



Project Information

Fish Passage Assessment and Design Camel & Fowey Catchments

To be supplied to the Westcountry Rivers Trust



Date: 16 February 2018

Westcountry Rivers Trust
Rain-Charm House
Kyl Cober Parc
Stoke Climsland
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PL17 8PH

16 February 2018

Dear Sirs

Invitation To Tender

Fish Passage Assessments and Design on the Camel and Fowey Catchments 2018 - 2019

You are invited to submit a tender for the assessment and design of fish passage improvement works on a framework basis; the framework will operate until the end of 2019. The chosen contractors will undertake work on a number of structures across both the Camel and Fowey catchments in close liaison with Westcountry Rivers Trust (WRT) Project Officers.

It is anticipated that two Framework Contractors will be appointed for this work. Once work packages are identified, quotations will usually be requested from both appointed Contractors, based on a Time Charge or Work Order basis. These will be assessed using the Evaluation Criteria for the Framework Contract appointment as detailed in section 13 of the ITT.

We have completed the relevant sections of the NEC4 Framework Contract, as recommended by NEC. Please complete the 'consultant' information and return it to us, together with your tender submission which must be received by us no later than 5pm on 9 March 2018.

When making your submission, please read the instructions on tendering carefully, failure to comply with them may invalidate your application. Bids received after the deadline will be disqualified for consideration.

Please contact us should you require any further information. We look forward to receiving your submission in due course.

Yours sincerely



David Chapman

Westcountry Rivers Trust



Encs. Project Information, ITT, NEC4 Framework Contract, Standard Selection Questionnaire, WRT Biosecurity Policy

Camel and Fowey Catchments – Structures Identified to date



Current Structure list and anticipated contractor input and timescales

Structure	Catchment	Anticipated contractor input	Anticipated timescales
Dunmere Weir	Camel	Assessment, work stages 2, 3 and 4	July 18-March 2019, fish easement delivery in 2019
Glynn Weir	Fowey	Work stages 3 and 4	April-June 2018, fish easement delivery in 2018
Ashford Weir	Fowey	Work stages 3 and 4	April-June 2018, fish easement delivery in 2018
Treverbyn Weir	Fowey	Work stages 3 and 4	July 18-March 2019, fish easement delivery in 2018
Others TBC	TBC	TBC	Nov. 2018-Nov. 2019

Note: refer to RIBA plan of work below for work stage information

Ecological and Historical Assessment

All ecological assessments will be undertaken by WRT. All historical assessments will be undertaken by specialist contractors arranged by WRT. It is anticipated that, where these are need, they will be undertaken early in the design process.

Statutory Consents

Applications for all required consents will be undertaken by WRT with input from the Framework Contractor. Depending on the individual site requirements, this may include Environmental Permit, Land Drainage Consent, Planning Consent and SSSI consent. It is anticipated that, where these are need, they will be undertaken early in the design process. Early consultation with consulting authorities is underway on most of the sites identified above and is well advanced for the sites anticipated for delivery in 2018.

Quotation Procedure Work Packages

The appointed Framework Contractors will be asked to provide a quotation for each package of work as it arises based on their submitted tender rates. The scope of each package of work will comprise either/and/or a combination of the items listed in the Scope of Work below, as directed by WRT. The works for each site will be based on the work stages detailed in the RIBA Plan of Work. Each quotation will be assessed using the procedure detailed in the ITT, 13 – Evaluation Criteria.

In exceptional circumstances a work package may be given by direct award. This is only likely to be possible in circumstances where the requirements of the work package are relatively small in nature and well defined. Direct award may also be used where Most Economical Advantage Tender (MEAT) can be demonstrated without seeking competitive quotations or when necessary to meet statutory legal requirements.

Landownership and Stakeholder Consultation

Landownership/Stakeholder consultation is well advanced for the sites anticipated for delivery in 2018.

Site details of current structure list

It is yet to be determined if all or any of these sites will be addressed, to what level they will be developed and within what timescales. Sites not presently on the list may be considered although it cannot be guaranteed that any site will progressed.

Dunmere Weir – River Camel SX05192 68188

A large two stage weir situated on the lower Camel. There is an active leat off-take on the right-hand bank. Assessment and concept design not yet undertaken however, the 'Camel Vision' preferred option is the removal of this structure.



Glynn Weir - Cardinham Stream SX10741 64981

A concrete inclined plain weir with low flow notch to left hand side. The weir has a leat on the left hand that serves an ornamental pond downstream. Assessment and concept design currently being undertaken.



