

# Short Contract

A contract between **Ribble Catchment Conservation Trust Ltd**  
(operating as Ribble Rivers Trust)

and .....

.....

.....

for **Construction of a Fish Pass on Primrose Lodge Mearley Brook, Clitheroe**

<b>Contents</b>	<b>Page</b>
Contract Forms	
Contract Data	2
The <i>Contractor's</i> Offer	4
The <i>Employer's</i> Acceptance	4
Price List	5
Works Information	6
Site Information	9
Conditions of Contract	CC1

Notes about this contract are printed in boxes like this one. They are not part of the contract.

# Contract Data

The *Employer* is  
Name Ribble Catchment Conservation Trust Ltd.  
Address c/o Hanson Cement, Ribblesdale Works, Clitheroe, BB& 4QF  
Telephone 01200 444 452  
E-mail address admin@ribbletrust.com

The *works* are The construction of an Alaskan A fish pass at Primrose Lodge  
The *site* is Primrose Lodge as set out in PLDSC18

The *starting date* is 13<sup>th</sup> May 2019

The *completion date* is 30<sup>th</sup> September 2019

The *period for reply* is 6 weeks.

The *defects date* is 52 weeks after Completion.

The *defect correction period* is 4 weeks.

The *delay damages* are n/a per day.

The *assessment day* is the Last working day of each month.

The *retention* is 5 %.

Does the United Kingdom Housing Grants, Construction and  
Regeneration Act (1996) apply? No

The *Adjudicator* is

Name Dispute Resolution Services,  
Address The Institution of Civil Engineers, One Great George Street,  
Westminster, LONDON SW1P 3AA.

Telephone .....

Fax .....

E-mail address .....

# Contract Data

The interest rate on late payment is 2% above the Bank of England base rate per complete week of delay.

The *Contractor* is not liable to the *Employer* for loss of or damage to the *Employer's*

property in excess of £1,000,000.00 for any one event.

The *Employer* provides this insurance The employer is not providing insurance for any aspect of the site works.

.....  
.....

The minimum amount of cover for the third insurance stated in the Insurance Table is £10,000,000.00

The minimum amount of cover for the fourth insurance stated in the Insurance Table is £5,000,000.00

The *Adjudicator nominating body* is Dispute Resolution Services, The Institution of Civil Engineers

The *tribunal* is Litigation in the civil courts

If the *tribunal* is arbitration, the arbitration procedure is N/A

The *conditions of contract* are the NEC3 Engineering and Construction Short Contract April 2013 and the following additional conditions

Z1.0 The *Contractor* submits the name of each proposed Subcontractor to the *Employer* for acceptance. A reason for not accepting the Subcontractor is that their appointment will not allow the *Contractor* to Provide the Works. The *Contractor* does not appoint a proposed Subcontractor until the *Employer* has accepted them.

Condition 60.1 (10) of the engineering and short contract is removed in its entirety and replaced by:

Z2.0 The *Contractor* is prevented by weather from carrying out all work on the *site* for periods of time, each at least one full working day, which are in total more than 50% 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.

# Contract Data

## The Contractor's Offer

The Contractor is

Name .....

Address .....

Telephone ..... Fax .....

E-mail address .....

The percentage for overheads and profit added to the Defined Cost for people is ..... %.

The percentage for overheads and profit added to other Defined Cost is ..... %.

The Contractor offers to Provide the Works in accordance with the *conditions of contract* for an amount to be determined in accordance with the *conditions of contract*.

The offered total of the Prices is .....

**Enter the total of the Prices from the Price List.**

Signed on behalf of the Contractor

Name .....

Position .....

Signature ..... Date .....

## The Employer's Acceptance

The Employer accepts the Contractor's Offer to Provide the Works

Signed on behalf of the Employer

Name .....

Position .....

Signature ..... Date .....

