

PLANTING CONTRACTOR RISK RATING FORM FOR DETERMINATION OF REQUIRED QUALIFICATIONS FOR INVITATIONS TO TENDER PLANTING

***** THIS RISK RATING FORM APPLIES AS AN AVERAGE TO THE ENTIRE PLANTING PROJECT *****

CRITICAL SITE FACTORS	LOW or N/A	MODERATE	HIGH TO VERY HIGH	QUALIFICATIONS	NOTES
Planting Difficulty <i>Complete FS703 form</i> <i>Note: consider whole planting project</i>	• < 10 points	• 10 - 20 points	• 21 – 30 points Or • > 31 points	None	
Site Preparation	• Site prepared	• Inconsistent site preparation	• none	None	
Obstacle Planting	• < 20%	• 20-60%	• > 60%	Equivalency % /reference	
Fill Plants (% of Blks)	• < 15%	• 15-30%	• > 30%	Equivalency % /reference	
Microsite Planting (% of total trees)	• < 15%	• 15-30%	• > 30%	Equivalency % /reference	
Species Mix (avg per blk)	• 1 species	• 2-3 species	• 3+ species	Reference	
Screefing Requirement (% of total trees)	• None required >80%	• boot screef > 50% • Or 20X20 mineral soil screef 20% - 50%	• 20 X 20 mineral soil screef >50%	None	
Fill Plants (density sph)	• >1000/Ha	• 500-1000/Ha	• <500/Ha (High) • <300/Ha (Very High)	None	
Extras: (Time of Plant) - Tubing - Fertilizer - Plantskydd	• < 10% • None • None	• 10-20% • 1-50% of the trees • 1-50% of the trees	• >20% • >50% of the trees • >50% of the trees	Equivalency % /reference	
Extras: (Maintenance) - Tubing - Plantskydd	• <20% • None	• 20-50% • 200-600/Ha	• >50% • >600/Ha	Equivalency % /reference	
Block Type	• clearcut	• low retention • patch cuts	• high retention	None	
Block Size (ha's): Coast Interior	• Large • > 15 ha • > 40 ha	• Small-Medium • 5-15 ha • 15-40 ha	• Small-Very Small • < 5 ha • < 15 ha	None	
Estimated Travel Time	• < 1 hour drive	• 1 to 2 hours drive	• camp • > 2 hours drive	None	
Stock Thawing	• Thawed already • initiated by BCTS	• Contractor initiates thaw at cold storage	• On site contractor managed thawing	Reference	

CRITICAL SITE FACTORS	LOW or N/A	MODERATE	HIGH TO VERY HIGH	QUALIFICATIONS	NOTES
Stock Storage	<ul style="list-style-type: none"> tarp only no reefer 	<ul style="list-style-type: none"> reefer 	<ul style="list-style-type: none"> multiple reefer sites 	Reference	
Timeframe Tender to Actual Start Date	<ul style="list-style-type: none"> > 8 weeks 	<ul style="list-style-type: none"> 4-8 weeks 	<ul style="list-style-type: none"> < month 	None	
Number of Blocks	<ul style="list-style-type: none"> <10 	<ul style="list-style-type: none"> 10-25 	<ul style="list-style-type: none"> >25 	None	
Planting Time Frame	<ul style="list-style-type: none"> > 6 weeks 	<ul style="list-style-type: none"> 4-6 weeks 	<ul style="list-style-type: none"> < 4 week 	Reference	
Specialized Requirements: <ul style="list-style-type: none"> Special equipment Danger Tree Assessor/Faller Prime Contractor 	<ul style="list-style-type: none"> Not Required 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Required 	Reference	
Project Size Interior: Coast:	<ul style="list-style-type: none"> < 500 K <100-150K 	<ul style="list-style-type: none"> 500k-1 million 150-300K 	<ul style="list-style-type: none"> > 1 million >300K 	Equivalency % /reference	
Minimum Daily Production	<ul style="list-style-type: none"> Coastal <10k Interior <25 K 	<ul style="list-style-type: none"> Coastal 10-25k Interior 25-50 K 	<ul style="list-style-type: none"> Coastal >25k Interior > 50 K 	Equivalency % /reference	
Block Dispersion	<ul style="list-style-type: none"> close to each other or within 15 minutes drive or <5min. flight if heli access of each other 	<ul style="list-style-type: none"> Most close to each other with a couple dispersed or clustered 	<ul style="list-style-type: none"> dispersed over large area 	None	
Timing of Viewing	<ul style="list-style-type: none"> Fall (for following year plant) 	<ul style="list-style-type: none"> Winter (for Spring plant) 	<ul style="list-style-type: none"> Spring to summer (summer or fall plant) 	None	
Percentage of contract that is Viewable	<ul style="list-style-type: none"> >90% 4x4 or quad 	<ul style="list-style-type: none"> 50-90% 4x4 or quad 	<ul style="list-style-type: none"> High -Over 50% inaccessible or unharvested Very High – over 75% inaccessible. 	Equivalency%/ reference	

Access: planters/trees					
-Heli	<ul style="list-style-type: none"> None/ <20% 	<ul style="list-style-type: none"> 20-40% 	<ul style="list-style-type: none"> High 40-70% Very High >70% 	Equivalency %/Reference	
-ATV	<ul style="list-style-type: none"> None/ under 20% 	<ul style="list-style-type: none"> 20-40% 	<ul style="list-style-type: none"> >40% 	Equivalency %/Reference	
-Boat/Barge	<ul style="list-style-type: none"> None/ <10% 	<ul style="list-style-type: none"> 10-30% 	<ul style="list-style-type: none"> High 30-50% Very High >50% 	Equivalency %/Reference	
Other Factors:					
Deliverables	<ul style="list-style-type: none"> Hardcopy maps & spreadsheets 	<ul style="list-style-type: none"> Digital plot & data submission Basic record keeping 	<ul style="list-style-type: none"> Payment plots by contractor Full Regen delay data collection Data download (ie plantwzard) GPS of strata GENUS reporting 	Reference / Samples submitted	
Season	<ul style="list-style-type: none"> Coast -N/A Central/North/East -Summer -Spring Southern -Spring Kootenays -Spring 	<ul style="list-style-type: none"> Coast -Spring Central/North/East -N/A Southern -Fall Kootenays - Fall 	<ul style="list-style-type: none"> Coast -Fall Central/North/East -Fall Southern -Summer Kootenays -Summer 	Reference	

Risk Rating forms for Planting Qualifications – How they work

1. Complete the risk rating form for each critical site factor (do this with a general view to you project)
2. Where a moderate ranking is achieved, a decision can be made (where a qualification is indicated) whether a qualification is required or not.
3. Where a high or very high score is indicated, include the qualification requirement. The choice to not include the qualification requirement is still an option but this should be well thought out and documented.
4. Include the risk rating form in the tender documents as information
5. Use the risk rating form for your reference checks
6. Equivalency percentage can be set by the project manager. (70% seems fair but up for debate)
7. The risk rating form should not be used in place of viewing the project by the contractors.

The following is an example of how these qualifications could be included in the Conditions of Tender document:

The Bidder must submit 2 references from within the last 4 years who can verify with 70% equivalency (or put in the actual number) the proponents experience in fill planting.

The Bidder must submit 2 references from the last 4 years who can verify the proponents experience mixed species planting with 3 or more species.

These qualifications would take the place of all the current qualifications that are being included by each Business Area.

A mandatory criterion, such as Safe company certification, is already a part of the BCTS version of the Conditions of Tender.