NEC4 Engineering and Construction

Short Contract

FCRM O	perational	Framework	- SW Hub
	perational	I Talliework	- 344 Hub

A contract between	The Environment Agency Horizon House Deanery Road Bristol BS1 5AH
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And	
For	Wessex Eel Passage Improvements (May21)
	Contract Forms - Contract Data - The <i>Contractor's</i> Offer and <i>Client's</i> Acceptance - Price List - Scope - Site Information

Contract Data

The Client's Contract Data

	The Client is		
Name	Environment Agency		
Address for communications	The Environment Agency		
	Horizon House		
	Deanery Road		
	Bristol		
	BS1 5AH		
Address for electronic communications			
The <i>works</i> are		e Site Specific Pack for the respective requirements are identified in this	
The <i>site</i> is	For details of each Site see individual Site Boundary Plans within respective Scope supporting documents		
The <i>starting date</i> is	12 October 2021		
The completion date is	31 March 2022		
The delay damages are	£70	Per day per site	
The <i>period</i> for reply is	2	weeks	
The defects date is	52	weeks after Completion	
The defects correction period is	4	weeks	
The assessment day is	the last working day	of each month	
The <i>retention</i> is	nil	%	

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 *Adjudicator*. The application to the Institution includes a copy of this definition of the *Adjudicator*. The referring Party pays the administrative charge made by the Institution. The person appointed is also *Adjudicator* 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 de	elay I	has been agreed.		
For any one event, the liability of the <i>Contractor</i> to the <i>Client</i> for loss of or damage to the <i>Client's</i> property is limited to	or discussion of the second				
The <i>Client</i> provides this insurance	None				
	Insurance				
Event		Co		Cover provided until	
Loss of or damage to the <i>works</i>		The	e replacement cost	The <i>Client's</i> certificate of Completion has been issued	
Loss of or damage to Equipment, Plant and	Materials	The	e replacement cost	The defects Certificate	
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		Min res with	nimum £5,000,000 in pect of every claim hout limit to the mber of claims	has been issued	
Liability for death of or bodily injury to emp <i>Contractor</i> arising out of and in the co employment in connection with this contract	ourse of their		e amount required by applicable law		
Failure of the <i>Contractor</i> to use the skill and used by professionals providing works simila		res with	himum £1,000,000 in pect of every claim hout limit to the mber of claims	6 years following Completion of the whole of the works or earlier termination	
The Adjudicator nominating body is	The Institution	n of C	Civil Engineers		
The <i>tribunal</i> is	litigation in the	e cou	ırts		
The conditions of contract are the NEC4 En following additional conditions	gineering and C	Const	truction Short Contract	June 2017 and the	
Only enter details here if additional cond	itions are requ	lired			
Z1.0 Sub-contracting					