# Contract Data

## Price List

Item number	Description	Unit	Quantity	Rate	Price
1	Site Establishment	item	1	.....	.....
2	EIA mitigation works	item	1	.....	.....
3	Flow Diversion	item	1	.....	.....
4	Tree/Vegetation works	item	1	.....	.....
5	Inspection and remedial works design and construction for dam	item	1	.....	.....
6	Hydrological Modelling for Designs and FRA	item	1	.....	.....
7	Flood Risk Assessment	item	1	.....	.....
8	Fish Pass Construction Drawings	item	1	.....	.....
9	Supply of pre-fabricated Pass Units and Resting pools	item	1	.....	.....
10	Supply of pre-fabricated Eel Pass	item	1	.....	.....
11	Construction of Fish Pass and Eel Pass (inc pre-barrages)	item	1	.....	.....
12	Re-diversion of flow	item	1	.....	.....
13	Site de-mobilisation	item	1	.....	.....
14	Allowance for Ground Investigation	item	1	£7,500.00	£7,500.00
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....

The total of the Prices

# Contract Data

## Works Information

### 1 Description of the works

#### 1.1 General

The works are to construct an Alaskan A Fish Pass on the dam structure forming Primrose Lodge and undertaking remedial work to the dam associated with the Fish Pass construction. This is to be achieved through diversion of stream flow into an existing maintenance channel, carrying out remedial works and the construction of the fish pass. The fish pass will be part constructed in-situ and part pre-fabricated and brought to site. The contractor is expected to undertake the engineering design of the fish pass (based on and in compliance with DPLFP01 - Fish Pass General Arrangement), to produce the construction drawing to the satisfaction of the Employer, this shall include preparation of a flood risk assessment, and associated hydrological modelling as detailed in EVY0763 -Primrose Lodge Fish Passage Modelling Scope \_v3.

#### 1.2 The Employer's key success criteria for this scheme are:

- An Alaskan A Fish Pass and eels pass is constructed that accommodates fish passage for migratory salmonids and eels in line with the outline drawings provided and the Environment Agency fish pass panel approval.
- Minimum disturbance to wildlife and no negative impacts on the water quality of the Mearley Brook.
- Safe and timely completion of the proposed works.
- Minimum disturbance to the general public, local residents and businesses.
- Restoration of the site and access routes to a good standard post-works.

#### 1.3 Construction (Design and Management) regulations 2015

The project may fall under the requirements of the CDM regulations, however the need to notify the Health and Safety Executive will be reviewed once the *Contractor's* programme of works has been received. The *Client* shall assume the role of *Principal Designer* under the regulations. The *Contractor* shall assume the role of *Principal Contractor* and must provide method statements and risk assessments for each of the items on the price list.

#### 1.4 Risk Management

The whole team (Employer, Project Manager, Contractor, Supervisor, Contractor's Designer, Contractor's Sub-Contractors, and Contractor's Suppliers) should be concerned with risk management. 'Risk Management' is traditionally accepted as being most appropriate for use on "high risk" projects. However, for the Employer and the Employer's supply chain it is a relevant approach for all projects.

Traditionally Risk Management has been applied instinctively with risks remaining implicit and managed by judgement informed by experience. The Contract requires systematic risk management to help:

- Identify, assess, and prioritise risks and opportunities
- Make risks explicit
- Focus on the major risks
- Make informed decisions about the provision for adversity
- Minimise potential damage
- Maximise potential opportunities
- Clarify role of the whole team
- Minimise uncertainty on projects
- Improve decision-making
- Contribute to better briefing of the team

The Contract requires the development and maintenance of a risk register.

The transfer, mitigation, spreading, or acceptance of risks is not an abrogation on the part of any of the parties. Systematic risk management is required to ensure all parties are aware of all the risk. The occurrences of risk will damage the changes of ultimate contract success, irrespective of the fact that that risk hazard has been

transferred.

Risk Management is an ongoing management process, which will tune itself to the project situation, staff and processes. The following Risk Management Process is proposed:

- Whole Team Buy-In

The whole project team must understand the objectives and benefits of Risk Management and support its application.

- Develop a risk register

The risk register is a critical document within which a comprehensive list of significant risks are recorded, along with the benefits and adversities associated with them.

- Monitor risk continuously

The risk register provides a formal log for the whole team and the project. Risks may need to be added to or subtracted from the register as experience grows.

The whole team is to establish its own risk management processes at the risk management workshop for the scheme. The Contractor shall develop, maintain, update and report a Contract risk register.

### **1.5 Tidiness of the site**

The Contractor shall ensure that no caravans or huts are brought on to the Site for use as sleeping accommodation except as may be approved by the Project Manager. The Contractor shall ensure that all workers (except security guards) leave the Site after each day. The Contractor shall obtain all necessary approvals and permissions required for site offices and accommodation.

