



Saving Devon's Treescapes

Invitation to Tender

Community Tree Nursery – Meeth

1. Background

Devon's treescapes are facing unprecedented threats and without a concerted, sustained effort to plant and encourage new trees to grow there will be profound impacts on Devon's special landscapes as well as the many species that the trees support.

Devon Wildlife Trust on behalf of the Devon Ash Dieback Resilience Forum has secured funding from the National Lottery Heritage Fund, Tesco Bags of Help and other funders to lead the Saving Devon's Treescapes project which aims to tackle these unprecedented threats and provide a healthy and sustainable future for Devon's Treescapes.

Saving Devon's Treescapes supports local communities throughout Devon to plant and nurture over 250,000 trees. The project will enable people to care for and celebrate our treasured treescapes, supporting local action for wildlife and climate change.

One key element of the project is to develop Community Tree Nurseries to grow trees which can later be distributed, free of charge, to communities across Devon.

2. Community Tree Nursery

This Invitation to Tender is for the construction of the first Community Tree Nursery which will be located at the DWT Meeth Quarry Nature Reserve. Until the late 1990s Meeth was a busy quarry producing clay for export. Devon Wildlife Trust took on the site in 2013 transforming its industrial past into a fascinating landscape for wildlife today.

When DWT took on the site two clay sheds remained which have now been removed leaving two large reinforced concrete platforms across two levels, split by a retaining wall approximately 3.5m in height. It is on the upper level which we aim to develop the Community Tree Nursery. The tree nursery will have capacity to grow 5000 trees each year, providing a free stock of trees to be planted outside of woodlands across Devon.

In addition to the tree nursery, we also need to ensure the site is safe and secure. Therefore, we will also require a safety barrier to protect people from the drop between the two levels.

Meeth Quarry Nature Reserve is one of Devon Wildlife Trust's 11 properties. On site there is also large workshop and offices for staff. The public are able to visit the site and explore Stockleigh Lake – one of three large water bodies contained in this huge 150-hectare reserve. However, there is no public access to the upper concrete platform.

Attached at the end of the document is an aerial photo showing the site where the clay sheds once stood.

The location of these works will be:

Meeth Quarry, Hatherleigh, EX20 3ER



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3. Client

- The client body for this work is Devon Wildlife Trust.
- The contract manager will be Rosie Cotgreave, Saving Devon's Treescapes Leader.
- On-site the contact will be Ian Chadwick, North Devon Land Management Team Leader.
- Contact numbers are listed at the end of this document.

4. Scope of work / services and requirements

Key deliverables can be broken down into two specific areas:

a. the tree nursery

The tree nursery will cover one corner of the upper level and will be secured by deer fencing. Within the fencing there will be a polytunnel, a wellbeing shed for volunteers, timber staging, compost and soil storage clamps, and water storage. The whole site will need to be accessible to all volunteers and be wheelchair friendly.

b. the safety barrier to protect authorised persons accessing the top platform from falls from height

The safety barrier will be installed along the length of the upper level parapet and will be located 1m from the edge, preventing people from falling to the lower level. The lower level will be developed as a car park.

Please refer to Appendix I, Meeth Presentation, for further information regarding design of the Community Tree Nursery.

a. Community Tree Nursery

The following table lists the key deliverables for this element of the contract.

It is important to note that DWT welcomes alternative approaches that achieve the requirements. For example, core drilling may be avoided by having large, heavy duty, above ground sockets for straining posts.

The materials used must have at least a 10-year lifespan, adhere to our Environmental Standards Policy, and be selected to be in keeping with a nature reserve setting. For example, using sustainably sourced timber, or timber clad products.



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Item	Number	Size	Spec	Further details
Tree nursery external deer fencing	1	40x20m 1.8m in height	Deer fencing	> 3m away from tree line. Breaks for vehicle and pedestrian gate
Straining and hanging posts	6	Approx. 1.9m height from ground level	Galvanised steel posts. Inserted into reinforced concrete base.	Diamond core drilling of reinforced concrete base required. Posts should have sealed top and base to prevent water ingress.
Intermediate timber posts	38 Approx.	100mm x 100mm	3m spacing – FSC timber, treated.	Spacing will depend on timber width dimensions – the width may increase to 3.5m
Intermediate timber post sockets / supports	38 Approx.	100mm x 100mm	Galvanised steel sockets	Fixed to concrete platform with expansion bolts / or threaded bar with resin bond.
Vehicle gate for enclosure	1		FSC timber gate – 1.8m high Latch and lock required.	Standard height could be used with weldmesh top to prevent deer access. Gate must be lockable.
Pedestrian gate for enclosure	1		FSC timber gate – 1.8 high Latch and lock required.	Wheelchair friendly - lockable
Vehicle gate entrance to top platform	1		FSC five bar wooden gate. 12 foot – standard height. Plus posts and hanging kit.	Rails and posts included on each side to deter access for non-authorised persons
Timber staging / trestles	10	4.2 x1.2m	FSC graded planed and treated	Located at least 1.2m from each other



