



Tender Brief for Kingshurst Brook Restoration

1. Introduction

Warwickshire Wildlife Trust (WWT) is seeking to appoint a contractor on behalf of the Tame Valley Wetlands Landscape Partnership (TVWLP) to carry out stream restoration works on the Kingshurst Brook at Meriden Park, Moorend Avenue, Chelmsley Wood, Birmingham B37 5TB. National Grid Reference: SP 17841 87316.

We are in the process of obtaining a Flood Risk Activity Permit. We expect that the permit will have conditions stipulating the use of silt curtains downstream of the project site.

Due to funding deadlines, the work must be completed by 28 February 2022. The contractor should aim to begin and complete works well in advance of this deadline. The Environment Agency have agreed for the works to take place during the salmonid spawning season as long as silt mitigation measures are in place.

You are invited to submit a detailed proposal and cost breakdown through a formal tendering process in order to deliver this project as part of the Tame Valley Wetlands Landscape Partnership Scheme (TVWLPS). If the contractor wishes to carry out a site visit, the land is open access and no special arrangements need to be made prior to the site visit.

The total available budget is **£110,000.00** (including VAT)

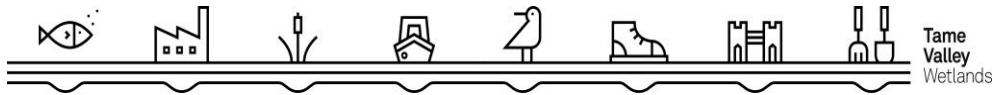
When costing the submission, the potential contractor should bear in mind that the weighing for the tender scoring is 70% cost and 30% quality.

2. Background of the project

In April 2017, Solihull Metropolitan Council began working towards a restoration scheme on the disused boating lake at Meriden Park (former lake). The lake was formed by placing a large weir on the Kingshurst Brook (the brook). It was full of silt and was causing a nuisance to the residents as it was dangerous and also produced a foul smell of Hydrogen sulfide.

Phase 1 of the works was completed in 2019. As permitted under FRAP TB3654UW. The channel is now narrower and the silt used to build up the wet bench areas is very well consolidated with riparian vegetation, brush faggots and posts. The resulting stream bed/former lake is still not narrow enough to prevent excessive silt deposition in the former lake. The upstream section is functioning fairly well as a brook channel, the downstream section is still too wide and deep and is still an area of deposition and low oxygen. It is evident that the site would benefit from further Phase 2 works to get the channel dimension close to its natural form.

Funding has been secured for these works by Tame Valley Wetlands partnership (TVW). This project is funded by the Government's Green Recovery Challenge Fund. The fund was developed by Defra and its Arm's-Length Bodies. It is being delivered by The National Lottery Heritage Fund in partnership with Natural England, the Environment Agency and Forestry Commission. The funding



allows for ongoing commitment from TVW to the Love Your River Cole (LYRiC) project. Phase 2 has been developed through collaboration with Solihull Metropolitan Borough Council (SMBC). TVW have SMBC's full agreement for the works and a close collaboration with the ecology and landscape team. The second phase of the works will result in a well-functioning stream channel and the former boating lake becoming a wide selection of habitat types. It will also greatly improve the amenity value of this section of the Kingshurst Brook.

3. Project Definition and Requirements

In summary, the successful contractor will be required to carry out the following as part of the contract **(please review the construction phase design plan and supporting documents for the detailed project information, as listed in Section 4):**