The Contractor shall provide such sanitary equipment as may be considered necessary for the convenience of the workforce to avoid fouling the Site or surrounding land. All sanitary equipment shall be regularly cleaned and properly maintained.

The Contractor shall instruct all persons engaged on the Site to use the sanitary equipment provided. Any person found disobeying this instruction is guilty of misconduct and may be instantly dismissed from the Site by the Supervisor.

Fires shall not be permitted.

In order to minimise the impact of the temporary works the Contractor shall clear the Site and remove all site offices and accommodation as soon as is practicable after completion of the Works.

Where existing or diverted footpaths bound or cross the site the Contractor shall ensure adequate fencing and signage are provided and maintained

### **1.6 Temporary Fencing**

As required to ensure public exclusion from the construction site.

### **1.7 Emergency Arrangements**

The contractor is to develop an Emergency Contact List and provide to the Employer. This shall include the names of at least two responsible representatives of the Contractor and the telephone numbers at which they can be contacted at all times outside normal working hours.

To ensure assistance in the event of flooding is available the Contractor must have procedures in place and agreed with the Employer before any works can take place. The procedures will ensure availability of critical personnel from the Contractor 24hrs a day and any day for the duration of the Works.

### **1.8 Fire Precautions**

The Contractor shall provide and maintain throughout the site such fire-fighting precautions as are necessary to provide a safe environment and to satisfy the requirements of the local Fire Officer and all relevant fire regulations. The Contractor shall only store petroleum spirits, within the meaning of the Petroleum Consolidation Act 1927, on the site or adjacent land with the acceptance of the Supervisor. The Contractor shall obtain the necessary licences under the aforementioned Act.

The Contractor shall ensure that his arrangements for the storage of compressed air containers conform with statutory regulations and to the requirements of the local Fire Officer.

The Contractor shall ensure that all boilers fired with coal, coke, wood or other solid fuel have efficient spark arrestors and have ash pans of approved form and type which prevent the escape of live ashes and cinders.

The Contractor shall not use any electricity, gas, or oil heaters that have exposed heating coils, elements or burners.

### **1.9 Noise and Vibrations**

The Contractor shall ensure that the 'best practicable means' as defined in the Control of Pollution Act 1994, are employed to minimise the noise and vibration resulting from his operations and shall comply with the recommendations and requirements of the following documents/standards or subsequent documents/standards.

1. Health and Safety at Work Act 1974.
2. BS 5228 Code of Practice for Noise Control on Construction and Demolition Sites.
3. Department of Employment Code of Practice for Reducing the Exposure of Employed Persons to Noise.
4. Joint Circular from the Department of the Environment (Nr 10/73) and the Welsh Office (Nr 16/73) of 19 January 1973 - Planning and Noise.
5. ISO 1994 (1971) Assessment of noise with respect to community response.

In particular the Contractor shall ensure that:

1. All vehicles, plant and machinery used during the operations shall be fitted with effective exhaust silencers and that all parts of such vehicles, plant or machinery shall be maintained in good repair and in accordance with the manufacturers' instructions, and shall be so operated so as to minimise noise emissions;
2. Only 'sound reduced' compressors or other alternatives approved by the Supervisor shall be used, and any equipment or panel fitted by the manufacturer for the purpose of the reduction of noise shall be maintained and operated so as to minimise noise;
3. Any pneumatic operated percussive tools shall be fitted with approved mufflers or silencers which shall be all kept in good repair;
4. Any machinery which is in intermittent use shall be shut down in intervening periods of non-use or where this is impractical shall be throttled back to a minimum;
5. Stationary plant, e.g. pumps, compressors, generators, shall be situated as far as possible from residential property and acoustic screens erected if required by the Supervisor. Other plant and machinery shall be screened if necessary;
6. That as far as practicable his operations shall be not so noisy as to be a danger to those on or about the works or to be a nuisance to the neighbourhood.

