

Tender Document

Fencing at South Redmoor Nature Reserves

In this document “Contractor” means the successful tenderer and “Purchaser” means the Cornwall Wildlife Trust of Five Acres, Allet, Truro, Cornwall, TR4 9DJ

NOTES FOR CONTRACTOR

The site of the works is South Redmoor a Cornwall Wildlife Trust Reserve

Location;

South Redmoor Nature Reserve

The Grid Reference of the entrance is SX 07215 61453 & SX 07408 60905

What3Words: <https://w3w.co/duke.clocked.mysteries> &
<https://w3w.co/yield.crusher.coupler>

1. The works consist of construction of new lengths of post and wire fencing, installation of two wooden field gates, rehanging two existing gates and retrofitting an existing fence three strand barbwire to five strand.
2. The Contractor is advised to visit the site and ascertain all details affecting his or her quote. He/she should contact the Project Officer Andy Collins, telephone 07971542185 or e-mail andy.collins@cornwallwildlifetrust.org.uk to make arrangements for a site visit.
3. Where necessary the Contractor is responsible for contacting adjoining landowners prior to gaining access and agreeing arrangements for containing stock and security of premises and materials. Any damage caused to private landowners' land is the responsibility of the Contractor.
4. The Contractor is advised that due to the nature of the terrain on the reserve it may not be possible to use mechanical means of transportation or installation for all works. Discretion as to the use of vehicles on this site will be the responsibility of the Project Officer, and the Contractor should allow for the possibility of materials in certain areas requiring manhandling into position, and being manually erected.
5. Programme of Works - the Contractor is advised that completion of this contract must be achieved by the start of **Dec 2024**. The commencement date for the works must be at the earliest opportunity after awarding any contract associated with this document subject to agreement between the Project Officer and the successful contractor.
6. See Conditions of Contract.

PREAMBLE

FENCING OPERATIONS

1. All barbed wire used on this contract should be twin-ply formation using 2.5mm dia high tensile wire with 4 point barbs at 85mm spacing and heavily galvanised to comply with the requirements of BS EN 10244: 2001.
2. All plain wire used on this contract should be high tensile wire and galvanised to comply with the requirements of BS 4102 to be used alongside access routes.
3. All staples used on this contract should be 4mm diameter barbed staples, 40mm long galvanised or sheradised driven to a running fit.
4. All timber used for this fencing work must be sweet chestnut (see below) and set into the ground to depths as specified, without recourse to the trimming of post tops.
5. The quality of all timber used for this fencing work should conform to the requirements of the timber post section included within BS1722 part 2 - Woven Wire Fences.
6. All straining posts should be a minimum 175mm (7") top diameter. Where the post is acting as a turning post 125mm (5") top diameter is acceptable, a minimum of 2.15m long and be set either mechanically or by hand not less than 1m into the ground with all back filling well consolidated. Straining or turning posts must be set at all changes of direction or acute changes of level, maximum spacing 150m (or 300m for high tensile wire) in straight runs.
7. Straining posts should be braced either using box strut configuration using round posts and galvanised plain wire, or by angled strut where the strut is of top diameter 100mm round timber (quarter or half round if sweet chestnut), 1.9m long and secured in the lower third of the straining post with a notch joint 25mm deep, at an angle of no greater than 45 degrees and resting on a firm base plate.
8. Intermediate posts should be 75-100mm (3-4") top diameter quarter or half round sweet chestnut timber, 1.68m (5'6") long (in wet areas it may be necessary to use 1.83m (6') lengths) and set at centers not exceeding 3m. Intermediate posts should be set 400-500mm into the ground. Wire should be stapled to the heart wood side of half and quarter round posts.
9. The barbwire fencing must be at least 1.15 metres high and formed of five strands of barbed wire. The lowest three stands should be spaced at 150mm (6"), whilst the remain two should be spaced at approximately 250mm (10").
10. The stock netting fencing must be at least 1.15 metres high and formed of HT8/80/30 netting and two strands of barbwire.

