



Natural Resource Ministries

**SCHEDULE "C1" - Other
Conditions
use with Operational Services Contract**

CONTRACT ADMIN. NO:
10005-40/PL25TBP001

ATTACHMENT TO CONTRACT DATED THE DAY
(including 'nd' 'rd' or 'th' as applicable) DAY OF
MONTH, 20YR.

File: 10005-40/PL25TBP001

Attachment to the Agreement with Full legal name of Contractor, as specified on the original Contract for Tree Planting and Seedling Protector Installation.

SUPPLEMENTARY CLAUSES FOR PLANTING

Where a conflict exists between Schedule A and Schedule C, then Schedule C will take precedence.

Additional Standards for Planting

- 1) The Contractor must provide the Province seventy-two (72) hours notice prior to establishing or using a camp to be provided as living quarters for silviculture workers for the purposes of completing this contract. A camp is defined as outlined in Schedule J – Camp Standards.

General Details

- 2) A) Work Progress Plan: **To be completed for each season's plant.**
At the pre-work conference, the Contractor shall submit a Work Progress Plan detailing:
 - (i) A schedule of work with start-up and completion dates, and the order of work for each unit.
 - (ii) The number of workers that will be maintained on site.
 - (iii) Weekly crew production rates.
 - (iv) Crew accommodation and transportation.
 - (v) A written description of an established "Occupational Health & Safety Program" which includes: description of safe working procedures, check-in procedures, accident investigation procedures, safety inspection procedures, emergency procedures and procedures for transporting of an injured worker.

The Work Progress Plan shall be designed to ensure satisfactory completion of the contract **within term specified in Article 3 of the Contract**. Work may only commence upon the FS Officer's approval of the Work Progress Plan.

The Work Progress Plan will become part of this contract, and after work has been started it shall progress in accordance with the plan, unless otherwise authorized, in writing, by the FS Officer. The plan shall be subject to modification by mutual consent only where unusual or unforeseen circumstances create conditions beyond the Contractor's control. The Work Progress Plan may also be referred to as the Operational Plan.

- B) Stock may be transferred between planting units if species match and elevation limitations are not exceeded (and as per the Seed Transfer Guidelines/FRPA/CBST) subject to approval by the FS Officer. All stock movements beyond the stock allocation spreadsheet must be noted, mapped and recorded
- C) The allocation of species and stock for each unit is identified in the planting prescription

spreadsheet/PW. There will be no compensation for changes in stock types, or species, or for changes in the amount of seedlings of a certain stock type, on any individual unit.

- D) If applicable for this contract, the Planting Contractor must inform the Implementation Contractor, assigned by the Ministry Representative, of the date when a new planting unit is scheduled to start. The planting contractor will be expected to participate in an **on-site field pre-work** with the Implementation Contractor prior to the start of planting for each planting unit or group of planting units. Both parties are to sign-off on each block pre-work completed.
- E) The Planting Contractor is responsible for ribboning all treatment unit boundaries in hi-visibility flagging prior to commencement of on-site planting as per the FS Officers instructions.
- F) The Contractor shall provide one **(1) non-planting foreperson for every ten (10) planters** or portion thereof. When there is a crew of 10 persons or less, the foreperson may also work on the planting operation with the crew, ONLY if mutually agreed upon, in writing, with the FS Officer.
- G) The Contractor is responsible for all aspects of **quality control** throughout the project. Although the Province may establish "check plots" to evaluate progress in a payment unit before establishing formal payment plots, the Province does not, in any way, accept responsibility for Contractor performance monitoring and quality. Ministry employees (and/or Ministry Representatives) do not direct or supervise the contractor or the contractor's workers. The Ministry will set out the contract standards and required outcomes as well as any changes to contract conditions as work progresses.
- H) The Contractor is responsible to provide a **Certified Wildlife Danger Tree Assessor and Faller for Harvesting and Silviculture** as required throughout this contract.
- I) All planting contract supervisors/forepersons must be **S-100/I0A Certified** and for every 10 planters an additional person is required to be S-100/I0A certified
- J) **All planting boxes including plastic wrap must be removed from planting blocks. No waste is to be left onsite.**

Planting Quality and Mixing of Species:

3) Mixture of Species:

The planting prescription and/or map for each unit indicate where a mixture of species is to be planted on that unit. It also identifies the manner in which species are to be mixed (ratio ie: 1:1 or mixed site specifically ie: Fdc6/Cw4). Where a prescription states to "mix site specifically", generally we expect to see the approximate ratio throughout with trees planted in the correct planting medium.