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			Secured to ground with galvanised brackets / expansion bolts	
Compost storage bays	3	2m wide 2m high 2.5m deep	If timber – FSC hardwood sleepers or similar	I-beam RSJ design Timber slotted in.
Polytunnel	1	16ft wide		Galvanised hoop tube will need to include sockets for fixing to concrete base.
Timber trestle tables – for polytunnel	4	2.1 x 1.2	FSC graded planed and treated	Single platform trestle table
Wellbeing / workshop	1	4m x 3m	FSC timber workshop. Shiplap or tongue and groove. 1.5 x1m window – non opening Can be single pitch or apex roof. Green steel box section roofing. 25mm insulation throughout.	Watertight with guttering to collect rainfall. Elevated wooden sterling board (or similar) floor. Raised from concrete base to prevent rising damp. Can be made bespoke or purchased in kit form. Requires lockable door – external padlock.
Water storage	3	1m ³	IBC containers	All containers linked by alkathene pipe
Water storage raised structure	1	1m height	Heavy duty graded timber platform or concrete blocks. IBC tanks to be raised 1m from ground level.	Timber protected from damp concrete base. Design must be robust and prevent any risk of collapse.





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b. Safety Barrier

The specification for the safety fence must comply with relevant building regulations and HSE regulation and guidance. The following image provides an indication of the design style of the barrier. The barrier will be set back 1m from the concrete parapet upstand.



Item	Number	Size	Spec	Further details
Safety fencing	1	100m	Full compliance with HSE regulation and guidance. Adheres to technical installation guidance provided by supplier.	Located 1m back from the edge of concrete upstand. All ground fixings should be sealed to prevent water ingress and corrosion.

5. Budget

DWT has assessed the indicative retail cost of materials for both elements of the project as follows:

- a. £13,000 (including VAT)
- b. £4,000 (including VAT)

Please provide quotes which detail material costs and also labour.

Please itemise your quote and provide all relevant information and methods statements required for DWT to make a formal assessment of the successful tender.

DWT would be pleased to receive quotes for either or both elements of the project.



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6. Timescale and schedule

All works must be complete by end of July 2020.

7. Contractor specification and requirements

Contractors are required to provide examples of previous works and customer testimonials.

Contractors must demonstrate that they have the relevant skills and experience to deliver this contract/s based on previous work.

Contractors will need to state the insurances they have in place.

Contractors will be required to provide DWT with a suitable risk assessment and to read and adhere to the risk assessment issued by DWT.

DWT has developed clear guidance for staff to operate in a manner which does not increase the risk of transmission of Covid19. DWT and the contractor will agree a risk assessment to ensure risks associated with Covid19 are fully considered and management controls are successfully employed.

Devon Wildlife Trust operates an Environmental Management Policy, to the standards of ISO 14001. The contractor will be registered under the DWT Environmental Management System and must comply with the DWT Environmental Policy. DWT's Environmental Management policy is attached.

8. Selection process

Contractor/s will be selected based on the following:

- Price (i.e. quotes within the available budget)
- Experience (i.e. demonstrable experience of similar contracts)
- Design capabilities
- Environmental considerations (i.e. able to adhere to DWT's environmental management policy)
- Capacity to complete the works to a high standard in the timescales provided

Please provide:

- **An itemised quote for the works**
- **Proposed delivery schedule**
- **Proposed payment schedule**
- **Details of VAT status**



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DEADLINE FOR RECEIPT OF QUOTATIONS IS MONDAY 1st JUNE 2020

Selection will be based on quotes and supplementary information provided.

9. Contract

The selected contractor/s will be bound by a standard contract that sets out Devon Wildlife Trust terms and conditions. An example of this is attached.

10. Contact details

Name	Job title	Mobile	Email
Rosie Cotgreave	Saving Devon's Treescapes Project Lead	07769669547	rcotgreave@devonwildlifetrust.org
Peter Burgess	Director of Conservation and Development	07989 662554	pburgess@devonwildlifetrust.org
Ian Chadwick	North Devon Land Management Team Leader	01837 811889	ichadwick@devonwildlifetrust.org





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11. Image - (Copyright Google Maps)