Timber Specifications:

The contractor must quote for the provision of British grown winter harvested sweet chestnut (untreated). For intermediates half or quarter round stakes must be used to maximise heartwood, full rounds for strainers and turners. Unpeeled stakes are acceptable.

The contractor must specify the supplier they intend to use for the timber. The purchaser reserves the right to specify a different supplier, and accepts that this may alter the final cost of the contract – for which the purchaser will be liable.

Metal Clipex fencing is an acceptable alternative to chestnut, 1.8m intermediate posts must be used and 2m 'beefy' posts used over wet ground.

WORKS REQUIRED

The lengths of fences given are for guidance only. The plan and guidance given on site shall prevail. No wire is to be attached to trees.

- The Contractor should allow for all works required to erect 2466m livestock proof post and five strands of barbwire fencing using materials specified in the preamble of this document over the routes marked contract plans. All wire should be strained in straight lines between straining posts to follow the approximate profile of the ground. All wires should be securely fixed using barbed galvanised staples. It is essential that the new fence line follows as near precisely, the boundary line and the Contractor should therefore allow sufficient additional strutted turning posts to enable this to occur whilst still retaining the structural integrity of this strained fence.
- The Contractor should allow for all works required to erect 1010m livestock proof post and HT8/80/30 stock netting with two strands of barbwire fencing using materials specified in the preamble of this document over the routes marked contract plans. All wire should be strained in straight lines between straining posts to follow the approximate profile of the ground. All wires should be securely fixed using barbed galvanised staples. It is essential that the new fence line follows as near precisely, the boundary line and the Contractor should therefore allow sufficient additional strutted turning posts to enable this to occur whilst still retaining the structural integrity of this strained fence.
- The Contractor should allow for all works required to retrofit 1194m of existing three strand barbwire fencing to five strands of barbwire. The existing barbwire should be reused.
- The contractor should allow for replacing the hanging and shutting posts of one field gate and installation of two new 10' wooden field gates at approximately the position marked on the attached plans.
- The Contractor should allow for all necessary preparation work to ensure the erection of the fence, including the removal any scrub or other vegetation or other such works being necessary to prepare the ground in advance of fencing operations. Where scrub is removed all stumps should be left neatly cut at ground level and treated with Glyphosate (Roundup) in accordance with manufacturer's instructions. All cut scrub should be chipped and/or windrowed and deposited on site as agreed with the project officer. All debris from existing fences should be removed from site and disposed of correctly by the contractor. The contractor should plan for vegetation clearance and fence removal to be applicable to all of the new fencing, though it will be agreed with the purchaser upon confirmation of the contract how much is required.

SCHEDULE OF WORKS

Site Name	Rehang Existing Wooden Field Gate	New Wooden Field Gates	Retrofitting Existing Fencing (m)	New Five Strands of Barbwire Fencing (m)	New Stock Netting and Two Strands of Barbwire Fencing (m)
South Redmoor	2	2	1194	2466	1010

CONDITIONS OF CONTRACT

Standard requirements and obligations of both parties

- All works to comply with the Health and Safety at Work Act 1974 and other associated legislation and regulations (see statutory requirements).
- The Contractor shall allow for all expenses including safety, health and welfare and any insurance's additional to those required by the Conditions.
- Contractors must examine and attend the site prior to tendering. No claim will be entertained on the grounds of want of knowledge.

Insurance

- The Contractor must have the following insurance cover:
Public Liability Insurance up to £5,000,000.

The Contractor must supply insurance schedules on request of the Purchaser

Control of works

- Where applicable keep the Purchaser advised as each stage of the work set out in the preceding clauses is completed or nearing completion, in order that site inspections can be made before each next stage of the work is started.
- The Contractor will not deviate from the specification without the written authority of the Purchaser.
- The Contractor shall ensure that the site clearance is carried out efficiently and that no waste materials, equipment or rubbish remain.
- The Contractor shall not assign the benefit of the contract in whole or in part or any of his obligations under the contract. The Contractor shall not sub-contract any part of the works without the prior consent of the Purchaser. The Purchaser shall be responsible for errors, omissions or discrepancies in the tender document, specification or drawing.

