

U.S. DEPARTMENT OF AGRICULTURE FOREST SERVICE INTEGRATED RESOURCE CONTRACT (Applicable to Contracts with Measurement before Harvest)		Name of Contractor	
National Forest Hiawatha	Ranger District St Ignace	Region Eastern	Contract Number
Contract Name Red Squirt Stewardship		Award Date	Termination Date 03/31/2021

The parties to this contract are The United States of America, acting through the Forest Service, United States Department of Agriculture, hereinafter called Forest Service, and _____ hereinafter called Contractor.

Unless provided otherwise herein, Forest Service agrees to sell and permit Contractor to cut and remove Included Timber and Contractor agrees to purchase, cut, and remove Included Timber and complete required stewardship projects.

IN WITNESS WHEREOF, the parties hereto have executed this contract as of the award date.

UNITED STATES OF AMERICA

Two Witnesses:^{2/}

By: _____
 Contracting Officer

 (Name)

 (Address)

 (Name)

 (Address)

 (Title)

By: _____
 (Contractor) ^{3/}

 (Title)

 (Business Address)

I, ^{4/} _____, certify that I am the _____
 Secretary of the corporation named as Contractor herein; that _____
 who signed this contract on behalf of Contractor, was then _____
 of the corporation; that the contract was duly signed for and in behalf of the corporation by authority of its governing body, and is
 within the scope of its corporate powers.

**CORPORATE
 SEAL ^{5/}**

INSTRUCTIONS:

1/ If Contractor is a corporation, state a "corporation organized and existing under the laws of the State of _____" and specify the State; if Contractor is a partnership, state a "partnership consisting of _____" and specify the names of each partner; and if Contractor is a sole proprietor doing business under an assumed name, state "(n) individual doing business under the name of _____ City of _____, State of _____."

2/ The signatures and addresses of two witnesses are required if Contractor is other than a corporation.

3/ If Contractor is a co-partnership, the signatures should be: XYZ Company, by John Doe, a member of the firm. If Contractor is a corporation, form of signature should be: XYZ Company, by John Doe, President (or other officer or agent) and the seal of the corporation must be impressed or indicated.

4/ The certificate must be completed if Contractor is a corporation.

5/ For companies incorporated in States that require a corporate seal, if the corporation has no corporate seal that fact shall be stated, in which case a scroll or adhesive seal shall follow the corporate name.

EXAMPLE 1/

Subcontractor Certification
Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion

Contract Name: _____
National Forest: _____

The prospective subcontractor (participants in lower tier covered transactions) certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this contract by any Federal department or agency.

Where the prospective subcontractor is unable to certify to any of the statements in this certification, such prospective subcontractor shall attach an explanation to this proposal.

Name of Subcontractor: _____
Business Address: _____

_____ Date _____ Signature

1/ It is Contractor's responsibility to have subcontractors complete this certification and to maintain a file of completed certifications. This certification does not need to be returned to the Forest Service, except at the written request of the Contracting Officer.

AT.0 - SPECIFIC CONDITIONS. The following conditions apply to the indicated portions of Division BT - Standard Provisions issued September 2004.

AT.1 - Location and Area, applicable to BT.1

This Contract Area of 1327 acres more or less is located in:
T42N-R5W; Sec. 2, 3, 4, 5, 8, 9, 10 and 11; T43N-R5W; Sec. 32, 33 and 34.

AT.2 - Volume Estimate and Utilization Standards, applicable to CT.1, CT.2, CT.4, and GT.4

Species	Product	Estimated Quantity *	Unit of Measure	Minimum Specifications				
				Merchantable Tree		Piece Required to be Removed		
				Diameter Breast High (d.b.h.) (inches)	Number of Minimum Pieces per Tree	Length (feet)	Diameter Inside Bark at Small End (inches)	Net Scale in % of Gross Scale
Aspen	Sawtimber	350.00	CCF	11.0	1	8	9.6	70
Jack Pine	Sawtimber	77.00	CCF	9.0	1	8	7.6	50
Mixed Conifer	Sawtimber	222.00	CCF	9.0	1	8	7.6	50
Mixed Hardwood	Sawtimber	183.00	CCF	11.0	1	8	9.6	50
Pine	Sawtimber	1,162.00	CCF	9.0	1	8	7.6	50
Aspen	Pulpwood	1,016.00	CCF	5.0	1	8	4.0	70
Jack Pine	Pulpwood	93.00	CCF	5.0	1	8	4.0	70
Mixed Conifer	Pulpwood	874.00	CCF	5.0	1	8	4.0	70
Mixed Hardwood	Pulpwood	915.00	CCF	5.0	1	8	4.0	70
Pine	Pulpwood	550.00	CCF	5.0	1	8	4.0	70
Total Quantity		5,442.00	CCF					

* Quantities not included here are described in CT.4.

AT.3- Timber Designations, applicable to CT.3; acres are approximate:

	Number	Acres
Clearcutting Units (CT.3.1)	_____	_____
Specified Road Clearing (CT.3.2)	_____	1
Overstory Removal Units (CT.3.3)	_____	_____
Understory Removal Units (CT.3.4)	_____	_____
Individual Trees (CT.3.5)	_____	335.3
Incompletely Measured Payment Units (CT.3.6)	_____	_____

AT.4 - Timber Payment Rates, applicable to DT.1 and ET.0

AT.4.1 - Escalated Rates, applicable for Species and Products to be Paid for at Rates Escalated under DT.2

Species	Product	Unit of Measure	Rates per Unit of Measure				Required Deposits Slash Disposal \$	Base Index
			Base \$	Advertised \$	Bid Premium \$	Bid (Tentative) \$		
Not Applicable								

AT.4.2- Flat Rates, applicable for Species and Products to be Paid for at Flat Rates

Species	Product	Unit of Measure	Rates per Unit of Measure				Required Deposits Slash Disposal \$
			Base \$	Advertised \$	Bid Premium \$	Bid (Flat) \$	
Aspen	Sawtimber	CCF	1.14	15.56			.00
Jack Pine	Sawtimber	CCF	1.47	52.39			.00
Mixed Conifer	Sawtimber	CCF	1.25	27.78			.00
Mixed Hardwood	Sawtimber	CCF	1.48	53.17			.00
Pine	Sawtimber	CCF	1.81	89.31			.00
Aspen	Pulpwood	CCF	1.14	15.91			.00
Jack Pine	Pulpwood	CCF	1.58	64.69			.00
Mixed Conifer	Pulpwood	CCF	1.29	31.93			.00
Mixed Hardwood	Pulpwood	CCF	1.31	34.92			.00
Pine	Pulpwood	CCF	1.80	88.43			.00

For purposes of convenience in collection and bookkeeping, Bid Rates stated in AT.4 include payment of deposits for contract area betterment required pursuant to 16 USC 576b. Such deposits are not included as Required Deposits defined hereunder.