Without prejudice to the generality of the foregoing the "neighbourhood noise" as measured at a point 1 m from the façade of the noise sensitive buildings, as defined below, shall not exceed an equivalent continuous sound level (LEQ) of:

- a) 70 dB(a) between the hours of 08.00 and 18.00 subject to an overall maximum permitted level of 85 dB(a) LEQ for any five minute period.
- b) 50 dB(a) between the hours of 18.00 and 22.00, subject to an overall maximum permitted level of 55 d(B)a (LEQ) for any five minute period.
- c) 40 dB(a) between the hours of 22.00 and 08.00, subject to an overall maximum permitted level of 45 d(B)a (LEQ) for any five minute period.
- d) 50 dB(a) on Saturdays between the hours of 13.00 and 18.00 subject to an overall maximum permitted level of 55 dB(a) (LEQ) for any five minute period.
- e) 50 dB(a) on Sundays between the hours of 08.00 and 18.00 subject to an overall maximum permitted level of 55 dB(a) (LEQ) for any five minute period.
- f) 40 dB(a) on Sundays between the hours of 18.00 and 22.00 subject to an overall maximum permitted level of 45 dB(a) (LEQ) for any five minute period

### **1.10 Topographical Survey and Setting Out**

Existing topographical survey data of the site is shown on the Supplied Drawings (DPLDSCO1). No warranty is given as to the accuracy of the survey and the Contractor should satisfy themselves of the adequacy and



accuracy of the data.

The Contractor is to construct the works to the lines and levels indicated on the Supplied Drawings, or as agreed should the topographical data not be accurate. At the commencement of construction the Contractor shall mark out the alignment of the proposed works as indicated on the Supplied Drawings. If deemed necessary the Supervisor may then make minor adjustments to the works to suit the site conditions, with the agreement of the Project Manager.

#### **1.11 Quality Management System**

The quality management system shall be described in a Quality Plan that shall be submitted to the Employer for his acceptance.

The Quality Plan shall cover the following items:

1. Contractor's site organisation and management
2. Contractor's method statements and construction procedures
3. Contractor's construction quality control
4. Contractor's suppliers and sub contractor's details

Item 1 of the Quality Plan shall be submitted to the Employer for his acceptance not less than 7 days after the award of the Contract. The Contractor shall submit other parts of the Quality Plan prior to commencement of any related work or activity

#### **1.12 Traffic Management**

Traffic management for the public highway, if required, to be organized by the contractor

#### **1.13 Third Party permits to work**

The Contractor shall confirm the existence of any permit to work system required to be in place on any private site entered. The Contractor shall conform to any permit to work system in place on any site under private ownership. No construction activities shall be undertaken without the necessary permit.

The works shall not impede land drainage adjacent to the Works.

#### **1.14 Environmental Issues**

The Contractor shall undertake and comply with the control measures set out in the Environmental Impact Assessment, and Environmental Impact Assessment provided, the costs should be included in the Contractor's Offer, and detailed in the Price List. The contractor shall seek to further minimise the disturbance to the local communities by adopting appropriate construction methods and practices to reduce, as far as is reasonably practical, the impacts on the local people during the Works of noise, dust, severance, traffic and visual intrusion. If changes to the scheme are proposed during construction, the Contractor will complete a variation register to record details of the changes and environmental implications.

This will entail the following actions:

- Communicate as early as possible to all who need to know that a change is proposed, identifying who requested the change and why it was requested;
- Establish the environmental implications of the change;
- If adverse environmental implications are identified, consider alternative options to the proposed change;
- Notify key consultees of the change;
- Seek acceptance from the Project Manager;
- Seek approval from the authorities where consents are required;
- Issue the approved, up to date Environmental Variation Register to all appropriate personnel.

Contractors planning to use plant that has been used within another watercourse must comply with the Environment Agency guidelines for avoidance of introducing and spreading invasive species, particularly non-native crayfish, Japanese knotweed and Himalayan Balsam.

#### **1.15 Site Establishment**

The Contractor shall be responsible for the provision of all temporary fencing and gates to the working areas, to ensure the protection of equipment, materials, operatives, disturbance to adjacent land/vegetation, prevention of vandalism and public hazard. Temporary fencing and gates are to be agreed with landowners and shall also be

sufficient to discharge the Contractor's obligations under the contract and health and safety legislation. The Contractor shall provide all the necessary signs and barriers.

A formal notice of intention to commence the works will be given by the Employer, to owners and occupiers of all the land as designated by the working areas shown on the supplied drawings. The notice shall be as long as is reasonably practicable and will not normally be given less than 14 days before entry, other than in an emergency. To this effect the Contractor will be required to give the Employer 4 weeks notice of his intention to commence construction works.