Standards expected

- All Personal Protective Equipment (PPE) used must comply with FASTCo 301, 401, 801, Health and Safety Executive publications and current legal requirements in terms of specification and use.
- HSE booklet HS(G)47 "Avoiding danger from underground services"
- HSE Guidance Note GS6 "Avoidance of danger from overhead electric lines"

Ascription of liability

- There shall be a "defects liability" period of 12 months from a date to be agreed. The Contractor shall be responsible for making good any defects during this period.
- In the event of any disputes arising out of the tender document, as affecting the basis of tender, contract papers, obligation of Contractor and Purchaser, suspension of works variation, accidents, damage, insurance and default, the definitions and interpretations shall be those of the Model Form of General Conditions of Contract for minor building works - MF/I.

Terms of payment

- Within 28 days of the Contractor advising the Purchaser in writing that the works are completed, and the Purchaser being satisfied that the works have been executed in accordance with the Tender documents, The Purchaser shall pay the contract price plus Value Added Tax in full.

Statutory requirements

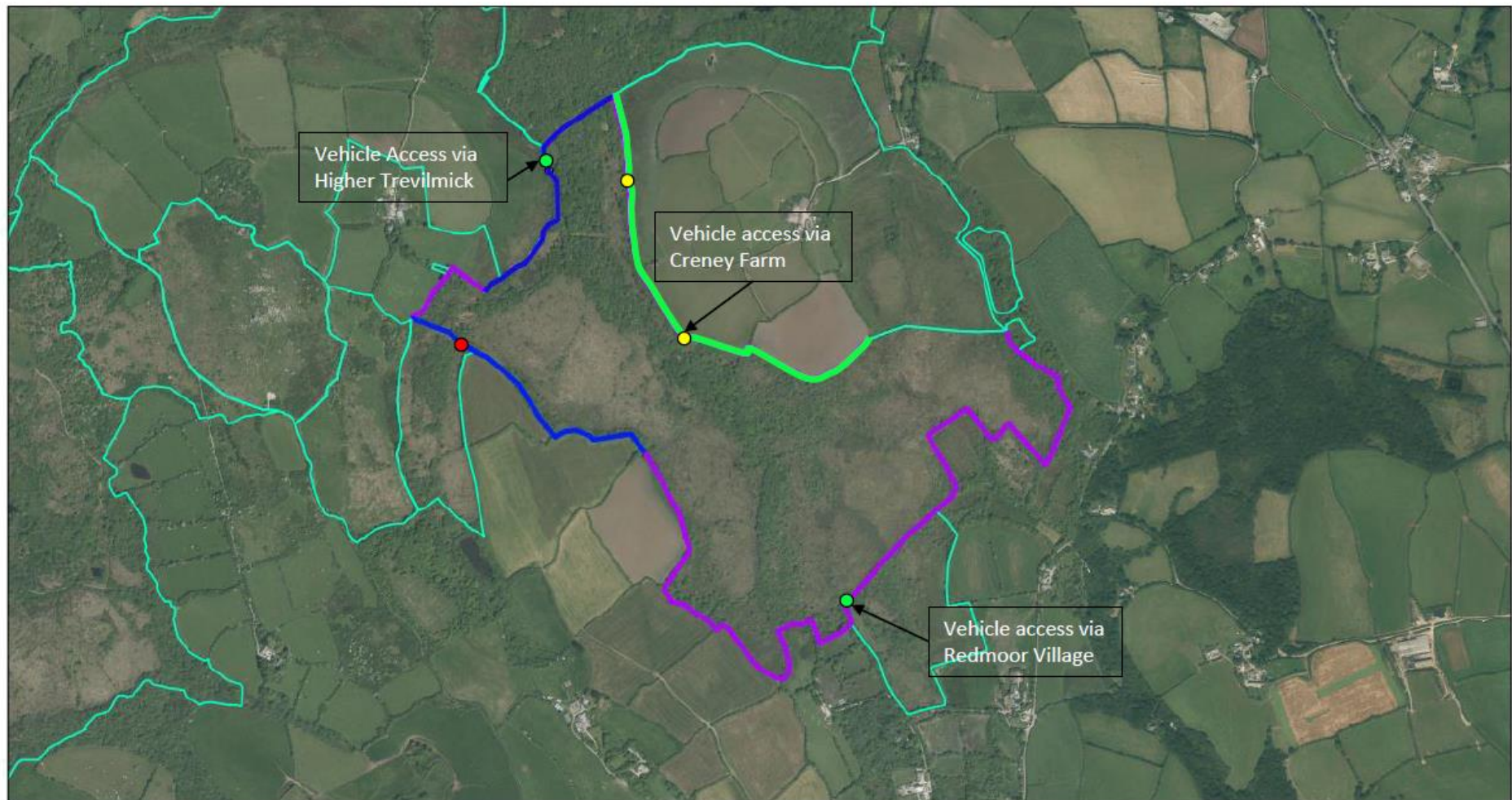
- The work detailed in this specification shall be carried out in accordance with all current statutory instruments, including:

