

FOR OFFICIAL USE ONLY

1. DATE 29 Oct 63		2. FISCAL YEAR 1969		3. REAL PROPERTY FACILITIES PROJECT <del>MILITARY CONSTRUCTION LINE ITEM DATA</del>			4. DEPARTMENT USARAL		5. INSTALLATION Petroleum Distribution Office, United States Army, Alaska Support Command											
6. PROPOSED AUTHORIZATION S NA			7. PRIOR AUTHORIZATION P.L. NA		8. CATEGORY CODE NUMBER		9. PROGRAM ELEMENT NUMBER		10. STATE/COUNTRY ALASKA											
11. PROPOSED APPROPRIATION S NA				12. BUDGET ACCOUNT NUMBER			13. LINE ITEM NUMBER PR 20-69		14. LINE ITEM TITLE Haines-Fairbanks Pipeline Brush Control, Milepost 42.5 through 337.5, Canadian Portion.											
SECTION A - DESCRIPTION OF LINE ITEM							SECTION B - COST ESTIMATES													
15. TYPE OF CONSTRUCTION		16. PHYSICAL CHARACTERISTICS OF PRIMARY FACILITY					17. PRIMARY FACILITY		U/M	QUANTITY	UNIT COST	COST (\$000)								
A. PERMANENT		a. NO. OF BLDGS NA		b. NO. OF STONES NA		c. LENGTH NA		d. WIDTH NA		Aerial Spraying			1329	\$ 71.62	\$ 95.2					
B. SEMI-PERMANENT		e. DESIGN CAPACITY NA		f. GROSS AREA NA		a. S & A Cost									( 4.7 )					
C. TEMPORARY		g. COOLING NA		CAP. NA		b. Contingency									( 9.5 )					
18. TYPE OF WORK		19. DESCRIPTION OF WORK TO BE DONE					c.													
A. NEW FACILITY		Aerial spraying by helicopter of woody vegetation (deciduous) along the Haines-Fairbanks POL Pipeline from Pipeline Milepost 42.5 through 337.5, a total of 1329 acres.					d.													
B. ADDITION							20. SUPPORTING FACILITIES													
C. ALTERATION							a.													
D. CONVERSION							b.													
E. OTHER (Specify)							c.													
19. REPLACEMENT		d.																		
20. TYPE OF DESIGN		e.																		
A. STANDARD DESIGN		f.																		
B. SPECIAL DESIGN		g.																		
C. DRAWING NO.		h.																		
METHOD: <input type="checkbox"/> POST ENGR		<input checked="" type="checkbox"/> CONTRACT		<input type="checkbox"/> TROOP		i. TOTAL UNFUNDED COST									( 1.5 )					
						j. TOTAL FUNDED COST									( 109.4 )					
						22. TOTAL LINE ITEM COST									\$ 110.9					
SECTION C - BASIS OF REQUIREMENT																				
23. QUANTITATIVE DATA (U/M Acres)						24. REQUIREMENT FOR LINE ITEM														
a. TOTAL REQUIREMENT		1431				This item is required to provide control of woody vegetation (trees, brush and sprouts) along the POL Pipeline Right-of-Way from the South Canadian Border at Pipeline Milepost 42.5 to the North Canadian Border at Pipeline Milepost 337.5. Application of the Herbicide will be by helicopter equipped with a boom type dispenser capable of applying a thick granular appearing mixture. The designated areas will be given two primary treatments, one half the spray volume being applied in one direction and the other half in the opposite direction. The center 40-foot section of the 50-foot wide right-of-way is to be aerial sprayed with a maximum allowance of 5 feet for wind drift.														
b. EXISTING SUBSTANDARD		( 1329 )																		
c. EXISTING ADEQUATE		102																		
d. FUNDED, NOT IN INVENTORY		0																		
e. ADEQUATE ASSETS (c + d)		102																		
		AUTHORIZED		FUNDED																
f. UNFUNDED PRIOR AUTHORIZATION		0																		
g. INCLUDED IN FY PROGRAM		0		0																
h. DEFICIENCY (a - b - f - g)		1329		0																
25. RELATED LINE ITEMS																				
APP. INITIAL COST:		\$10,903,200																		
APP. REPLACEMENT COST:		15,576,600																		
SUBMITTED BY 30 OCT 1968 (DATE)						RAYMOND P. RUGANI LTC, OMC, Chief, PDX ENGINEER			APPROVED BY 31 Oct 68 (DATE)			WILLIAM R. JOHNSTON COL, TC, INSTALLATION COMMANDER								

DD FORM 1391 OVERPRINT JUL 62

REPLACES DA FORM 1673-R, 1 MAR 62, WHICH IS OBSOLETE

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This tentative marking cancelled upon award of contract or on 11 Nov 71, whichever is earlier.

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7. ITEMIZED ESTIMATE: THIS ESTIMATE MUST INCLUDE THE TOTAL QUANTITIES AND COST OF ALL LABOR, SUPPLIES, ETC., NECESSARY TO COMPLETE THE JOB.

DESCRIPTION OF ITEMS	A. TOTAL FUNDED COST OF THE PROJECT					B. TOTAL UNFUNDED COST OF THE PROJECT							
	DIRECT LABOR	SUPPLIES <small>Include unit quantities and equipment</small>				EQUIPMENT RENTAL	DIRECT LABOR	SUPPLIES <small>Include unit quantities and equipment</small>				EQUIPMENT RENTAL	
		UNIT	QUANTITY	UNIT COST	ITEM COST			UNIT	QUANTITY	UNIT COST	ITEM COST		
MOB & DEMOB	\$3,000												
<u>Equipment</u>													
Helicopter					\$22,000								
4,000 Gal Tank Truck					2,330								
2½ T, Stake Truck					1,452								
¾ T, Pick-up					691								
<u>Labor</u>													
Pilot 1 ea.	3,520												
Truck operator 2 ea	1,964												
<u>Material</u>													
Herbicide, Tordon 101		GAL	3,987	8.00	31,896								
Norbak, Particulating Agent		LB	2,400	2.00	4,800								
Food & Lodging	2,450												
Insurance - Tax & Bond	1,500												
<b>SUB TOTAL</b>	<b>\$12,434</b>				<b>\$36,696</b>	<b>\$27,023</b>							
15% Overhead	1,865				5,504	4,053							
10% Profit	1,243				3,670	2,702							
<b>ESTIMATED CONTRACT COST</b>	<b>\$15,542</b>				<b>\$45,870</b>	<b>\$33,778</b>							
10% Contingency	1,554				4,587	3,373							
5% S & A	777				2,294	1,689							
2% Design							1,500						
<b>TOTAL</b>	<b>\$17,373</b>				<b>\$52,751</b>	<b>\$38,846</b>	<b>\$1,500</b>						

USARAL Form 5-62, 1 Jul 62

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	DIRECT LABOR	SUPPLIES <i>Include installed equipment</i>				EQUIPMENT RENTAL	DIRECT LABOR	SUPPLIES <i>Include installed equipment</i>				EQUIPMENT RENTAL
		UNIT	QUANTITY	UNIT COST	ITEM COST			UNIT	QUANTITY	UNIT COST	ITEM COST	
<b>SUMMARY</b>												
Estimated Contract Cost												
Contingency												
S & A Cost												
TOTAL EST. FUNDED COST												
DESIGN COST												
TOTAL EST. PROJECT COST												