74 4	The Contractor submits the name of each proposed subcontractor to the Client for accontance. A reason
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
Z2.0 Z2.1	The Environment Agency's position as a regulatory authority and as <i>Client</i> under the contract is separate
22.1	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 Contractor may publicise the works only with the Client's 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 Contractor 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 Contractor does not proceed with the relevant work until the Client 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	Change to Compensation Events Delete the text of Clause 60.1(11) and replace by:
	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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
	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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
Z7.1	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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
Z7.1 Z8.0	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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
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Z7.1 Z8.0 Z8.1	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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 Framework Agreement 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>.
Z7.1 Z8.0 Z8.1 Z9.0	 Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events 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-<i>Contractors</i> 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 Framework Agreement 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>.
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Z7.1 Z8.0 Z8.1 Z9.0 Z9.1	Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events • 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- <i>Contractors</i> • 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 Framework Agreement 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> . Termination Delete the text of Clause 92.3 and replace with: 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.
Z7.1 Z8.0 Z8.1 Z9.0 Z9.1 Z10.0	Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events War, civil war, rebellion revolution, insurrection, military or usurped power Strikes, riots and civil commotion not confined to the employees of the Contractor 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 Framework Agreement The Contractor shall ensure at all times during this contract it complies with all the obligations and conditions of the Framework Agreement made with the Client. Termination Delete the text of Clause 92.3 and replace with: If the Contractor 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. Data Protection
Z7.1 Z8.0 Z8.1 Z9.0 Z9.1 Z10.0 Z10.1	Delete the text of Clause 60.1(11) and replace by: The works are affected by any one of the following events War, civil war, rebellion revolution, insurrection, military or usurped power Strikes, riots and civil commotion not confined to the employees of the Contractor 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 Framework Agreement The Contractor shall ensure at all times during this contract it complies with all the obligations and conditions of the Framework Agreement made with the Client. Termination Delete the text of Clause 92.3 and replace with: If the Contractor 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. Data Protection The requirements of the Data Protection Schedule shall be incorporated into this contract
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Z12.1	3 .	• •		's Contract Data, Scope and Site Information		
742.0	particular to an individual		aned within its Sit			
Z13.0	Compensation Event Occ					
Z13.1	Amend the text of Clause 60.1 with the addition of 60.1 (13): The <i>Contractor</i> is prevented by flooding from carrying out all the work on the site for periods of time, each at least one full working day, which are in total more than one seventh of the total number of days between the starting date and the Completion Date. In assessing this event, only the working days which exceed this limit and on which work is prevented by no other cause are taken into account.					
	The flooding trigger level i Beer Wall = 4.3mA(Brean Cross = 5.0n S400 in the Brean (Hackness Sluice =	DD as read off nAOD as read Cross SSP for	Beer Wall gauge off Brean Cross S in channel workin	board Sluice upstream gauge board. (see Section ig water levels)		
Z30				Since gauge board		
Z30	Material Price Volatility					
				or the period 1 July 2021 to 30 June 2022. The after that date in which case the <i>base date</i> is		
Z30.1	Defined terms					
	a) The Base Date Index (B	B) is the latest	available consum	er price index before the base date.		
				d consumer price index before the date of		
	assessment of an amount					
			each date of ass	essment of an amount due is the total of the		
				B)/B for the index linked to it.		
	producto or edon proportio					
	Component	Proportion	PAF Impact			
		25%		_		
	People		Nil	_		
	Equipment	15%	Nil	_		
	Plant	5%	Nil			
	Materials	40%	To be adjusted			
	Subcontractors	15%	Nil			
Z30.2				g a PAF, the calculation is not changed. The 22 is used for calculating the price adjustment		
Z30.4	Prices which is the change the corresponding proport	e in the Price fe ion) since the l	or Work Done to I last assessment of	ce adjustment is added to the total of the Date for the Materials component only (and of the amount due multiplied by (PAF/ e date of the current assessment.		
700 5						
Z30.5				e to material price volatility should be raised		
∠30.5	Compensation events to a on a monthly basis (where	e applicable) ca	apturing Defined (e to material price volatility should be raised Cost only for the PWDD increase in month. 2022 period compensation event.		
∠30.5	Compensation events to a on a monthly basis (where	e applicable) ca only be conside	apturing Defined (ered for the June 2	Cost only for the PWDD increase in month.		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should on Assessment Date	e applicable) ca only be conside Defined	apturing Defined (ered for the June : I Cost?	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost?		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should on Assessment Date 31 st Jul 21	e applicable) ca only be conside Definec In period o	apturing Defined (ered for the June : d Cost? costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21	e applicable) ca only be conside Defined In period o In period o	apturing Defined (ered for the June : Cost? Costs only Costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should on Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21	e applicable) ca only be conside Defined In period o In period o	apturing Defined (ered for the June : Cost? Costs only Costs only Costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21	e applicable) ca only be conside Defined In period o In period o In period o	apturing Defined (ered for the June : Costs only costs only costs only costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21 30 th Nov 21	e applicable) ca only be conside Defined In period o In period o In period o In period o	apturing Defined (ered for the June 2 d Cost? costs only costs only costs only costs only costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21 30 th Nov 21 31 st Dec 21	e applicable) ca only be conside <u>Definec</u> In period c In period c In period c In period c In period c	apturing Defined (ered for the June : d Cost? costs only costs only costs only costs only costs only costs only costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21 31 st Dec 21 31 st Jan 22	applicable) ca only be conside <u>Definec</u> In period of In period of In period of In period of In period of In period of In period of	apturing Defined (ered for the June : d Cost? costs only costs only costs only costs only costs only costs only costs only costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No No No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21 30 th Nov 21 31 st Dec 21 31 st Jan 22 28 th Feb 22	applicable) ca only be conside <u>Definec</u> In period c In period c In period c In period c In period c In period c In period c	apturing Defined (ered for the June : costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No No No No No No		
230.5	Compensation events to a on a monthly basis (where Forecasted costs should of Assessment Date 31 st Jul 21 31 st Aug 21 30 th Sept 21 31 st Oct 21 31 st Dec 21 31 st Jan 22	applicable) ca only be conside <u>Definec</u> In period of In period of In period of In period of In period of In period of In period of	apturing Defined (ered for the June : d Cost? costs only costs only	Cost only for the PWDD increase in month. 2022 period compensation event. Forecasted Cost? No No No No No No No No		