The Health and Safety at Work etc. Act 1974;
The Health and Safety (First-Aid) Regulations 1981;
The Reporting of Injuries, Diseases and Dangerous Occurrences Regulations (RIDDOR) 1995;
The Control of Substances Hazardous to Health Regulations 1994;
Management of Health and Safety at Work Regulations 1992;
The Manual Handling Operations Regulations 1992
The Safety Signs Regulations 1980;

Risk assessment

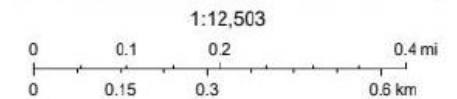
- The Contractor must read the Health and Safety risk assessment information supplied with the tender documentation. This will include a site register with details relevant to the site of works, a generic risk assessment record for General Safety on Site for Conservation Projects and a generic risk assessment record (s) relating to the work being carried out. The Form of Tender must not be signed until these documents have been read.

South Redmoor Fencing 2023/24



- Reserve Boundary
- New Clipex 5 stand of barbwire fencing
- Retrofitting 5 strand of barbwire to existing 3 stand fence
- New 10' Wooden Field Gates
- Existing gate to be rehung on new posts
- Existing Gate to be retained

New Clipex with HT8/80/30
netting and two strands of barb



© Getmapping Plc and Bluesky International Limited
2023

BILL OF QUANTITIES

Fencing at South Redmoor Nature Reserves

Year	Item		Fencing (m)	Cost (ex VAT)
2023				
	New Five Stand barbwire Fencing	Tanalised Timber*	2466	p/m
		Sweet Chestnut*	2466	p/m
		Metal Clipex*	2466	p/m
	New HT8/80/30 netting and two stands of barbwire Fencing	Tanalised Timber*	1010	p/m
		Sweet Chestnut*	1010	p/m
		Metal Clipex*	1010	p/m
	Retrofitting barbwire fencing to stock netting		1194	p/m
	10' Wooden Field Gate		no. 2	each
	Rehanging of existing field gate		no. 2	each
		Firm Fixed Cost (Fencing) =		
		VAT =		
		Total Cost =		
	Clearance of fenceline	£/m =		
	Removal and disposal of existing fence	£/m =		
	Fencing supplier (timber):			Sweet chestnut

*Please quote for tanalised timber, sweet chestnut and Clipex for price comparison purposes.

FORM OF TENDER

For
Cornwall Wildlife Trust
Five Acres
Allet
Truro TR4 9DJ

Sir/Madam,

Having examined the Conditions of Contract general and specific requirements, and the Bill of Quantities for the aforementioned works, we offer to carry out and complete the whole of the said works in conformity with the Conditions of Contract, Specifications of Works Required and Bill of Quantities, for such a sum as may be ascertained in accordance with the said Bill of Quantities.

We undertake to complete and deliver the whole of the works comprised in this Contract within the time stated in the Programme of Works.

Unless and until a formal agreement is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any tender you may receive.

We are, Sir/Madam,

Yours faithfully,

Signed

Address

.....

.....

.....

.....

Date