



## THETFORD TOWN COUNCIL

27 May 2016

**Thetford Town Council Is Seeking Quotations for the provision and installation of fencing and gates to Barnham Cross Common Thetford and subject to section 38 consent for Fencing of Commons.**

**TTC/16/005**

Please find attached a specification for a tender for the provision and installation of fencing and gates to Barnham Cross Common Thetford.

**Failure to supply any of the information requested in the attached specification will result in the Tender being rejected.**

Contact name and number: Tina Cunnell, Acting Town Clerk, (01842) 754247.

Quotations to be received by 5.00pm, Friday 17<sup>th</sup> June 2016.

**Tender to be sent in sealed inner envelopes to be clearly marked 'Tender – Barnham Cross Common Fencing & Gates For the Attention of the Town Clerk, Thetford Town Council'**

Postal Address: Kings House, King Street, Thetford, Norfolk, IP24 2AP  
Tel: (01842) 754247

Details of the winning contract will be published IAW Local Government Transparency Code 2014.

Should you require further information over and above the tender requirements then please do not hesitate to call.

Yours sincerely

Tina Cunnell BSc (Hons)  
Acting Town Clerk

Enclosures: 1. Thetford Town Council Tender Specification

## **Fencing specification for Barnham Cross Common**

### **Owned by Thetford Town Council and subject to Section 38 consent for Fencing of Common**

#### **Perimeter Fencing**

##### **Purpose**

To install a perimeter fence and gates of approximately 4653 metres around the western and eastern sections of the Barnham Cross Common and approximately 556 metres around Ford Meadow that is stock proof for; 'new-born native breed lambs', sheep, ponies and cattle. Including, as necessary tree and scrub removal as part of line clearance works. All operations to be undertaken in a manner that minimises impact to the site with materials and installation in compliance with BS EN 10223-1:2012 (was BS 4102)

##### **Specification**

**Delivery of materials:** If the contractor is in any doubt as to whether materials delivered to site meet the specifications laid out in the contract, the contractor is to contact the Council's Conservation Land Manager before delivery to site

The work consists of the following main elements:

1. Where necessary to clear line to allow installation of new fence as outlined on attached **Maps of BXC East and West Fencing and Gates and Ford Meadow Gates and Fencing**. All cut material will be chipped, removed from site or neatly stacked under adjacent standing scrub.
2. To install fencing to the following specification;

##### **Gates and Fencing Materials**

All types of fencing should be erected in accordance with British Standard 1722. All timber to be softwood pressure treated to British Standard and HC4 (hazard class 4), any cut surface to be treated with recommended sealant – no post tops to be cut.

All round posts to be peeled and pointed. The diameter measurements of round posts are a minimum along the entire length of the post.

All timber to be FSC (Forest Stewardship Council) and from a sustainable British source.

All steel to be galvanised to British Standard. All fixings should be in double galvanised or stainless steel. No aluminium fixings should be used.

All strainer posts, turning posts, intermediate posts, breast plates, fence posts and horizontal bars and weather topped 'post and rail' shall be impregnated with a copper/organic biocide and industrial preservative in accordance with BS 8417 for a BS EN 335 Use Class 4 application, desired service life >15 years. Strainer, turning and fence posts to be purchased from Jacksons – this timber to be 'Jakcured' with the Jackson's 25 yr guarantee. Copies of fence purchase invoices to be supplied to Thetford Town Council on completion of contract.

All components shall be machined to their final dimensions and have a moisture content not exceeding 27% prior to treatment. All 'post and rail' rails shall be similarly treated but for a Use Class 3b application.

No notching, cross cutting or boring shall be permitted unless all exposed timber is given two generous brush applied coats of a compatible end grain sealer/preservative. No cut ends should be placed in ground or water contact.

### **Variable options to be agreed between contractor and Thetford Town Council**

#### **Fencing**

All posts that are in contact with the ground to be Jakcured (strainer, turning posts, intermediates)

All other rails can be purchased through local supplier.

#### **Stock Fencing (Standard)**

Overall fence (post-top) height 1100mm.

**Strainers**, box assembly, vertical posts 1x2.4mx150-200mm Ø, 1x2.4mx150-200mm Ø, with 900mmx125mmx75mm breast plates, horizontal bar 2.4mx125-150mm Ø, max 400m apart, minimum of 1.30m into the ground. Multiple boxes to be used as ground conditions dictate, at the contractor's discretion. Horizontal bars to be rebated max 10mm, fixed by galvanised 12mm Ø, 300mm steel pins, at a height that brings it between the 2 top wires, pins should be driven into a pre-drilled hole of 10mm to prevent moisture from entering the timber. 3.15mm HT plain wire strained around assembly and joined with crimp sleeves. The 12mm Ø pin on the strutting post should be left with 25mm showing to put the diagonal wire over. Traditional strutted strainers may be used without HT top and bottom wires

**Turning posts**, 2.4mx150-200mm Ø with 900mmx125mmx75mm breast plate, at every change of direction, less than 30 degrees. Minimum of 1.30m in the ground. Strainer assembly to be used at turns exceeding 30 degrees and as ground conditions dictate, at the contractor's discretion.

**Intermediate posts**, 1.85mx75-100mm Ø, max 3.5m apart. Minimum 0.75m into the ground.

**Tie downs** to be used on all types of post as necessary. An intermediate post should be installed at 45° to the vertical post to a depth of at least 0.9m. Tie down post should be fixed with a 12mm galvanised pin using a pre-drilled 10mm hole, between 100mm and 200mm above ground level.

**2 plain top wires**, 4.00mm mild steel or equivalent as stated in BS 4102 (now BS EN 10223-1:2012), lower wire approx. 25mm above netting, top wire 1050mm above ground level (therefore 50mm below top of post).

**Stock netting**, HT 8/80/15, green, approx. 25mm above bottom wire.

**Plain bottom wire**, 4.00mm or equivalent high tensile in BS EN 10223-1:2012, approx. 25mm above ground level

**Staples**, 40mm x 3.15mm galvanised, barbed, angled across the grain of the timber, driven to a depth that does not crush the galvanising, does allow wire to move as it expands and contracts (or gets pressured by stock), but does not allow enough room for wire to rattle in the wind, which can damage the galvanising.

**Wires** should be joined by tying to the manufacturers approved specification, or by using a crimp sleeve designed for the task, 2.5 / 3.15 sleeve or 3-4 sleeve and crimped to the manufacturers specification. We don't consider Gripples to be appropriate.

## **Gates**

### **Field Gates**

Metal Field gates to be installed at locations shown on attached **Maps** (6 No gates Barnham Cross Common and max 2 Ford Meadow). Gates and posts must comply with relevant British Standards for manufacture and installation. All hanging and closing posts to be set in concrete.

### **Kissing Gates**

Metal kissing gates to be installed at locations shown on attached **Maps** (15 No gates Barnham Cross Common and 3 Ford Meadow). Gates and posts must comply with relevant British Standards for manufacture and installation. Compliance with Section 38 requirement for a 1 metre sphere to pass through the gate is also necessary to comply with the relevant Disability Discrimination legislation. Use of Jackson C Gate Metal Kissing gate (or similar) is required for single gate locations and those adjoining metal field gate locations. All hanging and closing posts to be set in concrete.





Taskbar and Windows

Taskbar icons: File Explorer, Edge, Mail, Home, Task View, Microsoft Store, OneDrive, Teams, Word, Chrome, Excel, PowerPoint

Windows taskbar: Home, Work, Theford, Theford, Theford

System tray: Network, Volume, Power