



Information to Contractors for 2010 FFT Tree Planting - NIFR

1.0 Overview of the Work/Service Required

The proposed contracts are for Spring Planting within the Nadina Forest District.

FFT2010-PL008: Nadina Forest District - ~617,175 trees

The Forest for Tomorrow program was set up to respond to the catastrophic wildfires and the mountain pine beetle epidemic. The program was introduced by government in 2005 with an initial amount of \$161M being allocated towards this program over four years.

The program is aimed at improving the future timber supply and addressing risks to other forest values through the re-establishment of young forests on land that would otherwise remain under-productive. The program focuses on land that is primarily within the timber harvesting land base yet outside of forest industry obligations.

The program emphasizes surveying, site preparation, and planting. These treatments are guided by strategic level program planning, seed supply planning, silviculture strategies and timber supply analysis.

This work may be different from planting traditional clearcuts, as some of the openings may have been rehabilitated with dead trees piled and burned. Other openings simply require planting of these in block burn piles where burning was completed this past winter. See the contract document for full details of the above and other duties of the Contractor.

2.0 Site Viewing/Information Meeting

Field viewing is optional but recommended for all planting units, recognizing that seasonal conditions may make this unfeasible. All units are to be bid in their current condition.

3.0 Contract Term/Work Schedule

The term of the contract will be from **May 15, 2010 to June 15, 2010**. Note that start-up dates are dictated by weather and aspect. Should conditions allow for earlier access to certain openings, an earlier start date may be negotiable.

The successful Contractor shall be required to have a pre-work meeting with the Forsite Representative to review the contract prior to commencement of the work. Any subjects discussed and decisions made at the pre-work conference shall form an integral part of the contract.

Contractors utilizing field camps will be expected to conform to Northern Health requirements with respect to food facilities and procedures and approvals, water standards and approvals, and Camp Standards.

4.0 General Planting Specifications

The goal is to plant the seedlings roots into the FH layer. To achieve this moss will be left intact and the target depth of the plug is for the top of the plug to be flush with the top of the FH horizon. To achieve this a tolerance of + or – 2 cm for plug depth relative to the top of the FH layer will be allowed – this is only allowed when the moss is left intact. Screening off of the moss layer is considered undesirable.

When seedlings are planted in mineral soil the depth target changes to a requirement that the top of the plug is covered by 2 cm of mineral soil, with a tolerance of + or – 2 cm.

The goal will be to plant through residuals/naturals where feasible, unless otherwise specified by the implementation contractor.

Mixed bagging will be the general expectation unless otherwise directed in site specific cases

The target planting density of the largest Hannay/Augier unit is 2000 sph with a minimum planting inter-tree of 1.6m, while the remainder is planned at 1800 sph.

Where a tree has been planted on an unacceptable microsite, the tree will be faulted.

Obstacle planting is required on the majority of sites.

Any further site specific planting strategies will be discussed at the pre-work.

5.0 Planting Quality Inspection Procedures

The expectation is that every tree will be acceptable as described by the 704 book. Planting Contractors must supply planters/supervisors that can deliver this and bid accordingly. Inspection plots will involve high levels of seedling excavation at every plot. Pay plots can be taken at any time and used for the final numbers. This will facilitate feedback to planting contractor.

Payment units will be pre-determined prior to contract commencement. Any areas with planting quality below 85% will become its own payment unit. These areas will not be blended into larger areas.

If there is a greater than 10% difference between the number of trees planted in our inspection plots and the total trees claimed by the Contractor, an unaccounted for tree charge will be applied, per the Planting Schedule A.

6.0 Access

Access notes are generally to the candidate unit, not necessarily to the planting unit or planting unit Stratum/Polygon. Please review maps and comments carefully.

8.0 Deliveries

The successful bidder will be responsible for scheduling, pickup, and delivery from the applicable nursery (Woodmere Nursery in Telkwa) or Houston Cold Storage facility. Supply and maintenance of Reefer trucks, if required, is also the planting contractors responsibility. Proper stock handling through all phases will be emphasized.

9.0 Production and Supervision

Daily production must be given to Forsite every day, by unit, seedlot and request key. Minimum daily production expectations will be strictly enforced. Minimum Daily Production is set at 31,000 trees for purposes of tender. (31,000 trees x 20 planting days = ~620,000 total)

It is the Contractor's responsibility to ensure that they have adequate on site supervision for the planting crews and are monitoring the planting quality on an ongoing basis. The Company may at any time request to review the Foreman's FS704 planting inspections. It is expected that the Planting Foremen will be establishing FS704 plots on an ongoing basis every day, and that they are well informed with the planting quality on each block at all times.

10.0 Safety

Overhead hazards must be addressed in the Contractor's Safety Plan. Check your safety plans and adjust if you need to.

All units require Danger Tree Assessment and Felling prior to planting start-up. This documentation must be provided to the Company Rep prior to the start of Planting on each Planting Unit. The cost of completion of the Wildlife and Danger Tree Assessment (WDTA) with Report is to be included as part of the "Price Per Tree" bid price.

If ferrying planters by quad, your safety plan must cover passenger use.

11.0 Holdbacks

20% holdback applies to all contract payments.

12.0 Stop work orders, notices to comply, notices of termination

These items are discussed in the contract and will be used as tools if problems arise with the Planting Contractor's Quality, production, performance, safety items, and any other non-compliance with contract conditions.

13.0 Forsite's Required Safety Forms

Attached to the tender are two Pre-Contract Safety Forms

1. Pre-Contract Review Form
2. Prime Contractor Assignment Agreement

Please review these forms as they will be required to be filled out and signed prior to entering into a Service Agreement.