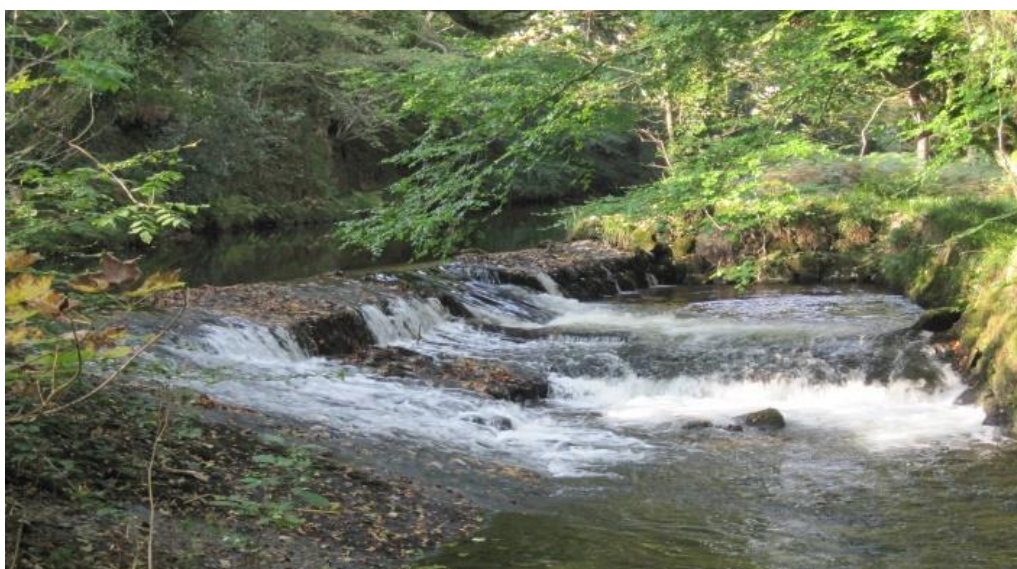
Ashford Weir – River Fowey SX20393 66495

An historic stone weir with low flow channel to the left-hand side creating a considerable impounded reach upstream. The weir supplies a redundant leat on the right-hand bank. Assessment and concept design currently being undertaken.



Treverbryn Weir – River Fowey SX20619 67681

A complex historic structure forming a change in direction with multiple sloping and near vertical faces. There is a low flow notch located approximately centrally with a holding pool on the left-hand bank. The weir supplies a redundant leat on the right-hand bank. Assessment and concept design currently being undertaken.



You are providing a tender for a Framework Contract where successful Framework Contractors will quote for discrete packages of work.

The scope of potential work includes:

- Topographical surveys.
- SNIFFER assessment.
- LowFlows/Flow Duration modelling.
- Site services checks.
- Fish passage assessment and design from Concept to full Technical Design.
- Appointed contractors will enter into an NEC4 Framework Contract with WRT to assist with the delivery of the sites detailed above and potentially others yet to be confirmed.
- The form of contract will be NEC4 Framework Contract that will run from March 2018 until December 2019.
- The winning contractors will work in close liaison with WRT Project Officers.

Background to the Services Required

It is generally accepted that fish stocks are in decline and that salmonids in the South West are no exception. It is also generally accepted that fish passage in freshwater habitats is one of the key requirements for healthy fish populations, particularly migratory salmonids.

Through the Water for Growth project we aim to achieve the best possible fish passage solutions at the sites identified as problematic for fish passage across the Camel and Fowey catchments.

Health and Safety

Appropriate risk assessments will be required for all elements of the services including site visits. Under CDM2015 a Designers Risk Assessment (DRA) will be required for all design work undertaken.

Standards and Best Practice

All services undertaken must be done so in full compliance with relevant best practice guidance including the latest versions of the Environment Agency Fish Pass Manual and the CIRIA River weirs – Design, maintenance, modification and removal. The Consultant must ensure that all elements conform to all relevant British and European Standards, and in compliance with the latest edition of the Civil Engineering Specification for the Water Industry.

Environmental Considerations

The sites and their surroundings have special considerations of an environmental and conservation nature. All actions pertaining to the services must seek to minimise all environmental impacts. Please include information illustrating any procedures you have that seek to minimise environmental impacts.

Biosecurity

All persons have to abide strictly to the attached WRT Biosecurity Policy. This seeks to minimise the risk of spreading Invasive Non Native Species (INNS) of flora and fauna.