AT.4.3 - Schedule of Payment Units

Payment Unit No.	App. Acres	To be Escalated under AT.4.1				Total Tentative Payment \$	To be Paid for at Flat Rates under AT.4.2				Total Flat Rate Payment \$	Total Required Deposits for Slash Disposal \$
		Species	Product	Qty	UOM		Species	Product	Qty	UOM		
01	31.2					Aspen	Sawtimber	55.00	CCF			
						Jack Pine	Sawtimber	6.00	CCF			
						Mixed Conifer	Sawtimber	23.00	CCF			
						Mixed Hardwood	Sawtimber	23.00	CCF			
						Pine	Sawtimber	15.00	CCF			
						Aspen	Pulpwood	139.00	CCF			
						Jack Pine	Pulpwood	7.00	CCF			
						Mixed Conifer	Pulpwood	117.00	CCF			
						Mixed Hardwood	Pulpwood	102.00	CCF			
						Pine	Pulpwood	1.00	CCF			
		Total PU Quantity And Value							488.00			CCF
02	46.1					Aspen	Sawtimber	82.00	CCF			
						Jack Pine	Sawtimber	9.00	CCF			
						Mixed Conifer	Sawtimber	33.00	CCF			
						Mixed Hardwood	Sawtimber	34.00	CCF			
						Pine	Sawtimber	21.00	CCF			
						Aspen	Pulpwood	206.00	CCF			
						Jack Pine	Pulpwood	11.00	CCF			
						Mixed Conifer	Pulpwood	173.00	CCF			
						Mixed Hardwood	Pulpwood	151.00	CCF			
						Pine	Pulpwood	2.00	CCF			
		Total PU Quantity And Value							722.00			CCF
04	46					Aspen	Sawtimber	81.00	CCF			
						Jack Pine	Sawtimber	9.00	CCF			
						Mixed Conifer	Sawtimber	33.00	CCF			
						Mixed Hardwood	Sawtimber	34.00	CCF			
						Pine	Sawtimber	21.00	CCF			
						Aspen	Pulpwood	205.00	CCF			
						Jack Pine	Pulpwood	11.00	CCF			
						Mixed Conifer	Pulpwood	172.00	CCF			
						Mixed Hardwood	Pulpwood	151.00	CCF			
						Pine	Pulpwood	2.00	CCF			
		Total PU Quantity And Value							719.00			CCF
05	15.1					Aspen	Sawtimber	0.00	CCF			
						Jack Pine	Sawtimber	3.00	CCF			
						Pine	Sawtimber	35.00	CCF			
						Aspen	Pulpwood	0.00	CCF			
						Jack Pine	Pulpwood	6.00	CCF			
						Mixed Conifer	Pulpwood	0.00	CCF			
						Pine	Pulpwood	23.00	CCF			
		Total PU Quantity And Value							67.00			CCF
06	20					Aspen	Sawtimber	35.00	CCF			
						Jack Pine	Sawtimber	4.00	CCF			
						Mixed Conifer	Sawtimber	14.00	CCF			
						Mixed Hardwood	Sawtimber	15.00	CCF			
						Pine	Sawtimber	9.00	CCF			
						Aspen	Pulpwood	89.00	CCF			
						Jack Pine	Pulpwood	5.00	CCF			
						Mixed Conifer	Pulpwood	75.00	CCF			
						Mixed Hardwood	Pulpwood	66.00	CCF			
						Pine	Pulpwood	1.00	CCF			
Total PU Quantity And Value							313.00	CCF				

Payment Unit No.	App rox. Acres	To be Escalated under AT.4.1		Total Tentative Payment \$	To be Paid for at Flat Rates under AT.4.2		Total Flat Rate Payment \$	Total Required Deposits for Slash Disposal \$	
07	8				Aspen	Sawtimber	0.00	CCF	
					Jack Pine	Sawtimber	0.00	CCF	
					Pine	Sawtimber	118.00	CCF	
					Aspen	Pulpwood	1.00	CCF	
					Jack Pine	Pulpwood	0.00	CCF	
					Mixed Conifer	Pulpwood	0.00	CCF	
					Pine	Pulpwood	171.00	CCF	
					Total PU Quantity And Value		290.00	CCF	
08	34.1				Aspen	Sawtimber	1.00	CCF	
					Jack Pine	Sawtimber	11.00	CCF	
					Pine	Sawtimber	332.00	CCF	
					Aspen	Pulpwood	1.00	CCF	
					Jack Pine	Pulpwood	12.00	CCF	
					Mixed Conifer	Pulpwood	1.00	CCF	
					Pine	Pulpwood	151.00	CCF	
					Total PU Quantity And Value		509.00	CCF	
09	20.2				Aspen	Sawtimber	36.00	CCF	
					Jack Pine	Sawtimber	4.00	CCF	
					Mixed Conifer	Sawtimber	15.00	CCF	
					Mixed Hardwood	Sawtimber	15.00	CCF	
					Pine	Sawtimber	9.00	CCF	
					Aspen	Pulpwood	90.00	CCF	
					Jack Pine	Pulpwood	5.00	CCF	
					Mixed Conifer	Pulpwood	76.00	CCF	
					Mixed Hardwood	Pulpwood	66.00	CCF	
					Pine	Pulpwood	1.00	CCF	
					Total PU Quantity And Value		317.00	CCF	
10	26.2				Aspen	Sawtimber	0.00	CCF	
					Jack Pine	Sawtimber	0.00	CCF	
					Pine	Sawtimber	450.00	CCF	
					Aspen	Pulpwood	0.00	CCF	
					Jack Pine	Pulpwood	0.00	CCF	
					Mixed Conifer	Pulpwood	0.00	CCF	
					Pine	Pulpwood	91.00	CCF	
					Total PU Quantity And Value		541.00	CCF	
11	9.1				Aspen	Sawtimber	8.00	CCF	
					Mixed Conifer	Sawtimber	15.00	CCF	
					Mixed Hardwood	Sawtimber	9.00	CCF	
					Pine	Sawtimber	6.00	CCF	
					Aspen	Pulpwood	39.00	CCF	
					Mixed Conifer	Pulpwood	38.00	CCF	
					Mixed Hardwood	Pulpwood	55.00	CCF	
					Pine	Pulpwood	4.00	CCF	
			Total PU Quantity And Value		174.00	CCF			
12	23.5				Aspen	Sawtimber	21.00	CCF	
					Mixed Conifer	Sawtimber	39.00	CCF	
					Mixed Hardwood	Sawtimber	23.00	CCF	
					Pine	Sawtimber	16.00	CCF	
					Aspen	Pulpwood	102.00	CCF	
					Mixed Conifer	Pulpwood	97.00	CCF	
					Mixed Hardwood	Pulpwood	142.00	CCF	
					Pine	Pulpwood	11.00	CCF	
			Total PU Quantity And Value		451.00	CCF			