	31 st May 22	In period costs only	No	
	30 th Jun 22	In period costs only	Forecasted costs for remainder of contract	
- the Peop - the	Defined Cost at base le and Equipment ar Defined Cost current	nd t at the date the compensat	ed using lculated from rates stated in the Contract Da on event was notified, adjusted to the <i>base</i> before that date, for other amounts.	

Contract Data

The Contractor's Contract Data

	The Contractor is				
Name	Land and Water				
	•				
Address for communications	Land and Water, Weston Yard, Albu	ry, Guildford GU5 9A			
	· · ·	* *			
Address for electronic					
communications					
The fee percentage is	As per Framework	%			
· •					
The people rates are	As per Framework				
category of person	unit	rate			
The published list of Equipment is		As per Framework			
The percentage for adjustment for I	Equipment is	As per Framework			
The percentage for adjustment for					

Contract Data

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

	e Works in accordance with these conditions of contract for an amount to be
determined in accordance with thes	e conditions of contract.
The offered total of the Prices is	C202 077 40
The offered total of the Prices is	£323,977.19 Enter the total of the Prices from the Price List.
Signed on behalf of the Contractor	
Name	
Position	Estimator
Signatura	
Signature	
D ()	04/00/04
Date	31/08/21
The Client accepts the Contractor's	Offer to Provide the Works
Signed on behalf of the Client	
Name	
Desition	Samiar Commercial Officer
Position	Senior Commercial Officer
Signature	
Date	12 October 2021
Date	

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.

			• ••		.		
Item	Description	Unit	Quantity	Rate	Price		
Number							
 Site A - Beer Wall (River Sowy) Tilting Weir The full Scope is described in Site A - Beer Wall Site Specific Packs 							
	1.1 CDM documentation for Client acceptance/ SUM 1 £1,961.25 £1,961.25						
1.1	•	30IVI	1	£1,901.25	£1,901.25		
1.2	approval (including CPP, RAMS, Temp Works) Preconstruction ecological check	SUM	1	£1,875.00	£1,875.00		
1.2	Provide a concise photographic pre-construction	SUM	1	£687.50	£1,875.00 £687.50		
1.5	condition survey report	30101	1	2007.50	2007.30		
1.4	Obtain FRAP	SUM	1	£2,347.00	£2,347.00		
1.4	Fabrication of eel pass solution	SUM	1	£2,347.00 £31,250.00			
1.5	Installation of eel pass solution	SUM	1	£65,300.86			
1.0	Provision of as constructed record i.e.	SUM	1	£687.50	£687.50		
1.7	photographic record and mark up of construction	30101	'	2007.50	2007.00		
	drawings						
1.8	Contractor input into Health and Safety File	SUM	1	£2,961.25	£2,961.25		
1.0	Provision of an eel pass Operating and	SUM	1	£2,284.50	£2,284.50		
1.5	Maintenance Manual	0011	'	22,204.00	22,204.30		
2.0	Provision of confined space health and safety	SUM	1	£15,0000	£15,0000		
2.0	requirements. To include 1 x escape set and	0011		~10,0000	~10,0000		
	additional team member(s) i.e. winch top man						
	that will be additional to the installation team as						
	identified within Item 1.6						
	Do not insert any additional lines unless formally						
	raised as a clarification						
	- Brean Cross Sluice						
	Ill Scope is described in Site B – Brean Cross Site	Specific	Packs				
2.1	CDM documentation for Client acceptance/	SUM	1	£1,961.25	£1,961.25		
	approval (including PCI, CPP, RAMS, Temp						
	works)						
2.2	Preconstruction ecological check	SUM	1	£1,875.00	£1,875.00		
2.3	Provide a concise photographic pre-construction	SUM	1	£687.50	£687.50		
	condition survey report						
2.4	Obtain FRAP	SUM	1	£2,347.00	£2,347.00		
2.5	Fabrication of eel pass solution	SUM	1	£56,250.00			
2.6	Installation of eel pass solution	SUM	1	£79,071.63	£65,300.86		
2.7	Provision of as constructed record i.e.	SUM	1	£687.50	£687.50		
	photographic record and marked up construction						
	drawings						
2.8	Contractor input into Health and Safety File	SUM	1	£2,961.25	£2,961.25		