The RIBA Plan of Work 2013 organises the process of briefing, designing, constructing, maintaining, operating and using building projects into a number of key work stages. The content of work stages may vary or overlap to suit specific project requirements. The RIBA Plan of Work 2013 should be used solely as guidance for the preparation of detailed professional services contracts and building contracts.								
	0	1	2	3	4	5	6	7
	Strategic Definition	Preparation and Brief	Concept Design	Developed Design	Technical Design	Construction	Handover and Close Out	In Use
Core Objectives	Identify client's Business Case and Strategic Brief and other core project requirements.	Develop Project Objectives , including Quality Objectives and Project Outcomes, Sustainability Aspirations, Project Budget , other parameters or constraints and develop the Initial Project Brief . Undertake Feasibility Studies and review of Site Information .	Prepare the Concept Design , including outline proposals for structural design, building services systems, outline specifications and preliminary Cost Information along with relevant Project Strategies in accordance with the Design Programme . Agree alterations to brief and issue Final	Prepare the Developed Design , including coordinated and updated proposals for structural design, building services systems, outline specifications, Cost Information and Project Strategies in accordance with the Design Programme .	Prepare the Technical Design in accordance with the Design Responsibility Matrix and Project Strategies to include all architectural, structural and building services information, specialist subcontractor design and specifications, in accordance with the Design Programme .	Offsite manufacturing and onsite Construction in accordance with the Construction Programme and resolution of Design Queries from site as they arise.	Handover of building and conclusion of the Building Contract .	Undertake In Use services in accordance with Schedule of Services .
Procurement	Initial considerations for assembling the project team.	Prepare Project Roles Table and Contractual Tree and continue assembling project team.	The Procurement Strategy does not fundamentally alter the progression of the design or the level of detail prepared at a given stage. However, Information Exchanges will vary depending on the selected procurement route and Building Contract . A bespoke RIBA Plan of Work 2013 will set out the specific tendering and procurement activities that will occur at each stage in relation to the chosen procurement route.			Administration of Building Contract , including regular site inspections and review of progress.	Conclude administration of the Building Contract .	
Programme	Establish the Project Programme .	Review the Project Programme .	Review the Project Programme .	The procurement route may dictate the Project Programme and may result in certain stages overlapping or being undertaken concurrently. A bespoke practice- or project-specific RIBA Plan of Work 2013 will clarify the strategic stage overlaps. The Project Programme will set out the specific stage dates and detailed programme durations.				
(Town) Planning	Pre-application discussions.	Pre-application discussions.	Planning applications are typically made using the Stage 3 output. A bespoke project- or practice-specific RIBA Plan					
Suggested Key Support Tasks	Review Feedback from previous projects.	Prepare Handover Strategy and Risk Assessments . Agree Schedule of Services, Design Responsibility Matrix and Information Exchanges and prepare Project Execution Plan including Technology and Communication Strategies and consideration of Common Standards to be used.	Prepare Sustainability Strategy, Maintenance and Operational Strategy and review Handover Strategy and Risk Assessments . Undertake third party consultations as required and any Research and Development aspects. Review and update Project Execution Plan .	Review and update Sustainability, Maintenance and Operational and Handover Strategies and Risk Assessments . Undertake third party consultations as required and conclude Research and Development aspects. Review and update Project Execution Plan , including the	Review and update Sustainability, Maintenance and Operational and Handover Strategies and Risk Assessments . Prepare and submit Building Regulations submission or any other third party submissions requiring consent. Review and update Project Execution Plan .	Review and update the Sustainability Strategy and implement the Handover Strategy , including agreement of information required for commissioning, training, handover, asset management, future monitoring and maintenance and ongoing compilation of 'As-constructed' Information. Update the Construction and	Carry out activities listed in the Handover Strategy including Feedback for use during the future life of the building or on future projects. Updating of Project Information as required.	Conclude activities listed in the Handover Strategy including Post-occupancy Evaluation , review of Project Performance, Project Outcomes and Research and Development aspects. Updating of Project Information , as required, in response to ongoing client Feedback until the end of the building's life.
Sustainability Checkpoints	Sustainability Checkpoint 0	Sustainability Checkpoint 1	Sustainability Checkpoint 2	Sustainability Checkpoint 3	Sustainability Checkpoint 4	Sustainability Checkpoint 5	Sustainability Checkpoint 6	Sustainability Checkpoint 7
Information Exchanges (at stage Completion)	The Strategic Brief .	The Initial Project Brief .	The Concept Design including outline structural and building services design, associated Project Strategies , preliminary Cost Information and Final Project Brief .	The Developed Design , including the coordinated architectural, structural and building services design and updated Cost Information .	The completed Technical Design of the project.		'As-constructed' Information.	'As-constructed' Information updated in response to ongoing client Feedback and maintenance or operational developments.
UK Government Information	Not required.	Required.	Required.	Required.	Not required.	Not required.	Required.	As required.