- ✓ Meet all Health and Safety requirements as outlined in the Design and Access Statement – i.e. supply the appropriate Risk Assessments, Policies, method statements (all updated to reflect awareness of the risks associated with COVID-19) and evidence of valid Public Liability Insurance of at least £2,000,000.
- ✓ Contractor must be insured for working in and near water.
- ✓ Follow the specifications and procedures as set out in the Method Statement and Risk Assessment. The contractor must be aware of all environmental issues highlighted and carry out their work with due regard to the river ecosystem and habitats, including all protected species.
- ✓ Set up a secure site compound (as outlined in the Design and Access Statement) and show awareness of the security aspects of the project.
- ✓ Provide fencing for access route and compound as the project area is public access.
- ✓ Provide adequate banksmen to coordinate vehicle movements.
- ✓ CAT Scan for services. LSBUD services check done during Phase 1 works 2 years ago.
- ✓ Adhere as closely as possible to design drawings supplied by the project officer.
- ✓ Carry out tree works to enable machinery to get close enough to the water edge to carry out required tasks.
- ✓ Tree works logs to be used on site for woody debris. Brushwood to be bound into bundles and added to the wet bench edge and also to create some habitat piles on site.
- ✓ Remove 120m of plastic sheet piling (remaining from Phase 1) on right hand bank. This sheet piling is only set into approx. 0.5m of soft sediment, it is being held up with fencing posts currently. Sheet piling and old fencing posts to be removed off site and disposed of in appropriate manner.
- ✓ In the place of the sheet piling, install a 120m line of brushwood faggots. 3x0.3m diameter brushwood faggots to be placed on top of one another to create a 0.9m high barrier. Brushwood faggots to be secured with sweet chestnut posts to be placed at approx. 1m centers.
- ✓ Install approx. 160m line of brushwood faggots to left hand bank. 3x0.3m diameter brushwood faggots to be placed on top of one another to create a 0.9m high barrier. Brushwood faggots to be secured with sweet chestnut posts to be placed at approx. 1m centers. The aim of this is to contract the channel width to 3-5m. Width should vary along the length of the project area. Total wet bench area should be approximately 345m²

- ✓ Install 8 no. 6m sections of double row sweet chestnut stakes with brushwood faggots at right angles to wet bench edge to provide stability for infill material as per plan view design drawing.
- ✓ Approx. 42 tonnes of clean river gravel to be placed within the restored channel to raise the bed level at an interval of approximately 20-30m to create a pool and riffle sequence throughout the restored reach and to provide areas of clean gravel for rheophilic fish to spawn.
- ✓ Approx. 300 tonnes of clean river gravel to be placed behind the brushwood barrier to a depth of approximately 0.5m to create a wet bench area. Some vegetation from the well-established wetland on opposite bank can be scooped with an excavator also be placed here to facilitate the habitat creation.
- ✓ Hinge 6x willows currently growing on right hand bank. These are to be secured with sweet chestnuts posts.
- ✓ Remove excess cobbles from notched section of weir to improve fish passage potential.
- ✓ Place the removed cobbles at the upstream end the project area to create a ramp where there is currently a 0.5m drop from an under bridge culvert to improve fish passage potential.
- ✓ Install 5x V shaped flow deflectors using site won logs.
- ✓ Contractor to procure and obtain necessary materials for the above including:
 - 342 tonnes of quarried, washed mixed river gravel.
 - 400x 1.5m long sweet chestnut stakes (can be cleft or round).
 - 400x 1.8m long sweet chestnut stakes (can be cleft or round).
 - 500x 0.3m diameter, 2m long brushwood faggots.
 - Silt curtain to be placed immediately downstream of the weir.
 - Additional contingency silt curtain to be available on site.
 - Fixings required to secure the brushwood to posts such as wire, staples, rope etc.
 - Ground protection matting to protect areas where machinery will be crossing amenity paths or particularly wet ground.
- ✓ Check levels of wet bench works and submit to project officer.
- ✓ Reinstate and level off any rutting and damaged ground. Seed with appropriate amenity grass mix.
- ✓ Be present on site for post works inspection by project officer and SMBC staff.

We envisage that the work will be mostly carried out using a long reach excavator and/or a floating pontoon platform with suitable machinery installed for smaller hard to reach tasks. We leave the exact method of works and machinery to be used to the discretion of the contractor. If a pontoon platform is used it must be removed from the water and stored in the secure site compound overnight.

The Tame Valley Wetlands are in the process of obtaining necessary Flood Risk Activity Permit from the Environment Agency for these works. The Flood Risk Activity Permit will be issued before the contract is awarded.

If any of the permit conditions change the nature of the work required, the successful contractor will be informed and there will be scope to alter the contract prior to sign off if needed. This is unlikely as the conditions of the permit have been discussed with the Environment Agency already and have been taken into account when the tender brief was written.



What the contractor will **not** be required to do (the responsible organisation is written in brackets):

- × Apply for Flood Risk Activity Permit (Warwickshire Wildlife Trust and Tame Valley Wetlands).
- × Carry out the required habitat works prior to the landscaping works taking place (Warwickshire Wildlife Trust and Tame Valley Wetlands).
- × Supply the Ecological Clerk of Works (a suitably qualified member of staff from Warwickshire Wildlife Trust will carry out this work).
- × Seek landowner consent (Landowner has already given permission for the works).