All access is to be via the routes as agreed with the site owners and contractors at least 2 weeks in advance of commencement of works.

If the Contractor wishes to use any site for his compound or use additional land he shall gain approval of landowner/occupier and relevant authority and pay all associated land compensation costs.

The Contractor shall ensure that continued unhindered access is provided to the landowners and occupiers at all times. The Contractor shall obtain any additional approvals from the relevant landowners, LPA and Local Highway Authority for these points and incorporate any specific requirements as necessary. If temporary access points are not acceptable the Contractor shall at his own cost provide alternative access points.

All access routes, footpaths, working areas, site compounds, roads etc affected by the works shall be reinstated to their original state or to the requirements of the landowners/ occupiers and/or the relevant Authority.

All delivery vehicles supplying the site should be scheduled to miss the peak usage times of the surrounding roads.

Signage shall be erected in accordance with Health and Safety best practice, and also on boundary fences stating the name of the project, the activity, and displaying the Ribble Rivers Trust logo and the European Regional Development Fund Logo (complying with ESIF publicity guidance). It shall also display contact details for the contractor and Ribble Rivers Trust (including the project page).

#### **1.16 Accommodation for the Supervisor and Project Manager**

The Contractor shall provide and erect, where directed, a suitable office for the use of the Supervisor, Project Manager and their staff. The offices should be of sufficient size for the supervisor and contractor staff to carry out necessary duties during the period of works and shall be equipped as reasonably required by the Contractors Supervisor, and a desk and a chair for the Project Manager.

The location of the site office is to be confirmed, prior to letting the contract.

The Contractor shall remove the site office on completion. All items provided shall revert to the Contractor's ownership.

All offices and their contents shall be insured by the Contractor for a sufficient sum to cover damage or loss by fire or theft, and any damage or loss shall be made good by the Contractor.

The following facilities shall also be provided for the use of the Supervisor, Project Manager and their staff and should be shared with the Contractor's site supervision staff:

1. A washroom with WC and washbasin with running water and clothes rack. Clean towels, soap, toilet paper etc. shall also be provided as required. Separate facilities shall be provided for women personnel.
2. The Contractor shall provide, maintain and make available their instruments for the use of the Supervisor and his staff, and to provide support (e.g. chainman) as reasonably requested throughout the contract. The Contractor shall ensure that all survey, testing and measurement equipment is regularly checked and serviced by an approved agent and insured against loss or damage. Proof of their servicing record shall be made available to the Supervisor on request.

#### **1.17 Protective Clothing, Footwear and Safety Helmets**

The Contractor shall allow for providing all necessary protective clothing, protective footwear and safety helmets for visitors, including as a minimum the following:

1. High visibility waistcoats for visitors 2 no.
2. Hard hats for visitors 2 no.
3. Safety wellies for visitors 2 no.

#### **1.16 Progress Photographs**

The Contractor shall provide a set of digital images of each progress photograph at weekly intervals to the Supervisor. The positions and timing of the progress photographs shall clearly indicate daily progress at all active sites.

#### **1.17 Use of Part of the Works by the Employer before Completion**

Where the Employer uses any part of the works prior to completion, the Employer shall not be obliged to take over the relevant part of the works before completion has been certified.

### 1.18 Maintenance Management Plan

All maintenance requirements to be identified on as built drawings and provided to the employer (where appropriate)

### 1.19 Handover and Training

To ensure that the Employer's operations staff are fully conversant with the scheme before handover, a structured handover process is required. This shall include the maintenance management plan defined in the preceding clause. The Contractor shall submit a handover plan to the Project Manager at least six weeks prior to the anticipated completion date. This shall comprise:

- The maintenance management plan (where appropriate)
- Health and safety information
- As built drawings

### 1.20 Public Relations

The Employer will be responsible for all public relations, but the Contractor will provide support as needed, and contractor staff must conduct themselves in a suitable manner reflecting the high public usage of surrounding land during the duration of the works

### 1.21 Completion

In determining the date of Completion as set out in clause 30.2 of the conditions of contract, the Project Manager shall require, amongst other things, the following items to be completed:

- All activity completion certificates to be completed and endorsed by the Supervisor including provision of all quality assurance documentation
- All documentation such as as-built drawings, operation and maintenance manuals and health and safety file to be completed to the satisfaction of the employer.