Payment Unit No.	App rox. Acres	To be Escalated under AT.4.1		To be Paid for at Flat Rates under AT.4.2				Total Flat Rate Payment \$	Total Required Deposits for Slash Disposal \$				
			Total Tentative Payment \$										
13	16			Aspen	Sawtimber	14.00	CCF		.00				
		Mixed Conifer		Sawtimber	26.00	CCF							
		Mixed Hardwood		Sawtimber	16.00	CCF							
		Pine		Sawtimber	11.00	CCF							
		Aspen		Pulpwood	69.00	CCF							
		Mixed Conifer		Pulpwood	66.00	CCF							
		Mixed Hardwood		Pulpwood	96.00	CCF							
		Pine		Pulpwood	8.00	CCF							
						Total PU Quantity And Value	306.00			CCF			
14	13.4			Aspen	Sawtimber	12.00	CCF		.00				
		Mixed Conifer		Sawtimber	22.00	CCF							
		Mixed Hardwood		Sawtimber	13.00	CCF							
		Pine		Sawtimber	9.00	CCF							
		Aspen		Pulpwood	58.00	CCF							
		Mixed Conifer		Pulpwood	55.00	CCF							
		Mixed Hardwood		Pulpwood	81.00	CCF							
		Pine		Pulpwood	6.00	CCF							
						Total PU Quantity And Value	256.00			CCF			
15	26.4			Aspen	Sawtimber	0.00	CCF		.00				
		Jack Pine		Sawtimber	30.00	CCF							
		Pine		Sawtimber	93.00	CCF							
		Aspen		Pulpwood	1.00	CCF							
		Jack Pine		Pulpwood	33.00	CCF							
		Mixed Conifer		Pulpwood	0.00	CCF							
		Pine		Pulpwood	68.00	CCF							
						Total PU Quantity And Value	225.00			CCF			
		50		1			Aspen			Sawtimber	5.00	CCF	
Jack Pine	Sawtimber		1.00		CCF								
Mixed Conifer	Sawtimber		2.00		CCF								
Mixed Hardwood	Sawtimber		1.00		CCF								
Pine	Sawtimber		17.00		CCF								
Aspen	Pulpwood		16.00		CCF								
Jack Pine	Pulpwood		3.00		CCF								
Mixed Conifer	Pulpwood		4.00		CCF								
Mixed Hardwood	Pulpwood		5.00		CCF								
Pine	Pulpwood	10.00	CCF										
				Total PU Quantity And Value	64.00	CCF							

AT.4.4 - Stewardship Credits, applicable to ET.2.2 and KT-GT.9#

Mandatory Stewardship Projects

Project Number	Project Description	Units of Measure	Quantity	Bid Rate \$	Total Credits
M1	Site Preparation for Natural Regeneration	Acres	31.20		
M2	Site Preparation for Natural Regeneration	Acres	9.10		
M3	Site Preparation for Natural Regeneration	Acres	23.50		
M4	Site Preparation for Natural Regeneration	Acres	16.00		
M5	Site Preparation for Natural Regeneration	Acres	13.40		

Optional Stewardship Projects

Priority	Project Number	Project Description	Units of Measure	Quantity	Bid Rate \$	Total Credits
		Not Applicable				

The following definitions are established for the terms used in AT.4:

Base Rates are the lowest rates of payment for timber that are authorized by this contract. Base Rates remain constant throughout the life of this contract and are not subject to change by rate redetermination, except for reduction under DT.3.1, DT.3.2, or DT.3.3.

Advertised Rates are the minimum acceptable Bid Rates for timber, exclusive of Required Deposits. These rates are those indicated by appraisal, with a cost allowance made for construction of Specified Roads listed in AT.7, but are never less than Base Rates.

Bid Premium Rates are the amounts by which Contractor's bid is in excess of Advertised Rates. The Bid Premium Rates are constant during this contract, except as provided in DT.3.1, DT.3.2, and DT.3.3.

Bid Rates are the rates bid by Contractor (exclusive of Required Deposits for slash disposal and road maintenance) and are the sum of Advertised Rates and Bid Premium Rates. Until a rate redetermination becomes effective, the Bid Rate for species and products in AT.4.1 is the Tentative Rate that is subject to quarterly adjustment under DT.2; for species and products in AT.4.2, the Bid Rate is the Flat Rate.

Required Deposits are deposits that Contractor may be required to pay for slash disposal (16 USC 490) and road maintenance (16 USC 537). Required Deposits may be adjusted as part of a rate redetermination or a Contract Term Extension. The table shows only Required Deposits for slash disposal; road maintenance deposits, if any, are given in KT-FT.3.2#.

Base Index is the specified average of the lumber or other product selling value index used as the basis for computing adjustment in rates for variance in product selling value, as provided in DT.2.

AT.5 - Indices Used in Quarterly Adjustment, applicable to DT.2

Species	Index Name and Date
Not Applicable	

AT.6 - High Stumps, applicable to GT.4.1.2

Species	Product	Maximum Stump Height (inches)
All	Sawtimber	10
All	Pulpwood	6

AT.7 - Specified Roads, applicable to FT.2

Name and Date of Governing Road Specifications: Federal Highway Administration Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects(2003)-english

Project		Design Class	Approx. Length (mi./km.)	Sheet Numbers and Approval Date	Performance Responsibility		
Road No.	Name				Survey	Design	Construction Staking 1/
TI-1	PU-11 Temp Intersection (C) (segment 0 to .01)	Single Lane - 5 mph	.01 / .02	6 03/13/2015	FS	FS	FS BC
TI-2	PU-14 Temp Intersection (C) (segment 0 to .01)	Single Lane - 5 mph	.01 / .02	7 03/13/2015	FS	FS	FS BC

1/ Indicate timing, i.e., before clearing (BC) or after clearing (AC). Applicable to FT.2.1.2

AT.8 - Forest Service Engineering Completion Schedule, applicable to FT.2.1

Road No.	Road Name	Type of Work	Completion Date
	Not Applicable		

AT.9 - Fire Precautionary Period, applicable to HT.2

April 01 to December 01, inclusive

AT.10 - Contractor Responsibility to Furnish Crews and Equipment for:

Initial Fire Suppression, applicable to HT.3

Within 5 road miles

Fire Suppression Reinforcement, applicable to HT.3.1.2 and HT.3.1.3

Within 10 road miles

AT.11 - Contractor's Obligation per Operations Fire, applicable to HT.4.1

Maximum Amount: \$ \$1,500

AT.12 - Termination Date, applicable to IT.2

March 31, 2021

AT.13 - Normal Operating Season, applicable to GT.3.1, GT.6.6, IT.2.1, and JT.3

First Period: June 01 to March 31, inclusive

Second Period: _____ to _____, inclusive

AT.14 - Performance Bond, applicable to JT.1

Performance Bond Amount: _____

AT.15 - Downpayment, applicable to E.T.2.1.1

Downpayment Amount: Not Applicable

AT.16 - Periodic Payment Amount, applicable to ET.2.1.3

	<u>Periodic Payment Determination Date</u>	<u>Amount</u>
Initial Payment:	<u>N/A</u>	<u>N/A</u>
Additional Payment:	<u>N/A</u>	<u>N/A</u>

AT.17 - Market-Related Contract Term Addition Producer Price Index, applicable to IT.2.1.2

Index Name: Wood Chips Index Number: 211135

AT.18 - Inapplicable Provisions

The following listed provisions are hereby made inapplicable. (Instructions: List by reference number and title.)

ET.4	PAYMENTS NOT RECEIVED
IT.2.1.2	MARKET-RELATED CONTRACT TERM ADDITION

AT.19 - List of Special Provisions in Part KT

The following listed special provisions are attached to and made a part of this contract. Provisions with reference numbers followed by # contain blanks into which data have been entered for this contract. (Instructions: List by reference number, title, and date.)

