

PART I - SCHEDULE OF ITEMS

SECTION B – SERVICES AND PRICES

East Zone Road Improvements
FR164, FR325, FR326 and FR336
Tofte and Gunflint Ranger Districts
Superior National Forest
Cook County

B-1 SCHEDULE OF ITEMS

FR 164 HONEYMOON ROAD BASE ITEMS

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
164-15101	Mobilization	Lump Sum	1	\$	\$
164-15201	Construction survey and staking, tolerance A	Lump Sum	1	\$	\$
164-15401	Contractor testing	Lump Sum	1	\$	\$
164-20301a	Removal of existing culverts, disposal method A	Lump Sum	1	\$	\$
164-20424	Drainage excavation, ditch construction	Foot	2500	\$	\$
164-30107a	6" Aggregate surface course, grading P (MNDOT Class 1 Modified), compaction method A, loose volume	Cubic Yard	14119	\$	\$
164-30107b	Additional Aggregate Surfacing, Grading P, Compaction A	Cubic Yard	650	\$	\$
164-30302	Road reconditioning, ditch cleaning	Foot	5000	\$	\$
164-31403	Development of government furnished gravel source	Lump Sum	1	\$	\$
164-60201a	21-inch span, 15-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	184	\$	\$
164-60201b	24-inch span, 18-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	26	\$	\$
164-60201c	28-inch span, 20-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	26	\$	\$
164-62552	Seeding and mulching, dry method	Lump Sum	1	\$	\$
164-63501	Temporary traffic control	Lump Sum	1	\$	\$

FR 164 HONEYMOON ROAD OPTIONAL ITEMS

164-20424b	Drainage excavation, ditch construction	Foot	2500	\$	\$
164-30302b	Road reconditioning, ditch cleaning	Foot	7000	\$	\$
164-31202	Calcium Chloride, 0.3 gal/sq yd, 14' wide	Gallon	9233	\$	\$
164-31401	Stockpiled aggregate, grading P (MNDOT Class 1 Modified), loose volume	Cubic Yard	500	\$	\$
164-60201d	21-inch span, 15-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	836	\$	\$
164-60201e	35-inch span, 24-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	80	\$	\$
164-63310a	Remove/Install/Replace sign and post, Stop (R1-1)	Each	3	\$	\$

164-63310b	Remove/Install/Replace sign and post, Stop Ahead (W3-1A)	Each	2	\$	\$
164-63310c	Remove/Install/Replace sign and post, Route Marker (M1-7-18), 164	Each	2	\$	\$
164-63312	Remove and dispose of excess signs along FR325	Lump Sum	1	\$	\$

FR 325 SOUTH BRULE ROAD BASE ITEMS

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
325-15101	Mobilization	Lump Sum	1	\$	\$
325-15201	Construction survey and staking, tolerance A	Lump Sum	1	\$	\$
325-15401	Contractor testing	Lump Sum	1	\$	\$
325-20301a	Removal of existing culverts, disposal method A	Lump Sum	1	\$	\$
325-20301b	Removal of rocks within roadbed and road vicinity	Each	15	\$	\$
325-20424	Drainage excavation, ditch construction	Foot	100	\$	\$
325-30107a	6" Aggregate surface course, grading P (MNDOT Class 1 Modified), compaction method A, loose volume	Cubic Yard	14100	\$	\$
325-30107b	Additional Aggregate Surfacing, Grading P, Compaction A	Cubic Yard	915	\$	\$
325-30302	Road reconditioning, ditch cleaning	Foot	10290	\$	\$
325-31403	Development of government furnished gravel source	Lump Sum	1	\$	\$
325-60201a	18-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	390	\$	\$
325-60201b	24-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	328	\$	\$
325-60201c	30-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	66	\$	\$
325-60201d	17-inch span, 13-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	56	\$	\$
325-60201e	21-inch span, 15-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	32	\$	\$
325-60201f	71-inch span, 47-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)(5"x1" Corrugations)	Foot	74	\$	\$
325-62552	Seeding and mulching, dry method	Lump Sum	1	\$	\$
325-63501	Temporary traffic control	Lump Sum	1	\$	\$

