

**RFP 1000164359**

**Reforestation Services at the Chilcotin Military Training Area (CMTA)**

**Questions & Answers**

Q.1 Who will make the determination of a block has un-plantable areas due to rock etc that may cause the overall density to be below the acceptable limit? How was this handled last year?

A.1 Block and low density will be decided by the project authority and quality control contractor and will be discussed at the pre work after contract award. A non plantable spot will not be a fault and if the density is lower because of rock it will not be a fault either. It will be decided on a plot by plot basis.

Q.2 How often can I expect to be paid?

A.2 The resulting contract includes payment in PART 6, 7.3 "Method of Payment".

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**Amendment 1**

1.0 "Annex B" is amended to include Blocks 1,2,3,4,5,6,7,8,9 and 17 and their respective estimated area (Ha). See attached revised page 30 of 42.

2.0 "Annex C" is amended as follows:

Block Name 17, Target Planted Stems/ha is changed to 1000.

3.0 "Annex G" is amended as follows:

To include Blocks 1,2,3,4,5,6,7,8,9 and 17 and their respective estimated area (Ha). See attached revised page 41 of 42

**ANNEX "B"**

**BASIS OF PAYMENT**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid an all inclusive firm hectare price(s) as specified in the contract. Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

<b>Cut Block #</b>	<b>Estimated Area (Ha)</b>	<b>Price Per Hectare (\$)</b>	<b>Total Price for Cut Block</b>
<i>A1 (REM)</i>	339.7		
<i>C2</i>	23.32		
<i>D24</i>	60.24		
<i>A8-A (REM)</i>	6.33		
<i>D6S</i>	58.53		
<i>D6N</i>	152.09		
<i>F1A</i>	10.84		
<i>F21</i>	2.08		
<i>E4N</i>	17.15		
<i>E4S</i>	80.81		
<b>Totals</b>	<b>1989.15</b>		

<b>F Cut Block #</b>	<b>Estimated Area (Ha)</b>	<b>Price Per Hectare (\$)</b>	<b>Total Price for Cut Block</b>
<i>1</i>	142.45		
<i>2</i>	100.96		
<i>3</i>	50.17		
<i>4</i>	124.90		
<i>5</i>	12.60		
<i>6</i>	12.90		
<i>7</i>	5.80		
<i>8</i>	2.40		
<i>9</i>	17.90		
<i>17</i>	4.10		
<b>Totals</b>	<b>474.18</b>		

Maximum GST Payable (5%) ..... \$  
**Total Contract Value** ..... \$

As per industry standard, the all inclusive per hectare rate(s) is a firm rate which includes all payroll, overhead costs and profits, travel and miscellaneous expenses required to complete the work. Goods and Service Tax or Harmonized Sales Tax is extra, if applicable. (Note: All inclusive per hectare rate(s) are not to be quoted as ranges)

**Payment Calculations**

**Planting Density:** A calculation is made to determine if the minimum planting density, as specified in the contract, was attained. Planting density is equivalent to the average number of trees per hectare. This is found by dividing the total number of trees planted in the plots by the total number of plots.

$$\frac{108 \text{ trees} = \text{average } 6.0 \text{ trees per plot}}{18 \text{ plots}}$$

Since plot size is 1/200<sup>th</sup> hectare; the 6.0 average trees per plot x 200 = 1200 trees per hectare.

**Planting Quality:** Planting quality is determined by dividing the total satisfactorily planted trees by the number of plantable spots, converted to a percentage.

$$\frac{PQ(\%) = 96 \text{ satisfactory trees}}{104 \text{ plantable spots}}$$

$$X 100 = 92.31\%$$

**Planting Payment:** The unit price payable (PAY%) is determined by the following formula:

$$PAY \% = \frac{(PQ \% \times 1.08) - [(100 - (PQ\% \times 1.08))^2]}{8}$$

**Excess Charges:** Percent excess is calculated by dividing the excess trees by the total trees planted.

$$\frac{7 \text{ excess trees} \times 100 = 6.5\%}{108 \text{ trees planted}}$$

Excess charges are calculated using the following table to for all units, with the exception of low density (<800 sph) planting units, or as specified in the contract. Note that charges are cumulative once excess has exceeded 12%.

% Excess	Charge
0 – 7%	No Charge.
7.1% - 12%	(Excess %/100-0.07) x total trees for payment area x price per tree
>12%	(Excess %/100-0.12) x total trees for payment area x \$0.20

On low density (<800 sph) planting units a 10% tolerance is applied before charges are levied for excess trees and the following table is used to calculate excess charges. Note that charges are cumulative once excess has exceeded 15%.

% Excess	Charge
0 – 10%	No Charge.
10.1% - 15%	(Excess %/100-0.10) x total trees for payment area x price per tree
>15%	(Excess %/100-0.12) x total trees for payment area x \$0.20

**ANNEX "G"**

**CMTA SPRING 2015 - PRICING TABLE**

<b>Cut Block #</b>	<b>Estimated Area (Ha)</b>	<b>Price Per Hectare (\$)</b>	<b>Total Estimated Bid Price for Cut Block</b>	<b>Notes</b>
<i>A1 (REM)</i>	339.7			*Overflow Block
<i>C2</i>	23.32			
<i>D24</i>	60.24			
<i>A8-A (REM)</i>	6.33			
<i>D6S</i>	58.53			
<i>D6N</i>	152.09			
<i>F1A</i>	10.84			
<i>F21</i>	2.08			
<i>E4N</i>	17.15			
<i>E4S</i>	80.81			
<b>Total Pli</b>	<b>1989.15</b>			
<i>1</i>	142.45			
<i>2</i>	100.96			
<i>3</i>	50.17			
<i>4</i>	124.90			
<i>5</i>	12.60			
<i>6</i>	12.90			
<i>7</i>	5.80			
<i>8</i>	2.40			
<i>9</i>	17.90			
<i>17</i>	4.10			
<b>Total Fdi</b>	<b>474.18</b>			

**Total estimated Contract Price:**