2.9	Provision of an eel pass Operating and Maintenance Manual	SUM	1	£2,284.50	£2,284.50
3.0	Provision of confined space health and safety requirements. To include 2 x escape sets and additional team member(s) i.e. winch top men that will be additional to the installation team as identified within Item 2.6	SUM	1	£25,000.00	£25,000.00
	Do not insert any additional lines unless formally raised as a clarification				
3. Site	C - Hackness Sluice				
	full Scope is described in Site C – Hackness Sluice	Site Spe	ecific Packs	;	
3.1	Provide simple design for new fencing arrangement	SUM	1	£2,100.00	£2,100.00
3.2	CDM documentation and sign off (including PCI, CPP, RAMS)	SUM	1	£1,961.25	£1,961.25
3.3	Preconstruction ecological check	SUM	1	£1,875.00	£1,875.00
3.4	Provide a concise photographic pre-construction condition survey report	SUM	1	£687.50	£687.50
3.5	2.4m high x 1.2m wide pedestrian galvanised 'W' palisade security gate	SUM	2	£1,656.90	£1,656.90
3.6	2.4m high galvanised 'W' palisade security fencing (including posts and fixings)	m	5	£524.28	£524.28
3.7	Construction/Installation of new fencing arrangement	SUM	1	£9,340.75	£9,340.75
3.8	Provision of as constructed record i.e. photographs and as constructed drawings	SUM	1	£687.50	£687.50
3.9	Input into Health and Safety File	SUM	1	£784.50	£784.50
	Do not insert any additional lines unless formally raised as a clarification				
		I		1	I
	The t	otal of	the Prices	£323,977.19)

The method and rules used to compile the Price List are

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

Scope

1. Description of the works

The *Contractor* shall undertake fabrication and installation tasks in relation to eel passage improvements at Site A - Beer Wall (River Sowy) Tilting Weir and at Site B - Brean Cross Sluice

The *Contractor* shall also undertake light touch design and installation tasks in relation to eel pass access improvements at Site C - Hackness Sluice

There is good access to all sites, and as all construction/installation work is on an engineered structure, no ecological constraints are anticipated. However, the *Contractor* shall include in their price a cost to undertake a pre-construction ecological check to confirm negative presence of protected species.

A summary of the *Client*s requirements at each location is provided below (Table 1). The full Scope is described in Site A, B & C **Site Specific Packs.**

Sites	Summary of proposed works	
Site A- Beer Wall (River Sowy) Tilting Weir	 Contractor shall: Fabricate and install the <i>Client</i> approved detailed design for a pumped eel pass, excluding installation of control box and electrical connections Reorientation of existing fencing to enable safe working access to the eel pass system Provide a Operation and Maintenance Manual for the site once installed 	
Site B - Brean Cross Sluice	 Contractor shall: Fabricate and install the <i>Client</i> approved detailed design for a pumped eel pass, excluding installation of control box and electrical connections Provide a Operation and Maintenance Manual for the site once installed 	
Site C - Hackness Sluice	 Contractor shall: Provide a light touch palisade security fencing and access gateway design to formalise the <i>Clients</i> provided Concept Sketch, so that it is suitable for construction. Procure and install the access gate and fencing 	

NOTE - The *Client* will also undertake an early ecological check of all sites during the tender phase. The findings of the ecological check will be provided to the *Contractor* to ensure any identified ecological constraints are appropriately actioned in their environmental plan and included in the *Contractors* pre-construction ecological check and toolbox talk.