FR 325 SOUTH BRULE ROAD OPTIONAL ITEMS

325-31401a	Stockpiled aggregate, grading P (MNDOT Class 1 Modified), loose volume	Cubic Yard	500	\$	\$
325-60201g	18-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	146	\$	\$
325-60201h	24-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	40	\$	\$
325-60201i	17-inch span, 13-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	30	\$	\$
325-63310a	Remove/Install/Replace sign and post, Stop (R1-1)	Each	2	\$	\$
325-63310b	Remove/Install/Replace sign and post, Stop Ahead (W3-1A)	Each	2	\$	\$
325-63310c	Remove/Install/Replace sign and post, Route Marker (M1-7-18),	Each	2	\$	\$

325-63310d	Remove/Install/Replace sign and post, Feature destination sign (FRD-1, "TWIN LAKES")	Each	1	\$	\$
325-63312	Remove and dispose of excess signs along FR325	Lump Sum	1	\$	\$

FR 326 BRULE LAKE ROAD BASE ITEMS

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
326-15101	Mobilization	Lump Sum	1	\$	\$
326-15201	Construction survey and staking, tolerance A	Lump Sum	1	\$	\$
326-15401	Contractor testing	Lump Sum	1	\$	\$
326-20301a	Removal of existing culverts, disposal method A	Lump Sum	1	\$	\$
326-20301b	Removal of rocks within roadbed and road vicinity	Each	10	\$	\$
326-30107a	6" Aggregate surface course, grading P (MNDOT Class 1 Modified), compaction method A, loose volume	Cubic Yard	14500	\$	\$
326-30107b	Additional Aggregate Surfacing, Grading P, Compaction A	Cubic Yard	820	\$	\$
326-30302	Road reconditioning, ditch cleaning	Foot	2265	\$	\$
326-31403	Development of government furnished gravel source	Lump Sum	1	\$	\$
326-60201a	21-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	282	\$	\$
326-60201b	24-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	264	\$	\$
326-60201c	60-inch pipe culvert, polymer-coated steel, 14 ga (no bands)(5"x1" corrugations)	Foot	44	\$	\$
326-62552	Seeding and mulching, dry method	Lump Sum	1	\$	\$
326-63501	Temporary traffic control	Lump Sum	1	\$	\$

FR 326 BRULE LAKE ROAD OPTIONAL BID ITEMS

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
326-30302	Road reconditioning, ditch cleaning	Foot	1780	\$	\$
326-31401b	Stockpiled aggregate, grading P (MNDOT Class 1 Modified), loose volume	Cubic Yard	1000	\$	\$
326-63310a	Remove/Install/Replace sign and post, Stop (R1-1)	Each	3	\$	\$
326-63310b	Remove/Install/Replace sign and post, Stop Ahead (W3-1A)	Each	1	\$	\$
326-63310c	Remove/Install/Replace sign and post, Route Marker (M1-7-18),	Each	1	\$	\$
326-63310d	Remove/Install/Replace sign and post, Feature destination sign (FRD-1, "STAR LAKE")	Each	1	\$	\$
326-63310e	Remove/Install/Replace sign, Recreation symbol, Canoeing (RS-079)	Each	1	\$	\$
326-63310f	Remove/Install/Replace sign and post, One Way (R6-1)	Each	1	\$	\$
326-63310g	Remove/Install/Replace sign, "No Camping"	Each	1	\$	\$
326-63310h	Remove/Install/Replace sign and post, Do Not Enter (R5-1)	Each	1	\$	\$
326-63312	Remove and dispose of excess signs and/or structures (Wheelstops)	Lump Sum	1	\$	\$