Where the Contractor has failed to plant a mixture of species or a ratio over a prescription area as required, then the province may impose a charge or instruct a re-work. Charges may also apply when an incorrect species has been planted in a defined area.

Planting Medium

NOTE: There will be no F-Layer planting or planting in red, decomposed, rotten, chunk wood without specific direction from the FS Officer.

Dr – plant in mineral and or organic soil mix.

Mb – plant in mineral and or organic soil mix in richer, moister receiving sites **only**, and as directed by the FS Officer or implementation contractor in charge

Fdc - must be planted so that the roots are in mineral soil.

Cw – plant in mineral and/or organic soil mix.

Ss – plant in organics.

Ba – plant in well drained, deep mineral and organic soil mix or in organic soil only.

Yc - plant in mineral and/or organic soil mix.

Hw – plant in organic soil (with 40 % wood chunks if you can make a cast in your hand.)

ACCESS/ACCOMMODATION

- 4) A) The Province is not responsible for the quality or type of access or accommodation in this contract. The contractor can expect that they will find all roaded blocks have some level of de-activation. It is the contractor's responsibility to ensure they have satisfied themselves to the complexity and requirements to access all blocks.
- B) There will be no compensation for inadequate access to units or down time while waiting for weather conditions to improve.

NOTE : Radio communications for mainline haul roads is mandatory and radio call in/out procedures must be strictly adhered to. Prior to start of the contract the Contractor must obtain radio frequencies and also contact the applicable licensee directly.

While working and driving within TFL land, the contractor must adhere to the TFL licensee safety plan/radio communications protocol.

DOCUMENTATION REQUIREMENTS

FINAL PACKAGE

- 5) **NOTE:** *Prior to processing of each unit payment, the FS Officer must have received the Map submission as stated below within five (5) days of completion of planting the payment unit unless otherwise authorized, in writing, by the FS Officer.*

The following documentation is required in the form of a Final Package for each block upon completion of planting :

- A) A 1:5000 hardcopy Professional Quality Map Submission (as approved by the Contract Administrator) for each planting unit showing location and numbers of each species planted by seedlots / request keys for each standard (prescription) unit, as well as location and numbers of tree protectors and/or fertilizer and block comments pertaining to the plant. Also include planting start and completion dates for each block and weather conditions at time of planting. For units where planting was not completed or partially completed the Contractor shall identify on the map submission such areas (un)/planted *and associated comments*.

**Under this contract, quality plots/maps for all units, using FS forms / plotcards or Plantwizard forms are the responsibility of the contractor and must be signed and sealed by an RET/RPE.*

- B) The updated "actual planted" stock allocation spreadsheet.
- C) A file including:
- i) A record of stock condition from pick up at the designated storage facility to the point where the seedlings are planted.
 - ii) A copy of all Shipping Order Transportation Waybills (by request key number, seedlot and species) for all orders and shipments from nursery(s)/storage facility (if not already submitted).
 - iii) A copy of every Thaw Request Stock Order Form sent to the Nursery. The Thaw Request Stock Order Form will be provided at the pre-work conference. This order form must be submitted to the FS Official, or his/her designate, on the same day the seedling thaw order is made.
 - iv) Sign-offs for all Pre-works completed on all blocks.
- D) A digital submission of all final planting data.

NOTE: All data must also be submitted digitally i.e.: using Plantwizard(PW) or a similar type format that is up-loadable into Land Resource Management (LRM).