## 2 Drawings

Drawing number	Revision	Title
DPLFP01	Rev G	Fish Pass General Arrangement

# Contract Data

## Works Information

### 3 Specifications

Title	Date or revision	Tick if publicly available
Civil Engineering Specification for The Water Industry (or more recent industry standard or best practice)	7th Edition March 2011	.....

### 4 Constraints on how the Contractor Provides the Works

**4.1 Specification** – The contractor at appropriate intervals (following completion of each revision) shall submit engineering and construction drawings for approval, and no construction work will commence until approval of the final construction drawings by the Employer. The Employer may request amendments to the designs and specification in line with achieving the desired outcomes and consents at no additional cost to the Employer from the sum stated in the Price List. The designs must ensure compliance with consents and permits, durability of the end product, and consideration for constructability and the desired outcomes.

**4.2 Pollution Prevention** - The Contractor shall comply with all relevant environmental legislation and with the Environment Agency’s “Pollution Prevention Guidelines” with specific reference to PPG 5, “Works, in near or liable to affect watercourses” and PPG 6 “ Working at Construction and Demolition Sites” (available on the Environment Agency’s website). In particular the contractor must comply with “Guidelines for Pollution Prevention on Civil Engineering Contracts”.

The contractor shall be liable for any prosecutions and costs associated with non-compliance with or breaches of legislation, including any charges in respect of pollution of controlled waters, destruction or disruption of fishing interests or local authority or private interest due to his activities

**4.3 Temporary Works** – Ribble Rivers Trust has stipulated a temporary works method to comply with and Environmental Permit application for the works associated with this contract. The contractor shall adhere to the method of works as set out in attached tender documentation. This shall be included with the Environmental Permit application that Ribble Rivers Trust will subsequently submit. Any deviation from this must be approved by the project manager, and with consent from the Environment Agency and the local Planning Authority – any costs incurred in deviating from the method of works set out in attached tender documents will be at the cost of the contractor.

**4.4 Planning Permission** – Planning permission will be secured prior to commencement of works by Ribble Rivers Trust. Any variation requiring a change to the planning permission of Environmental Permit originating from a design change or request from the contractor shall be obtained at the cost of the contractor – no increase in the contract value will be accepted.

**4.5 Access Arrangements** – Access arrangements have been obtained by Ribble Rivers Trust, any change in access requested/required by the contractor will be obtained by the contractor and the cost borne solely by the contractor – no increase in the contract value will be accepted.

**4.6 Working Hours** – The contractor is only permitted to work during Normal working hours, which are defined as: Monday to Friday between 0830 and 1800. Saturday working maybe permitted between 0900 and 1300 but only via approval from the Project Manager and sufficient notice is required by the contractor for the project manager to approve this, which may include variation to planning permissions.

Such acceptance will be influenced by the time of sunset, anticipated noise, odour and artificial light emissions from the Works, use of public roads and any other considerations that could cause disturbance to members of the public. The Contractor shall be responsible for complying with any further constraints on working hours set out in the planning approval.

**4.7 Prompt Attention to Complaints or Causes for Complaints** - The Contractor takes immediate steps to eliminate the source or cause of an event that results in, or could result in, justifiable third party claims for compensation. The Project Manager is fully informed of any such complaint and of actions taken to eliminate the cause of the complaint, or to mitigate the effects of the event.

**4.6 Third Party Agreements** - The Contractor provides the project Manager with a copy of all third party agreements that have relevance to the Contractor's obligations to provide the works.

# Contract Data

## Works Information

### 5 Requirements for the programme

The Contractor shall submit his programme as early as possible within 14 days following the award of the Contract.

The Contractor shall provide the programme of Works in the form of a bar or Gantt chart. It shall show the level of detail appropriate to each stage of the works and all activities and restraints, each of which shall be given a short title. All events shall be numbered and annotated with earliest and latest events dates.

### 6 Services and other things provided by the *Employer*

None
------

## Site Information

Information about the site, including access and knowledge of ground conditions are set out in PLFP16 - Pre-project information DPLFP01 - Fish Pass General Arrangement.