KT-CT.3#	RESERVE TREES (09/2004)
KT-CT.3.0.1#	PROTECTED AREAS (06/2009)
KT-CT.3.5.2#	DESIGNATION BY SPECIES AND DIAMETER (09/2004)
KT-CT.3.5.5#	INDIVIDUAL TREES, CUT TREE MARKING (06/2009)
KT-ET.4	PAYMENTS NOT RECEIVED (08/2012)
KT-FT.1.2#	USE OF ROADS BY CONTRACTOR (09/2004)
KT-FT.3.1#	ROAD MAINTENANCE REQUIREMENTS (09/2004)
KT-FT.3.2#	ROAD MAINTENANCE DEPOSIT SCHEDULE (09/2004)
KT-FT.3.3#	SNOW REMOVAL (06/2009)
KT-GT.3.1.3#	CUTTING SCHEDULE (06/2009)
KT-GT.3.1.4#	OPERATING RESTRICTIONS (06/2009)
KT-GT.3.2#	PROTECTION OF RESERVE TREES (09/2004)
KT-GT.4.1.2	STUMP MARKS (06/2009)
KT-GT.4.2#	SKIDDING AND YARDING REQUIREMENTS (06/2009)
KT-GT.7#	SLASH DISPOSAL MEASURES (06/2009)
KT-GT.9#	STEWARDSHIP PROJECTS (09/2004)
KT-HT.2	FIRE PRECAUTIONS (06/2009)
KT-IT.2.1.2	MARKET-RELATED CONTRACT TERM ADDITION (11/2008)

Contract Name: Red Squirt Stewardship

KT-CT.3# - RESERVE TREES (09/2004)

Notwithstanding the designations for cutting under CT.3.1, CT.3.2, CT.3.3, or CT.3.4, live or dead Recreation, Wildlife and Silvicultural reserve trees or groups of reserve trees within such cutting units or clearings shall be left uncut. Such Reserve trees are identified by ORANGE paint or BLUE plastic diamonds and shall be protected in accordance with KT-GT.3.2#. Units with reserve trees are shown on Contract Area Map.

KT-CT.3.0.1# - PROTECTED AREAS (06/2009)

Notwithstanding the designations for cutting under CT.3.1, CT.3.3, CT.3.4, and CT.3.5, trees within the area to be protected in Payment Unit 01, 13 and 50 shall be left uncut. Boundary trees along the perimeter of Protected Areas have been identified by ORANGE painted boundary consisting of three verticle sposts facing out of the Protected Area, a verticle strip on two sides of the bole facing the direction of the boundary and a stump mark. Boundary trees are not to be cut. Contract Area Map indicates with the symbol "PA" units within which Protected Areas are identified on the ground and are to be left uncut.

KT-CT.3.5.2# - DESIGNATION BY SPECIES AND DIAMETER (09/2004)

Trees that meet Utilization Standards are designated for cutting, as shown on the Tree Designation Table and Sale Area Map, except trees Marked with ORANGE paint or described to be left uncut.

See Tree Designation Table.

Additional trees to be cut, if any, are Marked with N/A paint.

All N/A shall be left as leave trees, unless Marked with N/A paint. Leave N/A trees of the designated cut species, N/A inches stump diameter or greater, to avoid leave tree spacing greater than N/A feet. Cutting unit boundaries and other trees that shall be left uncut are Marked with ORANGE paint.

Distances are measured horizontal distance, outside bark stump height to outside bark stump height. Stump diameter is measured outside bark at stump height in a horizontal and is the average of a measurement across the short axis through the true center of the stump and a second measurement at right angles to the short axis.

Contractor and Forest Service shall agree to skid trail location under BT6.422. Skid trails shall be no greater than N/A feet wide with a N/A foot spacing. Quantities of trees located in skid trails ARE NOT Included Timber under AT2.

Sale Name: Red Squirt Stewardship

KT-CT.3.5.2#, Designation by Species & Diameter (DxSPP)

Tree Designation Table

Payment Unit(s)	Designated Species *	More Than Stump Diameter (inches)	Less Than Stump Diameter (inches)
11, 13, 14	All Species	6.0	No Maximum
02, 12	All species EXCEPT ORANGE painted trees.	6.0	No Maximum
01	All species EXCEPT white spruce, white pine, cedar, hemlock and all ash.	6.0	No Maximum
06	All species EXCEPT white spruce, white pine, cedar, hemlock, all ash and ORANGE painted trees.	6.0	No Maximum
04	All species EXCEPT white and black spruce and cedar.	6.0	No Maximum
09	All species EXCEPT tamarack, white and black spruce, white pine, cedar, hemlock and all ash.	6.0	No Maximum

*All trees are live or recently killed.

- Exterior Boundaries for payment units are designated with three ORANGE painted vertical dots facing into the unit, a vertical ORANGE painted line on each side of the bole facing the direction of the boundary and a stump mark with ORANGE paint.
- In Payment Units 04, 07, 12, 13 and 50 reserve all trees with Blue Diamond plaquards.

Contract Name: Red Squirt Stewardship

KT-CT.3.5.5# - INDIVIDUAL TREES, CUT TREE MARKING (06/2009)

Individual trees to be cut are Marked with indicated color above and below stump height in all or parts of the following Payment Units. Areas of Cut Tree Marking are shown on the Contract Area Map with the symbol "CTM."

PAYMENT UNIT(S)

PAINT COLOR

Contract Name: Red Squirt Stewardship

KT-CT.3.5.5#, Individual Trees, Cut Tree Marking (CTM)

Paint Color Table

Payment Unit(s)	Paint Color
05, 07, 08, 10 and 15	Blue
50	Yellow

- Exterior boundaries for payment units are designated with three vertical spots facing into unit, a vertical line on each side of the bole facing the direction of the boundary and a stump mark with ORANGE paint.
- Protected Area and No-Cut boundaries are designated with three vertical spots facing out of the area, a vertical line on each side of the bole facing the direction of the boundary and a stump mark with ORANGE paint.
- Payment Unit-50 (Road Right of Way) boundary is the extent of the YELLOW paint. Do not cut trees with Blue Dimond plaquards.

KT-ET.4 - PAYMENTS NOT RECEIVED (08/2012)

(a) Payments are due and payable on the date of issue indicated on the bill for collection. When a payment for timber cut and other charges is not received at the location designated by Forest Service by the date specified in the bill for collection, Contracting Officer will suspend all or any part of Contractor's Operations until payment or acceptable payment guarantee is received. Other charges include, but are not limited to:

- (i) Slash disposal and road maintenance deposits;
- (ii) Cooperative work at rates established by specific agreement under ET.2.1.8;
- (iii) Damages pursuant to JT.4;
- (iv) Road use fees;
- (v) Restoration of downpayment pursuant to ET.2.2;
- (vi) Periodic payments pursuant to ET.2.1.3;
- (vii) Extension Deposits pursuant to ET.2.1.7; and
- (viii) Other mandatory deposits.

(b) Failure to pay amounts due by the date specified in the bill for collection shall be considered a breach under JT.3. The 30-day notice period prescribed therein shall begin to run as of the end of business on the date specified for receipt of payments. If the performance or payment is guaranteed by surety bond, the surety will receive a copy of the written notification of breach. Demand will be made on the surety or other institution providing the guarantee or bond instrument for immediate payment 10 days after issuance of written notification of the breach.

(c) Pursuant to the Debt Collection Improvement Act of 1996, as amended, if payment is not received by Forest Service within 15 days after the date of issue indicated on the bill for collection:

(i) Simple interest shall be assessed at the Current Value of Funds Rate as established by the Secretary of the Treasury. Interest will begin to accrue as of the date of issue indicated on the initial bill for collection.

