2013 Legislature TPS Report 59278v2

Agency: Commerce, Community and Economic Development

Grants to Named Recipients (AS 37.05.316)

Grant Recipient: Alaska Public Telecommunications, Inc. Federal Tax ID: 23-7394629

Project Title: Project Type: Equipment and Materials

Alaska Public Telecommunications, Inc. - Mobile Video and Production Upgrade

State Funding Requested: \$277,000 House District: Anchorage Areawide (11-27)

One-Time Need

Brief Project Description:

Stabilize and upgrade aging video production and monitoring equipment and develop mobile/handheld video delivery.

Funding Plan:

Total Project Cost:	\$277,000
Funding Already Secured:	(\$0)
FY2014 State Funding Request:	(\$277,000)
Project Deficit:	\$0

Detailed Project Description and Justification:

Three of Alaska's four community public television stations -- KTOO in Juneau, KYUK in Bethel and KAKM in Anchorage -- have come together in a service agreement that shares costs for programming, engineering, operations and content production, and is significantly improving the quality of public affairs programming available to Alaskans across the state. KAKM in Anchorage, which has the digital technology and server capacity to provide both statewide and individualized program streams from a single location, is the core of the system which now includes Juneau/Southeast and Bethel/rural Alaska. This proposal, if funded, will stabilize and upgrade aging video equipment and open the door for mobile/handheld video delivery, thus greatly enhancing the delivery of public affairs programming for Alaska residents.

Mobile/handheld video delivery has reached critical mass across the country as smartphones and tablet devices have become ubiquitous. Alaska continues to lag national trends in this area: All major markets nationally now provide this service. But broadband penetration in our state is high and consumers increasingly expect mobile video service. This capability would significantly enhance emergency response communications, thereby reducing exposure and allowing Alaska to take effective action. These enhancements will allow for broad dissemination, in real time, of public safety alerts, such as notices of missing children, thereby increasing the probability of crime prevention.

Automated monitoring systems lower operating costs, improve quality monitoring, provide for swift response to breakdowns, and increase reliability over full-time human oversight. These factors are essential in operating the shared service among three stations and assuring their reliability for viewers. These improvements also provide more effective distribution of emergency response and public safety alerts information during times of need.

For use by Cochair Staff Only:

2013 Legislature TPS Report 59278v2

Traditionally, broadcast equipment with good care had a life expectancy of 7 to 15 years, particularly for systems such as microphones, lighting and transmitters. But much of our current equipment -- now based on a computer backbone -- is outdated. This is particularly a factor as our video, audio and transmission equipment become more dependent on fast-evolving hardware and software.

This proposal aims to upgrade where needed, anticipate changing technology, and improve service where possible. This request would provide mobile/handheld video for the first time in Alaska and begin the process of modernizing our infrastructure to meet future demands, and will be a major step in increasing the quantity and quality of Alaska-focused public affairs programming available to Alaskans.

Mobile/Handheld Transmitter Upgrade\$75,000

Video and Audio Monitoring Equipment\$50,000

Production Graphics System \$35,000

Rack, Switch and Computer Replacement\$33,000

TV Synchronization Equipment \$30,000 Video Edit Bay Construction \$24,000 Wireless Microphone System \$20,000 Remote Production Expansion\$10,000

Total \$277,000

Project Timeline:

Project will be completed during fiscal year 2014.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Alaska Public Telecommunications, Inc.

Grant Recipient Contact Information:

Name: Bernie Washington
Title: Chief Financial Officer
Address: 3877 University Drive

Anchorage, Alaska 99508

Phone Number: (907)550-8421

Email: bwashington@alaskapublic.org

Has this project been through a public review process at the local level and is it a community priority? Yes X No

Contact Name: Amory Lelake Contact Number: 465-3704 For use by Co-chair Staff Only:

2:02 PM 5/9/2013

		Alaska Public						
			Project Au	thorization Form				
Project Name:		TEXT ENHANCE	ao Mario	MOBILE HAN	IDHELD EXP	ANSION		
TOTAL PROJECT FUI	NDING REQUESTED:			MAXIMUM MINIMUM		\$82,500.00 \$67,500.00		
Capital \$	\$75,000.00	Ex	pense \$					
Budgeted:		YES		NO NO		x		
Management Summa	ry: (Concise descrip	ion of the project)						
Install the necess	ary options to our exis	ting TV transmitter to	begin Mobile/F	landheld transmissio	n.			noise.
Project Description:	(E	escribe the project ti	he Who, What,	Where, and When)				
	urchase and install the one of the expanding						stream that w	ill allow
Project Justification:	(L	etail the Why)						
	courages member stat ring data to the gener		e advantages/re	ewards for broadcas	ing to M/H de	vices are the a	ollity to provi	de another
			nt to do and de	oing nothing.				
	s at least two alterna				pability for a b	roadcast TV st	etion.	
Alternative (1) Do	s at least two alterna o nothing Advant Disadv	ives the one you wan ages: No capital cost antages: Inability to n	naintain current		pability for a b	roadcast TV st	ation.	
Alternative (1) Do	s at least two alterna o nothing Advant Disadv	ives the one you wan ages: No capital cost antages: Inability to n	naintain current		pability for a b	roadcast TV st	ation.	
Alternative (1) Do Project Risks and Union Major obstacle in	o nothing Advant Disadv certainties: (Obstacle s obtaining funding.	ives the one you wan ages: No capital cost antages: Inability to n s to meeting objectiv	naintain current			roadcast TV st	Total \$75,000	
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow:	o nothing Advant Disado Advant	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Unit Major obstacle i	o nothing Advant Disado Advanted Containties: (Obstacles obtaining funding. (Anticipated spending Year 1	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4			Total	
Alternative (1) Do Project Risks and Unit Major obstacle in Expected Cash Flow: Cash Expenditure	o nothing Advant Disado Advant	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design	o nothing Advant Disade Advant Disade Advant Disade Advant Disade Advant Disade Advantices: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering	o nothing Advant Disado Advant Disado Advant Disado Advant Disado Advant Disado Advanticipates: (Obstaclo Sobtaining funding. (Anticipated spending Year 1 \$75,000.00 \$	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor	o nothing Advant Disade Advant Disade Advant Disade Advant Disade Advant Disade Advantices: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials	s at least two alternation on thing Advant Disadvant Dis	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Materials	s at least two alternation on thing Advant Disadvant Disadvant Disadvant Certainties: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00 \$75,000.00 \$72,000.00 \$72,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Materials Allocations	s at least two alternation on thing Advant Disadvant Disadvant Disadvant Certainties: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00 \$75,000.00 \$72,000.00 \$72,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Project Risks and Union Major obstacle in Expected Cash Flow: Cash Expenditure	s at least two alternation on thing Advant Disadvant Disadvant Disadvant Certainties: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00 \$75,000.00 \$72,000.00 \$72,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	
Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor Indirect Materials Allocations	s at least two alternation on thing Advant Disadvant Disadvant Disadvant Certainties: (Obstacle is obtaining funding. (Anticipated spending Year 1 \$75,000.00 \$75,000.00 \$72,000.00 \$72,000.00	ges: No capital cost antages: Inability to not meeting objective grattern)	yes of project) Year 3	"state of the art" ca Year 4	Ye		Total	

ı

		Alaska Public Tele	communic	ations, Inc.			
		F	Project Authoriz	ation Form			
Project Name:		TVS	YNCHRONIZA	ATION EQUIP	MENT AND CHA	NGEOVER SW	/ITCH
TOTAL PROJECT FU	NDING REQUESTED:			IAXIMUM IINIMUM	\$33,00 \$27,00		
Capital \$	\$30,000.00	Expens	se \$				
Budgeted:		YES		NO	X		
Management Summa	ry: (Concise description	on of the project)					
Purchase and ins	tall an additional Sync (Generator with a changeov	ver switch				seasiániii
Project Description:	(De	escribe the project the W	ho, What, Whe	re, and When)			
Engineering will p	eurchase a companion s	ync generator with an auto	o-changeover sw	ritch			Carring C
Project Justification:	(De	etail the Why)					
Alternatives with Adv	rantages and Disadvar	erators with an auto-chang ntages: ves the one you want to			to insure uninterru	pted operation to	riv.
Alternative (1) Do	Disadva	ges: No capital cost intages: Critical failure poi					
Project Risks and Un	The state of the s	to meeting objectives o					
	obtaining funding.						
Expected Cash Flow:	(Anticipated spending	g pattern)					
Cash Expenditure	Year 1 \$30,000.00	Year 2	Year 3	Year 4	Year 5	Tota \$30,000	
70-00			Budge		omments		
Item	\$			Cu	minents		
Project Mgmt							
Design Engineering	\$0.00						
Direct Labor	\$0.00					and another ex-	
Direct Materials	\$30,000.00						
Indirect Labor							
Indirect Materials							
Allocations							
Contingency							
Total	\$30,000.00						