2. Drawings

List the drawings that apply to the contract.

See Site Specific Packs for details

Drawing Number

Revision Title

3. Specifications

List the specifications which apply to the contract.

Title	Date or Revision	Tick if publicly available
Environment Agency The Eel Manual - Elver and eel passes: A guide to the design and implementation of passage solutions at weirs, tidal gates and sluices.	GEHO0211BTMV- E-E	yes
Environment Agency Fish Pass Manual	GEHO 0910 BTBP-E-E	yes
Safety, Health, Environment and Wellbeing (SHEW) Code of Practice	May 2018	Yes
Civil Engineering Specification for the Water Industry (CESWI)	7th Edn	No
OI 369_13 MEICA Standard Specification	Version 5	No
369_13_SD09 - Pumps	Version 2	No
OI 13_06 Implementation of automatic control at environment agency sites	Version 2	No
OI 369 13 SD11 - Electrical installations	Version 2	No

4. Constraints on how the Contractor Provides the Works

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

The *Contractor* is to prepare, for the *Client's* acceptance, the Construction Phase Plan (CPP) and update the environmental plan prior to starting any construction work on any of the sites

No work can be undertaken until all permissions and consents have been obtained, including, but not limited to a FRAP, Habitat Regulations Assessment (HRA) consent and Site of Special Scientific Interest (SSSI) assent.

NOTE -

Where required, HRA consent and SSSI assent will be sought by the *Client* based on the *Contractors* method statement. Assuming HRA does not require an Appropriate Assessment and/or Natural England consultation, the HRA consent and SSSI assent will be provided within 2 weeks of *Client* receiving a satisfactory method statement.

Packaged works to be completed before the end of March 2022

Prior to any site works commencing, the *Client* will:

- Undertake an ecological site walkover of each site to establish any ecological constraints that may
 affect delivery of the works;
- Undertake any Habitat Regulations Assessment or SSSI assent requirement; and,
- Arrange landowner permissions to facilitate access to each site to undertake work, including areas to be used as site compound/storage. To enable the *Client* to undertake access arrangements, as part of

the *Contractor*s return the *Contractor* shall provide their approach to access, welfare and storage for each site, via a simple annotated plan.

See Z Clause 13.1 for details of the flooding compensation event trigger level for each *site* when a major flood event occurs.

Working times

The Contractor will be permitted to work between 7.30am and 6.00pm on weekdays (Monday to Friday)

5. Requirements for the programme

The *Contractor* shall submit a programme with the *Contractor*'s Offer for acceptance. In the form of a Gantt chart, the *Contractor* shows on their overarching programme the following:

- (a) Contract start
- (b) Fabrication timescales
- (c) Period required for mobilisation/ planning & post contract award
- (d) Starting date for each site
- (e) Each of the activities listed within the Price List for each site and respective duration
- (f) Any key third party interfaces: lead in periods for materials and sub-*Contractors*; time required to obtain consents/waste permits; stated constraints; *Contractor's* risks.
- (g) The critical path
- (h) The proposed order that each site will be delivered and,
- (i) The completion date (individual sites and contract completion)

NOTE

- The Contractors programme is to be reviewed and updated where required upon contract award, then
 further updated monthly and provided to the Client.
- For programming purposes the Contractor should allow a minimum 10 days for any Client / Principal Designer review.

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.

ltem	Date by which it will be provided
Services search results to inform CPP	2 weeks prior to construction start
NOTE an updated services check for each site will be provided 4 weeks prior to site mobilisation to inform the <i>Contractor</i> CPP	
Note - the above services information does not remove the Principal <i>Contractor</i> or <i>Contractor's</i> requirement to carry out safe working practices in relation to overhead and underground services.	
HRA consent and SSSI assent (where required)	Within 2 weeks of <i>Client</i> receiving satisfactory risk assessments and method statements.
Access to the site for construction	Prior to site mobilisation

Site Information

See Site A, B & C Site Specific Pack Section 300 'Site Information'

Proposed sub-Contractors				
	Name and address of proposed subcontractor	Nature and extent of work		
1.	Form of Contract:			
2.	Form of Contract:			
3.	Form of Contract:			
4.	Form of Contract:			