(ii) Debtors will be assessed administrative charges, in addition to the delinquent amount due. Administrative charges are those additional costs incurred by the Government in processing, handling, and collecting delinquent debts.

(iii) A penalty charge of six (6) percent per annum will be assessed on any portion of a debt delinquent more than 90 days. This penalty charge is in addition to interest and administrative charges under paragraphs (c)(i) and (c)(ii). The penalty charge shall accrue from the date of issue indicated on the bill for collection and shall be assessed on all outstanding amounts, including interest and administrative costs assessed under paragraphs (c)(i) and (c)(ii).

(iv) Payments will be credited on the date received by the Federal Depository or Collection Officer designated on the bill for collection.

(d) Forest Service remedies for Contractor's failure to make payment for timber cut and other charges when due, except for accrual of interest, suspension of all or any part of Contractor's Operations, and administrative offset, shall be stayed for so long as:

- (i) A bona fide dispute exists as to Contractor's obligation to make such payment and
- (ii) Contractor files and prosecutes a timely Claim.

Contract Name: Red Squirt Stewardship

KT-FT.1.1.2# - USE OF ROADS BY CONTRACTOR (09/2004)

Contractor's use of existing roads identified on Contract Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

Code	Use Limitations
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by the Forest Service to inform the public of use restrictions. Contractor's use of roads coded R, A, or W shall be in accordance with the following restrictions:

See Restricted Road List Table.

Contract Name: Red Squirt Stewardship

KF-FT.1.2#, Use of Roads by Contractor

Restricted Road Use Table

Road #	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
3124	Burma Grade	Entire Length		R	*Winter use.
3458	Nogi	3458		R	**Restricted weight limit over the Carp River.

*3124 is a designated snowmobile route in the winter. If operations occur during the winter season, snowplowing will require banks to be sloped at the ends of plowed sections and at crossroads; warning signs will be required to warn snowmobile operators where snowplowing begins and ends. Type of signs and locations will be agreed upon with Forest Service Representative as part of the Traffic Control Plan required in GT.6.3.3.

**There shall not be any transportation of logging equipment or log truck use via 3458 from 3458B, south to 3124 due to weight limit restrictions on the bridge over the Carp River. All transportation of equipment and log trucks will haul to and from 3458B via 3458 and 3332, out to M-123.

Contract Name: Red Squirt Stewardship

KT-FT.3.1# - ROAD MAINTENANCE REQUIREMENTS (09/2004)

Contractor shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

See Contract Road Maintenance Requirements Summary Table.

KT-FT.3.1#, Road Maintenance Requirements

Sections 1, 2 and 4 of the Road Maintenance Requirements are attached at the back of contract.

SECTION 3. ROAD MAINTENANCE REQUIREMENTS SCHEDULE

Contract Road Maintenance Requirements Summary

Road	Termini		Miles	Applicable Pre-Haul Road Maintenance Specification			
	From	To		T-8360	T-8130	T-8420	
3468	M-123	End	2.0			P	
3124C	3124	South boundary of PU-13	0.5	P			
3124E	3124	North boundary of PU-10	0.5	P			
3468	M-123	End	2.0	P			
3468A	3468	North boundary of PU-08	0.25	P			
3792B	3468	End	0.5	P			
3792A	3468	South boundary of PU-02	0.3	P			
I110D	3468	PU-09	0.5	P			
I110D	Pipeline	Pipeline	0.1		P		
3458B	3458	Northwest boundary of PU-01	0.25	P			

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

Road	Termini		Miles	Applicable During-Haul Road Maintenance Specification			
	From	To		T-8360			
3468	M-123	End	2.0	P			
3124C	3124	South boundary of PU-13	0.5	P			
3124E	3124	North boundary of PU-10	0.5	P			
3468	M-123	End	2.0	P			
3468A	3468	North boundary of PU-08	0.25	P			
3792B	3468	End	0.5	P			
3792A	3468	South boundary of PU-02	0.3	P			
I110D	3468	PU-09	0.5	P			
I110D	Pipeline	Pipeline	0.1	P			
3458B	3458	Northwest boundary of PU-01	0.25	P			

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Part

SECTION 3. ROAD MAINTENANCE REQUIREMENTS SCHEDULE (Continued)

Road	Termini		Miles	Applicable During-Haul Road Maintenance Specification			
	From	To		T-8360			
3468	M-123	End	2.0	P			
3124C	3124	South boundary of PU-13	0.5	P			
3124E	3124	North boundary of PU-10	0.5	P			
3468	M-123	End	2.0	P			
3468A	3468	North boundary of PU-08	0.25	P			
3792B	3468	End	0.5	P			
3792A	3468	South boundary of PU-02	0.3	P			
I110D	3468	PU-09	0.5	P			
I110D	Pipeline	Pipeline	0.1	P			
3458B	3458	Northwest boundary of PU-01	0.25	P			

P = Purchaser Performance Item, D = Deposit to Forest Service, D3 = Deposit to Third Party

KT-FT.3.1#, Road Maintenance Requirements

SECTION 1. GENERAL

Purchaser's main Road Maintenance responsibility begins: (1) after Purchaser performs Pre-haul Maintenance on a road listed in the Road Maintenance Requirements Schedule; or (2) for all other roads, when Purchaser begins to use the road. Occasional travel by Purchaser's light vehicles, prior to beginning of construction clearing or logging operations in the area accessed by the road, does not constitute beginning of use. Purchaser is not required to perform routine maintenance during periods of inactivity. During periods of inactivity, Forest Service will perform maintenance only as required to meet its needs.

The Purchaser shall maintain roads, commensurate with the Purchaser's use, in accordance with the Road Maintenance Requirements Summary and Road Maintenance Specifications. Performance of road maintenance work by the Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on the Purchaser's operating schedule under Standard Provision BT6.31.

If the Purchaser elects to use different roads than those listed in the Road Maintenance Requirements Summary, the Contracting Officer (CO) or designee shall determine the Purchaser's commensurate share of road maintenance and/or revise road maintenance deposits.

Unless the CO or designee agrees in writing, all Prehaul Maintenance requirements shall be completed on any portion of road prior to hauling on that portion.

The Forest Service shall prepare a revised Road Maintenance Requirements Schedule to reflect changes in the original haul routes when needed.

Any work or materials that are determined to no longer be needed and are waived shall have the estimated cost charged to the Timber Sale Account as described in BT8.31.

KT-FT.3.1#, Road Maintenance Requirements

SECTION 2. ROAD MAINTENANCE DEFINITIONS

Wherever the following terms are used in the Road Maintenance Specifications, the meaning shall be:

Base Course. Material placed on the Subgrade to distribute concentrated wheel loads.

Borrow. Select Material taken from designated borrow sites.

Crown, Inslope, and Outslope. The cross slope of the Traveled Way to aid in drainage and traffic maneuverability.

Culverts. A conduit or passageway under a road, trail, or other obstruction. A culvert differs from a bridge in that it is usually entirely below the elevation of the Traveled Way.

Drainage Dip. A dip in the Traveled Way which intercepts surface runoff and diverts the water off the Traveled Way. A Drainage Dip does not block the movement of traffic.