4. Supporting Documents

The documents listed below are available from the TVW Project Officer. Please request these via email if you wish to submit a tender proposal bid. The documents should be used in conjunction with this Brief in order to inform the tender submitted.

- Scheme Drawings and Maps
- Risk Assessment and Management System
- Landowner Agreement
- SMBC Meriden Lake management plan (This contains details of the works done during Phase 1)
- Method Statement (as submitted to the Environment Agency)
- FRAP obtained for Phase 1 works

**Please note that we also have documents from initial Phase 1 design work and surveys done by a consultancy for SMBC if you require these for further information.

5. Procurement Process

This contract is being tendered via Warwickshire Wildlife Trust.

All contractors seeking to tender may contact the Project Officer to seek clarification on any points within this Brief prior to submitting their tender. Contractors must not directly discuss this project with any other member of staff from Warwickshire Wildlife Trust.

The successful contractor will be selected on the basis of their written response to the brief. Submissions will be assessed on the basis set out in the following sections.

Below is an indicative timetable for the appointment of the contractor and the completion of the works (please note that this may be subject to change due to the ongoing COVID pandemic, weather conditions and Flood Risk Activity Permit conditions):

Milestone	Date
Brief issued	01/09/2021
Deadline for submission of quotes / tenders	23/09/2021
Appointment of contractor	27/09/2021
Submission of documents including signed contracts	29/09/2021
Commencement of works	TBC

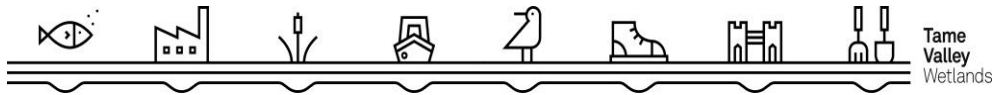
6. Submission Requirements

Contractors wishing to quote for this work are asked to provide the following as two separate documents:

- **Document A (quality assessment).** The format of this document is left to the discretion of the contractor but it should be no longer than 20 A4 pages and should include the following:
 - A description of the suggested approach to the works, highlighting key issues, proposed methodology and risks.
 - The roles and responsibilities of the contractor and the contractor team.
 - Health and Safety Policies – to cover all aspects of large-scale landscaping works, as set out in the Design and Access Statement and Environmental Statement.
 - The contractor’s head or regional office location.
 - Logistics – what heavy plant machinery will be used (including specifications), will the work be subcontracted, will machines / drivers be hired in or are they owned / employed by the contractor?
 - Mitigation measures to (i) reduce the risk of delays, and (ii) reduce damage to the environment.
 - A specific mitigation measure and risk assessment focusing on COVID-19
 - A breakdown of the programme of works – its key stages and an indicative timetable for completing the work (including the length of time the work is expected to take) and the earliest point at which this work could begin.
 - A statement on the relevance and skills of their organisation to the delivery of this work. To include evidence of previous experience of similar projects and CVs (if appropriate) of the key members of the contractor team.

- **Document B (price assessment).** The contractor must include a breakdown of all fees and costs, indicating the following in their response to the brief (and whether costs are including or excluding VAT):
 - Rate (£) per cubic metre (m³) of spoil excavated
 - Mobilisation of machinery (£).
 - Transportation and deposition of spoil (£).
 - Sundry costs
 - Total cost (£ excluding VAT).
 - Total cost (£ including VAT) – final fixed fee to carry out all of the works outlined in this brief.

The submitted documents should be clearly identified as being either Document A or Document B. Document A should not contain any reference to fees or costs as the two elements Document A (quality) and Document B (price) will be assessed independently of each other. See Section 7 for the weightings of these two documents.



The tender documents should be submitted by 6pm on 23 September 2021 (via email). No late submissions will be accepted.

Please submit your documents to:
Tame Valley Wetlands Landscape Partnership Scheme

Mobile: [07587550077](tel:07587550077)
Email: andrew.apanasionok@wkwat.org.uk

7. Assessment

This contract will be awarded based on the price and the quality criteria indicated below.

The contractor's quality and price submissions will be scored and those scores weighted in the ratio 30:70 (quality: price). The contractor with the highest aggregate score will be considered for the work.

