nature and extent of work
1.	OnSite Central Ltd 89 Blackpole West Blackpole Worcester WR3 8TJ	Culvert Inspection Surveys
2.	Form of Contract:	
3.	Form of Contract:	
4.	Form of Contract:	