Drainage Structures. Manufactured structures which control the runoff of water from the Roadway including Inslope, overside drains, aprons, flumes, downdrains and downpipes.

During Haul Maintenance. Road maintenance work to be accomplished during the period of timber removal.

Geotextile. A group of construction fabrics with varying attributes designed for different purposes.

Lead-off Ditches. A ditch used to transmit water from a Culvert, Drainage Structure or Drainage Dip outlet to the natural drainage area.

Maintenance Activity. Items of work leading to the restoration and upkeep of a road and necessary to sustain the road's anticipated traffic.

Material. Any substance specified for use in the performance of the work.

Post Haul Maintenance. Road maintenance work to be accomplished after timber removal is completed.

Prehaul Maintenance. Road maintenance work to be accomplished prior to the roads use. Roads receiving prehaul maintenance shall be shown on the Sale Area Map.

Road Maintenance Cost. An estimate of the cost to perform road maintenance activities; as determined by the Forest Service. Estimates may include any or all of the work activities listed in Section 4, Road Maintenance Activity Specifications.

Roadbed. The portion of a road between the intersection of Subgrade and sideslopes, excluding that portion of the ditch below Subgrade.

Roadside. A general term denoting the area adjoining the outer edge of the Roadway.

Roadway. The portion of a road within the limits of excavation and embankment.

KT-FT.3.1#, Road Maintenance Requirements

SECTION 2. ROAD MAINTENANCE DEFINITIONS (Continued)

Sand Hole. A hole that develops in the running surface of the road which is quite soft and dangerous in nature. Usually found in very sandy soils.

Shoulder. That portion of Roadway contiguous with Traveled Way for accommodation of stopped vehicles, for emergency use, and lateral support of Base and Surface Course, if any.

Slide. A concentrated deposit of materials from above or on backslope extending onto the Traveled Way or Shoulders, whether caused by mass land movements or accumulated ravelling.

Slough. Material eroded from the backslope which partially or completely blocks the ditch, but does not encroach on the Traveled Way so as to block passage of traffic.

Slump. A localized portion of the Roadbed which has slipped or otherwise become lower than that of the adjacent Roadbed and constitutes a hazard to traffic.

Subgrade. Top surface of Roadbed upon which Base Course or Surface Course is constructed. For roads without Base Course or Surface Course, that portion of Roadbed prepared as the finished wearing surface.

Surface Course. The Material placed on the Base Course or Subgrade to enhance traction, distribute concentrated wheel loads and resist abrasion and the effects of climate. Surface Course may be referred to as surfacing.

Traveled Way. That portion of Roadway, excluding Shoulders, used for the movement of vehicles.

Turnouts. That portion of the Traveled Way constructed as additional width on single lane roads to allow for safe passing of vehicles.

KT-FT.3.1#, Road Maintenance Requirements

SECTION 4. ROAD MAINTENANCE SPECIFICATIONS

INCLUDED SPECIFICATIONS

<u>Specification No.</u>	<u>Specification Title</u>
T-8131	Spot Surface Course Placement/Replenishment
T-8420	Cutting Roadway Vegetation
T-8360	Composite High Clearance Road Maintenance

KT-FT.3.1#, Road Maintenance Requirements

T-8130 Spot Surface Course Placement/Replenishment

DESCRIPTION

1.1 Spot Surface Course Placement/Replenishment includes Subgrade preparation, furnishing, hauling, spreading and shaping materials in accordance with the requirements.

MATERIALS

2.1 Surface Course Material will be in accordance with the subsection 3.2 of these specifications. Only commercial sources of aggregate will be accepted, except surfacing material may also be purchased from the government, where available, by filling out a form 2600, paying the required fees, and obtaining a permit.

REQUIREMENTS

3.1 Subgrade Preparation. Prepare Subgrade to receive Surface Course Material at locations as designated on-the-ground by the Forest Service on roads listed below. Prepare the Subgrade by shaping the Roadbed to approximately the original cross-section and consistent with adjacent sections.

3.2 Furnish, haul and spread Material at locations designated on the ground by the Forest Service (FS). Compact the aggregate by operating spreading and hauling equipment over the full width of each layer of the aggregate, or by other methods as specified below.

Road Number	Type Material	Finished Compacted Thickness Specified	Total Quantity (Tons or cu.yds.)	Compaction Method
I110D	MDOT 23A	12 inches	30 CY	A

3.3 Variations. The Purchaser will be required to furnish weight tickets to the FS for each load of commercially obtained crushed aggregate prior to the final inspection. For aggregate purchased from the government, a count of truck loads will be required in addition to finished depth checks for the placed and compacted aggregate. Widths and lengths will be as staked or from schedule. When it is mutually agreed that all or part of the Surface Course Material is not needed, the estimated cost of surfacing not placed shall be charged to the Timber Sale Account in accordance with BT8.31.

T-8420 Cutting Roadway Vegetation

DESCRIPTION

1.1 This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.

EQUIPMENT

2.1 Equipment use may include farm tractor mounted mowing or brushing equipment. If brushing equipment is required it must be of a size and power to cut off and masticate stems up to four inches in diameter. Larger growth may require hand clearing with a chainsaw or mechanized equipment able to handle larger trees.

T-8420 Cutting Roadway Vegetation (Continued)

REQUIREMENTS

- 3.1 Vegetative matter within the Roadway which impedes vehicular travel, and/or interferes with road maintenance operations, such as surface blading and ditch and culvert cleaning shall be removed. Downed timber meeting utilization standards shall be cut in appropriate lengths and decked in locations where agreed upon and the Traveled Way or sight distances will not be impaired.
- 3.2 Vegetative matter removed from the clearing limits shall be scattered outside the clearing limits at least TWO feet perpendicular to the road surface.
- 3.3 Trim tree branches that extend over the road surface and shoulders to attain a clear height of 14 feet. Trim branches flush with the tree or as close as possible without causing damage or scarring to the bole. Area shall be left neatly trimmed.
- 3.4 Any stump removed shall be placed in an upright position out of the clearing limits.
- 3.5 Area shall not be left in an unsightly condition. The FSR shall have the final say over how the area is left.

T-8360 Composite High Clearance Road Maintenance

DESCRIPTION

- 1.1 This work consists of making limited use roads passable for project use by Purchaser and providing drainage from the traveled way and roadbed.

REQUIREMENTS

3.1 Traveled Way

A. Purchaser may smooth or fill existing cross ditches and waterbars and, by agreement, modify existing road junction to enable vehicle access. Prior to beginning haul and resumption of haul after an extended stoppage:

1. Remove brush, fallen trees, rocks, and other debris from traveled way, including turnouts, turnarounds, and other locations that interfere with needed maintenance. No object extending over 4 inches above the road surface shall remain within the 12 feet usable traveled way.
2. Center the usable width of the roadbed or position away from the fill slope.
3. Cut and remove standing or down trees, logs, brush, and limbs from within the 12 feet usable traveled way. Remove encroaching limbs to a height of 14 feet above the traveled way surface. Scatter material not meeting utilization standards outside and below the roadbed on the fill side. Limb and remove designated timber which meets utilization standards or deck at agreed locations.
4. Place all removed material away from drainages and in locations previously agreed to in writing by the FSR.
5. During use, maintain drainage structures including dips, ditches and culverts in a usable condition and surface in a flat, Insloped or Outsloped, or Crowned usable condition.