The price assessment (B) will be marked out of 100 points. The lowest price quote will be awarded 100 marks. The other submissions will have one mark deducted for each percentage point by which the cost is above that of the lowest (e.g. a contractor tendering at a total of 20% above the lowest price will receive 80 marks).

The quality assessment (A) will be marked out of 100 points allocated against weighted criteria as described below. The assessment will judge submissions based wholly on the contents of the information provided using a common evaluation method. The highest quality score calculated will be awarded 100 marks. Other quality scores will have one mark deducted for each percentage point by which the total is below that of the highest (e.g. a total of 20% below the best quality score will receive 80 marks). The assessors will keep in mind three key questions when reviewing submissions:

- Confidence: Does the proposed contractor give reassurance that they are likely to achieve the needs and objectives of the Brief?
 Value: Do the proposals provide best value?
 Risk: Has the submission identified all the risks presented by the proposal?

The Assessment Criteria (quality):

	Item	Marks (out of 5) (a)	Weighting (b)	Total (a x b)
1.	Proposed methodology for undertaking the work identified within the brief.		5	
2.	Understanding of the key issues identified within the brief, including Health & Safety.		5	
3.	Evidence of previous experience of similar projects (individual or contractor team).		3	



Tame Valley
Wetlands



4.	The makeup of the proposed team to undertake the work.		2	
5.	The indicated breakdown of the key stages, areas of work and the indicative timetable.		5	

Below is an indication of how submissions will be scored (quality):

1.	<p><u>Proposed methodology for undertaking the work identified within the brief</u></p> <p>Is there a clear and structured approach to the work required?</p>	<p>5. Have demonstrated a comprehensive approach to the work that goes beyond all the key work identified in the brief.</p> <p>4. Have demonstrated a comprehensive approach to the work that includes all the key work identified in the brief.</p> <p>3. Have demonstrated a good approach to the work that includes all the key work identified in the brief.</p> <p>2. Have demonstrated a good approach that includes some of the key work identified in the brief.</p> <p>1. Have demonstrated an adequate approach to some or all of the key work identified in the brief.</p> <p>0. Have not provided a satisfactory methodology.</p>
2.	<p><u>Understanding of the key issues identified within the brief, including Health & Safety</u></p> <p>Is there a clear understanding of the key issues set out in the brief?</p>	<p>5. Have demonstrated a comprehensive understanding of the issues that goes beyond all those identified in the brief.</p> <p>4. Have demonstrated a comprehensive understanding of the issues that includes all those identified in the brief.</p> <p>3. Have demonstrated a good understanding of the issues that includes all those identified in the brief.</p> <p>2. Have demonstrated an understanding of the issues that includes all those identified in the brief.</p> <p>1. Have demonstrated an adequate understanding of some or all of those identified in the brief.</p> <p>0. Have not provided a satisfactory methodology.</p>
3.	<p><u>Evidence of previous experience of similar projects (individual or contractor team)</u></p>	<p>5. Are able to provide three directly relevant and comparable examples of previous pieces of work.</p> <p>4. Are able to provide two directly relevant and comparable examples of previous pieces of work.</p> <p>3. Are able to provide one directly relevant and comparable examples of previous pieces of work.</p> <p>0. Are not able to provide any relevant and comparable examples of previous projects.</p>



4.	<u>The makeup of the proposed team to undertake the work</u>	<p>5. The proposed team have skills and expertise that exceed those identified in the brief.</p> <p>4. The proposed team have skills and expertise that meet all those identified within the brief.</p> <p>3. The proposed team have skills and expertise that meet some of those identified within the brief.</p> <p>0. The proposed team do not have any of the skills and expertise identified within the brief.</p>
5.	<u>The indicated breakdown of the key stages, areas of work and the indicative timetable</u>	<p>5. Have demonstrated a comprehensive approach to the work that goes beyond that identified in the brief.</p> <p>4. Have demonstrated a comprehensive approach to the work that includes everything identified in the brief.</p> <p>3. Have demonstrated a good approach to the work that includes everything identified in the brief.</p> <p>2. Have demonstrated a good approach that includes everything identified in the brief.</p> <p>1. Have demonstrated an adequate approach to some or all identified in the brief.</p> <p>0. Have not provided a satisfactory approach.</p>
<p>Any applicant scoring less than “acceptable – 3 marks” in two or more categories or any scores of “not acceptable” will be disqualified. Contractors will also be disqualified from the tendering process if the works cannot be delivered by the end of February 2022.</p>		