FR 336 ONION RIVER ROAD BASE ITEMS

ITEM NO.	DESCRIPTION	PAY UNIT	EST. QTY.	UNIT PRICE	TOTAL PRICE
336-15101	Mobilization	Lump Sum	1	\$	\$
336-15201	Construction survey and staking, tolerance A	Lump Sum	1	\$	\$
336-15401	Contractor testing	Lump Sum	1	\$	\$
336-20301a	Removal of existing culverts, along road and within woods, disposal method A	Lump Sum	1	\$	\$
336-20301b	Removal of rocks within roadbed and road vicinity	Each	9	\$	\$
336-20412	Select granular borrow, 3" minus, compaction method A	Cubic Yard	1225	\$	\$
336-20424	Drainage excavation, ditch construction	Foot	80	\$	\$
336-30107a	6" Aggregate surface course, grading P (MNDOT Class 1 Modified), compaction method A, loose volume (from MP 0.00 to 2.12 and through parking lot)	Cubic Yard	5500	\$	\$
336-30107a	4" Aggregate surface course, grading P (MNDOT Class 1 Modified), compaction method A, loose volume (from MP 2.12 to POE)	Cubic Yard	3260	\$	\$
336-30107a	Additional aggregate, grading P, compaction method A	Cubic Yard	290	\$	\$
336-30302	Road reconditioning, ditch cleaning	Foot	1980	\$	\$
336-31403	Development of government furnished gravel source	Lump Sum	1	\$	\$
336-60201a	18-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	116	\$	\$
336-60201b	21-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	96	\$	\$
336-60201c	24-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	102	\$	\$
336-60201d	30-inch pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	70	\$	\$
336-60201e	42-inch pipe culvert, polymer-coated steel, 12 ga (no bands)	Foot	76	\$	\$
336-60201f	72-inch pipe culvert, polymer-coated steel, 10 ga (no bands)	Foot	52	\$	\$
336-60201g	21-inch span, 15-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	62	\$	\$
336-60201h	35-inch span, 24-inch rise, pipe culvert, polymer-coated steel, 14 ga (no bands)	Foot	64	\$	\$
336-60201i	42-inch span, 29-inch rise, pipe culvert, polymer-coated steel, 12 ga (no bands)	Foot	64	\$	\$
336-60201a	French drain	Lump Sum	1	\$	\$
336-62552	Seeding and mulching, dry method	Lump Sum	1	\$	\$
336-63501	Temporary traffic control	Lump Sum	1	\$	\$

FR 336 ONION RIVER ROAD OPTIONAL NON-PAVING BID ITEMS

336-30107a	ADDITIONAL 2" Aggregate surface course for a total of 6" lift, grading P (MNDOT Class 1 Modified), compaction method A, loose volume (from MP 2.12 to POE)	Cubic Yard	1630	\$	\$
336-30302	Road reconditioning, ditch cleaning	Foot	550	\$	\$
336-31202	Calcium Chloride, 0.3 gal/sq yd, 18' wide (from 0.00 to 2.12)	Gallon	22400	\$	\$

336-31401b	Stockpiled Aggregate, grading P (MNDOT Class 1 Modified), loose volume	Cubic Yard	1000	\$	\$
336-61902	Furnish and Install vehicle gate	Each	1	\$	\$
336-63310a	Remove/Install/Replace sign and post, Stop (R1-1)	Each	3	\$	\$
336-63310b	Remove/Install/Replace sign and post, Stop Ahead (W3-1A)	Each	1	\$	\$
336-63310c	Remove/Install/Replace sign and post, Route Marker (M1-7-18), Government furnished to be installed by contractor	Each	1	\$	\$
336-63310d	Remove/Install/Replace sign and post, Dead End (W14-1)	Each	1	\$	\$
336-63310e	Remove/Install/Replace sign and post, Do Not Enter (R5-1)	Each	1	\$	\$
336-63310f	Remove/Install/Replace sign and post, Site Approach (SA-1-38)	Each	1	\$	\$
336-63310g	Remove/Install/Replace sign, Directional Arrow (M6-1L)	Each	1	\$	\$
336-63310h	Remove/Install/Replace sign, Feature destination (FRD-1, "PARKING")	Each	1	\$	\$

B-2 - NOTE: Payment for bond premiums in accordance with Clause 52.232-5, Payments under Fixed-Price Construction Contracts, shall not be in addition to the contract price. Include bond payments under 151.01 Mobilization.

Payment will be made on actual work performed as described in FP-14 109.01 unless otherwise noted.

- The **Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects**, FP-14 edition, has been used for this contract.
- Contract will only be awarded if funds are available. All or none of the optional bid items may or may not be awarded based on bids and funds available.
- All clearing, grubbing, bedding, borrow, backfill, detours, diversions, signing, and other miscellaneous items not listed above with unique bid items shall be considered incidental to the contract. See 109.05.
- Quantities for crushed aggregate are loose volumes.
- All signs shall be metal and Type-III high intensity retro-reflective following MUTCD standards.