3.3 Slough and Slides

1. Slough and Slides may be left in place provided surface drainage is adequately provided and at least 12 feet of width is available for vehicle passage.
2. Purchaser may reposition or ramp over Slides and Slough when the Traveled Way is less than 12 feet providing the material is capable of supporting vehicles. Limit Outslope to no more than six percent.

T-8360 Composite High Clearance Road Maintenance (Continued)

3. Reposition Slough or Slide materials, which are not capable of supporting a vehicle, on the roadbed to provide the 12 feet width. When directed by Forest Service, Slough or Slide material will be removed under Section T-8320 Slide, Slump, and Erosion Repair.

3.4 Slumps, Eroded areas, and Washouts

1. Drain the roadbed immediately upgrade of Slumps and longitudinal cracks to prevent water from entering Slump area.
2. Slumps and longitudinal cracks at the edge of the roadbed shall not be considered a part of the usable width. Usable width may be reduced to ten feet in the area of the Slump.
3. Unless Forest Service agrees to material being placed on Slumps, ramp the Slumps on both ends into undisturbed roadbed to provide at least ten feet usable width. Use removed materials to guide vehicles to the ramp location or to aid in draining the area.
4. Eroded areas/washouts may be filled with suitable material and compacted by operating equipment over the fill area.

3.5 Posthaul

A. At the end of hauling or prior to entering into seasonal shutdowns or a period of extended inactivity:

1. Shape the traveled way and disturbed roadbed to provide functional drainage.
2. Reinstall removed cross ditches and waterbars and provide any additional drainage structures necessary to offset changes caused through use and maintenance.
3. Leave roads useable for high clearance vehicles. Remove or reshape Purchaser modifications at road junctions to leave the entrance as it was before use, or as agreed at the time of improvement.
4. Close all roads which were closed previously, using prior existing methodology.

Contract Name: Red Squirt Stewardship

KT-FT.3.2# - ROAD MAINTENANCE DEPOSIT SCHEDULE (09/2004)

Other provisions herein notwithstanding, when Forest Service requests payment in lieu of Contractor's performance of road maintenance, Contractor shall make Required Deposits (16 USC 537) for current and/or deferred road maintenance. Such deposits are based on the estimated volume and distance hauled and Contractor's commensurate use of each road listed in the Road Maintenance Plan in KT-FT.3.1#.

Contractor and Forest Service may agree in writing on adjustment of such rates. If Contractor uses roads under jurisdiction of Forest Service other than those listed in the Road Maintenance Plan, Forest Service shall establish rates commensurate with Contractor's use of such roads.

The Required Deposits for Forest Service work in lieu of Contractor performance and for deferred maintenance is: \$.29 per CCF.

The following table lists who Contractor will make deposits for road maintenance to, and the rate per unit of measure of the deposit. The Road Maintenance Agreement is available for inspection at the Forest Supervisor's Office.

Deposit Made To	Rate	Unit of Measure
-----------------	------	-----------------

N/A

KT-FT.3.3# - SNOW REMOVAL (06/2009)

Snow removal shall be done in a manner that will preserve and protect roads, provide for safe and efficient transport of timber, and prevent erosion damage to streams and adjacent lands. In performing snow removal, Contractor shall adhere to the following performance standards, unless otherwise agreed:

Blade will be equipped with skid shoes to prevent loss of surfacing and damage to the road bed. On gravel and native surface roads, a minimum ONE-inch depth compacted snow mat shall be maintained on the roadbed during blading.

Snow shall be removed from the entire road width, including turnouts.

Snow berms shall be reduced at road intersections where plowed road segments join unplowed road segments. Reduce the piled snow in the roadway to create a smooth transition from plowed road to normal snow depth.

Openings shall be created in snow berms as needed for proper drainage. Remove snow, ice, and debris from culverts and other drainage structures as needed to ensure efficient flow of water.

Tracked or cleated vehicles shall not be used for snow removal without prior written approval of Forest Service Representative.

Contract Name: Red Squirt Stewardship

KT-GT.3.1.3# - CUTTING SCHEDULE (06/2009)

Unless changed by written agreement, only THREE, in addition to the Road Right of Way unit (PU-50) Payment Units may be released for operations at one time, and the sequence of cutting Payment Units shall be : at the option of the Contractor .

Unless there is agreement in writing to postpone specific requirements, all contractual requirements on a Payment Unit shall be accepted by Forest Service prior to the release of an additional Payment Unit.

KT-GT.3.1.4# - OPERATING RESTRICTIONS (06/2009)

Within Contract Area, unless changed by written agreement, the following operating requirements apply:

Restricted operations/activities:

Within all Payment Units operations may need to be halted during spring thaw and rainy periods to prevent excessive rutting and compaction. Operations may need to be halted during drought periods, as soils are vulnerable to erosion.

Within Payment Units 01, 04, 09, 12, 13 and 14 equipment operations may occur when soils are capable of supporting equipment which is normally judged to be six inches of frozen soil and/or 12 inches of compact snow.

Within Payment Units 02 and 07 equipment operations may only occur when soils are capable of supporting equipment operations normally judged by six inches of frozen soil and/or 12 inches of compact snow or when the water table is at least 15 inches below the surface of the ground.

Within Payment Units 05, 06, 08, 10, 11 and 15 equipment operations may only occur when soils are capable of supporting equipment operations without incurring detrimental compaction, puddling or rutting.

Prohibited operations/activities:

No decking will be allowed within 70 feet of M-123 and FR3124 (Burma Grade).

Harvest Operations in Payment Unit-09 are not permitted outside of the winter season.

Within all Payment Units windthrowing of slash is to be avoided and all slash resulting from Contractor's operations shall lie within four feet of the ground.

Contract Name: Red Squirt Stewardship

KT-GT.3.2# - PROTECTION OF RESERVE TREES (09/2004)

Contractor's damage or destruction of reserve trees described in KT-CT.3# will cause serious and substantial silvicultural or other damage to the National Forest. It will be difficult if not impossible to determine the amount of such damage. Therefore, Contractor shall pay as fixed, agreed, and liquidated damages \$ 200.00 for each ORANGE painted reserve tree and \$ 50.00 for each BLUE Diamond reserve tree damaged or destroyed by Contractor's Operations, in addition to amounts payable under DT.4.4 and DT.4.5.

Damage, as used herein, includes any injury to the living crown, bole, or roots of reserve trees. If areas are marked on the ground around such reserve trees, operation of heavy equipment or skidding of products within the area shall be considered to be damage to the tree.

KT-GT.4.1.2 - STUMP MARKS (06/2009)

Trees designated for cutting under CT.3.5 have been marked with paint at breast height and below stump height. Trees shall be felled so as to leave paint on stump.

KT-GT.4.2# - SKIDDING AND YARDING REQUIREMENTS (06/2009)

As used in this provision, skidding equipment includes rubber-tire and track-mounted skidders, forwarders, bunchers, processors, and any other mechanized equipment that is used off of landings and roads.