STOCK CO-ORDINATOR RESPONSIBILITIES

The contractor is responsible for designating a stock coordinator with the following responsibilities:

- 6) A) Scheduling Stock Transport: (this portion of the work should be done from an office where the information can be easily sent electronically to the Nursery(s) and to the Ministry of Forests).
- i) The contractor is responsible for contacting the nursery(s)/storage facility designated by the FS Officer to arrange for thawing and pick-up of seedlings and therefore receives trees FOB at the time of the ship/thaw request acceptance and will assume any associated risks to the seedlings from that point until the contract has been completed.
 - ii) The contractor is responsible to arrange transportation with a transport company for the required seedlings.
 - iii) Unless otherwise agreed upon with the FS Officer, tree shipments to all blocks must be made every four to five (4-5) days only for the next four to five (4-5) days worth of planting. For remote access blocks, this type of tree shipping will require CHARTERED TREE SHIPMENTS ONLY by whatever means the contractor may choose, i.e. boat, slinging, barging, etc.
 - iv) Ministry Stock Ordering and Shipping Procedures must be adhered to; a current copy will be supplied by the FS Officer upon contract award.
- B) Record keeping and stock distribution:
- i) This portion of the work requires the stock coordinator or a designate to be on site for the duration of the contract; if the person on the contract site is different than the designated Stock Coordinator, that person must be included in the Pre-work Conference.
 - ii) The Stock Coordinator is responsible for balancing out stock numbers between the nursery waybills at pick up, daily amounts planted in the field and the amounts invoiced for each planting unit by the Planting contractor.
 - iii) Records will be kept for the disbursement of seedlings, fertilizer, rigid seedling protectors and stakes to the individual planting units as specified in the contract document.
- C) Ensuring proper handling and storage:
- i) The Stock Coordinator must monitor and record daily box temperatures to ensure temperatures remain between two (2) and ten (10) degrees celsius. The Stock Coordinator must also have in his/her possession a guage to measure relative humidity (RH). Records of the daily box temperatures and RH shall be maintained and made available to the FS Officer upon request.
 - ii) When stock is stored at an interim storage facility or temporary field storage, the Stock Coordinator is responsible for ensuring adequate air circulation to dissipate heat and attention given to maintaining constant temperatures. Boxes must not be stored more than three high without the use of spacers and/or pallets to ensure sufficient space between and below boxes.
- D) Conditions most pertinent to a Spring plant:
- i) Spring planting stock may be stored non-refrigerated for 7 days with box temperatures not to exceed ten (10) degrees Celsius.
 - ii) Spring planting stock that is expected to be stored longer than 7 days prior to being planted must be stored in refrigeration units at a temperature of two (2) degrees Celsius. Stock may be stored in refrigeration units for a maximum of 14 days unless specified otherwise by the FS Officer.
- E) Conditions most pertinent to a Fall Plant:
- i) The Stock Coordinator is responsible for ensuring all stock is stored appropriately. Upon arrival at a field storage cache, boxes must be opened and trees placed

upright in the box. Boxes are to be stored in a manner to ensure the trees are not exposed to direct sunlight and box temperatures are not to exceed ten (10) degrees Celsius.

- ii) The Stock Coordinator will work with the nursery/storage facility to ensure that the hot lift stock is stored appropriately, at the correct temperature and monitored regularly at their facility until stock pick-up.
- iii) The Stock Coordinator is responsible for developing an immediate action plan to deal with any potential problems associated with the timely planting of hot lift stock.
- iv) The Stock Coordinator will have a process in place to show how hot lifted stock is tracked and used within the specified time period of 10 days from lift or as specified by the FS Officer.

F) Inspections:

All aspects of the contract may be subject to random inspection by a FS Officer or implementation contractor designated by the BC Timber Sales, Chinook Business Area, to conduct quality inspections.

G) Reefer Unit(s):

The Contractor is responsible for the hiring and the cost of fueling and maintaining a reefer unit for the storage of trees if one is used. Storage of fuel, pump or protective clothing within the reefer unit is not permitted. The reefer unit must be kept at a temperature of 2 degrees Celsius. The contractor is responsible for choosing the location of the reefer. The Ministry Representative must approve the reefer unit and the storage location of the reefer unit.