Within Payment Unit(s), as shown on Contract Area Map with symbol "SYR": Within Payment Units 05, 07, 08, 10 and 15 unless agreed upon in writing, the overall width of the felling and skidding equipment, including blade, shall not exceed 9.5 feet

Within portions of Payment Unit(s), as shown on Contract Area Map with symbol "SYR" and cross-hatching:

N/A

Contract Name: Red Squirt Stewardship

KT-GT.7# - SLASH DISPOSAL MEASURES (06/2009)

Slash resulting from Contractor's operations shall be removed from lakes, ponds, private land, right-of-way clearings for telephone lines, power lines, pipelines and other authorized facilities, and landings to be seeded under KT-GT.6#.

The tops of trees shall not be left hanging in standing trees. All trees cut for landing and other construction clearings shall be completely severed and not left leaning. Slash resulting from construction clearing shall be treated concurrent with harvest operations.

Other specific slash disposal requirements are as follows:

Within 25 feet of the cleared edge (tree line), along M-123 and FR3124 all slash resulting from Contractor's operations shall be removed.

Within 25 feet of the edge of the North Country Trail all slash resulting from Contractor's operations shall be removed; an additional 25 feet the slash shall lie within two feet of the ground.

Slash Disposal treatment zones are shown on the Contract Area Map with symbol "SDZ."

KT-GT.9# - STEWARDSHIP PROJECTS (09/2004)

Performance of stewardship projects shall be in accordance with the following specifications.

Stewardship Projects

KT-GT.9# Conservation Projects

Project Number M1: Site Preparation for Natural Regeneration Unit 02

Project Number M2: Site Preparation for Natural Regeneration Unit 11

Project Number M3: Site Preparation for Natural Regeneration Unit 12

Project Number M4: Site Preparation for Natural Regeneration Unit 13

Project Number M5: Site Preparation for Natural Regeneration Unit 14

TECHNICAL SPECIFICATIONS - SITE PREPARATION

Within work items M1 and M3, cut all hardwood stems greater than one inch diameter at breast height (DBH) and all conifer stems greater than three inches DBH, excluding painted reserve trees which are identified with an ORANGE painted band around the bole of the tree and a stump mark.

Within work items M2, M4 and M5 cut all hardwood stems greater than one inch DBH and all conifer stems greater than three inches DBH, excluding reserve islands which are designated with ORANGE paint consisting of three vertical spots facing out of the reserve island, a vertical line on two sides of the bole facing the direction of the boundary and a stump mark.

Do not cut anything within the no-cut areas within work items M2, M4, and M5 which are designated on the ground with three vertical spots facing out of the area, a vertical line on each side of the bole facing the direction of the boundary and a stump mark with ORANGE paint.

Do not cut any Payment Unit boundary trees which are designated on the ground with three vertical spots facing into unit, a vertical line on each side of the bole facing the direction of the boundary and a stump mark with ORANGE paint.

Do not cut any snags.

Cut trees shall be directionally felled away from all trail, road and utility rights of way and should not be placed into any water feature and shall be made to lie within four feet of the ground.

All trees required to be cut shall be cut below the lowest live limb except when prevented by natural obstacles. All live limbs below the cutting point, including those which may originate below ground level, shall be removed.

Trees required to be cut shall be completely severed from the stump.

All hang-up trees shall be pulled down and be made to lie on the ground.

All stumps shall not exceed six inches in height.

Standard Provisions including but not limited to the following apply to this Conservation Project:

AT.6/GT.4.1.2 Stump Heights

GT.2.2 Protection of Improvements

GT.2.2.1 Protection of Improvements Not Owned by Forest Service

GT.2.2.2 Protection of Property

GT.2.3 Protection of Land Survey Monuments

GT.2.4 Protection Measures Needed for Plants, Animals, Cultural Resources, and Cave Resources

GT.3.3 Safety

GT.3.4 Sanitation and Servicing

GT.3.5 Equipment Cleaning

GT.6 Erosion Prevention and Control

KT-GT.3.1.3 Operating Restrictions

KT-GT.7# Slash Disposal Measures

STEWARDSHIP CREDITS.

"Stewardship Credits" are credits that are earned and established when work described in KT-GT.9#, of the sample contract, has been performed and accepted. Stewardship Credits shall be earned at the rate as shown in AT.4.4. Earned Stewardship Credits may be used to pay for Included Timber value in excess of Base Rates and Required Deposits. Base Rates and Required Deposits must be paid in cash.

In the event there are unused established Stewardship Credits when all of the Included Timber has been cut and removed, Forest Service, at its option, shall either add more timber or make cash payment for the unused Stewardship Credits.

Contract Name: Red Squirt Stewardship

KT-HT.2 - FIRE PRECAUTIONS (06/2009)

Unless otherwise agreed in writing between the Contractor and the Contracting Officer, the following are specific precautionary measures applicable during Contractor's Operations in Fire Precautionary Period as indicated in AT.9:

1. Contractor shall maintain Forest Service-approved spark arresting devices on any piece of equipment operated by an internal combustion motor. In addition, each piece of motorized equipment shall be equipped with a serviceable round-pointed shovel and an operational fire extinguisher of at least five-pound rating suitable for the equipment being used. All chainsaw operators will have a serviceable round-pointed shovel and one-pound multipurpose fire extinguisher readily available.
2. Contractor shall require that smoking and the building of lunch or warming fires by Contractor's employees, contractors, or subcontractors be confined to designated safe places where flammable debris has been cleared away and where, at the option of the Contractor, smoking or the building of lunch or warming fires may be permitted.
3. Adequate spark arresters shall be maintained on chimneys or stovepipes where wood or coal is being burned in an enclosed device.
4. Contractor shall furnish serviceable firefighting tools. Location, numbers, and types of tools shall be specified in the Fire Prevention and Control Plan in accordance with HT.1.

KT-IT.2.1.2 - MARKET-RELATED CONTRACT TERM ADDITION (11/2008)

The term of this contract may be adjusted when a drastic reduction in wood product prices has occurred in accordance with 36 CFR 223.52. The Producer Price Index used to determine when a drastic reduction in price has occurred is stated in AT.17. Contractor will be notified whenever the Chief determines that a drastic reduction in wood product prices has occurred. If the drastic reduction criteria specified in 36 CFR 223.52 are met for 2 consecutive calendar quarters, after contract award date, Contracting Officer will add 1 year to the contract term, upon Contractor's written request. For each additional consecutive quarter such a drastic reduction occurs, Contracting Officer will, upon written request, add an additional 3 months to the term during Normal Operating Season, except that no single 3-month addition shall extend the term of the contract by more than one year. Contracting Officer must receive Contractor's written request for a market-related contract term addition before the expiration of this contract.

No more than 3 years shall be added to a contract's term by market-related contract term addition unless the following conditions are met:

- (i) The contract was awarded after December 31, 2006; and
- (ii) A drastic reduction in wood product prices occurred in at least ten of twelve consecutive quarters during the contract term, but not including the quarter in which the contract was awarded.

For each qualifying quarter meeting the criteria in paragraphs (i) and (ii) of this provision, the Forest Service will, upon the Contractor's written request, add an additional 3 months during the normal operating season to the contract, except no single 3-month addition shall extend the term of a contract by more than 1 year.

In no event shall a revised contract term exceed 10 years as a result of market-related contract term addition.

Additional contract time may not be granted for those portions of the contract that have a required completion date or for those portions of the contract where Contracting Officer determines that the timber is in need of urgent removal or that timber deterioration or resource damage may result from delay.