		Alaska Public Telecommunications, Inc.
		Project Authorization Form
Project Name:		CRITICAL AUDIO MONITORING
TOTAL PROJECT FU	JNDING REQUESTED:	MAXIMUM \$16,500.00 MINIMUM \$13,500.00
Capital \$	\$15,000.00	Expense \$
Budgeted:		YES NO X
Management Summ	ary: (Concise descripti	on of the project)
Purchase and in	stall high quality audio r	nonitoring system for TV
Project Description:	(D	escribe the project the Who, What, Where, and When)
	purchase an audio moni ty standards are being m	toring system that is capable of receiving and qualitative monitoring of the transmitted audio signal to maintain et.
Project Justification	; (D	etail the Why)
Alternative (1) D	Do nothing Advanta Disadva	intages: ives the one you want to do and doing nothing. ages: No capital cost antages: inability to check and maintain signal quality as to meeting objectives of project)
Expected Cash Flow	: (Anticipated spendin	g pattern)
Cash Expenditure	Year 1 \$15,000.00	Year 2 Year 3 Year 4 Year 5 Total 15,000
		Budget
Item	\$	Comments
Project Mgmt		
Design Engineering		
Direct Labor	\$0.00	
Direct Materials	\$15,000.00	
Indirect Labor		
Indirect Materials Allocations		
Contingency		
Total	\$15,000	

		Alaska Publ	ic Telecommui Project Auth	nications, Inc.				
Project Name:		EMCCO PIETRA	V	IDEO EDIT BAY	CONSTRUC	CTION		
TOTAL PROJECT FUN	IDING REQUEST	ED:		MAXIMUM MINIMUM	\$28,00 \$20,00			
Capital \$	\$24,000.00		Expense \$]			
Budgeted:		YES		NO	Х			
Management Summai	y: (Concise desc	ription of the project)					
Design and build	a two bay video ed	liting room within the	existing facility				ye ii	# bnetpc3
Project Description:		(Describe the proje	ct the Who, What, W	Vhere, and When)				
isolated editing sy	stems will be insta		equipment currently	room. The room will be exist but needs to be it built out.				
Project Justification:		(Detail the Why)						
				ne current and future a				ons
Alternatives with Adva Note: there are always Alternative (1) Do	nothing Adv		ost					
Project Risks and Unc	ertainties: (Obsta	acles to meeting obj	ectives of project)					
Major obstacle is	obtaining funding	5.						
Expected Cash Flow:	(Anticipated sper	nding pattern)						
Cash Expenditure	Year 1 \$24,000.00	Year 2	Year 3	Year 4	Year 5		Total 24,000	
Item	\$		Bu	dget Com	ments			
Project Mgmt Design								
Engineering Direct Labor	\$4,000.00							
Direct Materials	\$24,000.00					No. of the last	10,018	
Indirect Labor Indirect Materials								
Allocations Contingency			2					
Total	\$28,000							
Town	\$26,000							

		Alaska Publ	ic Telecommu	nications, Inc	.			
			Project Auti	horization Form				
Project Name:		IN THE WAR	P	RODUCTION	GRAPHI	CS SYSTE	EM	
TOTAL PROJECT FUI	NDING REQUESTED):		MAXIMUM MINIMUM		\$38,500.00 \$31,500.00		
Capital \$	\$35,000.00		Expense \$					
Budgeted:		YES		NO NO		X		
Management Summa								
Replace current 7	7-year-old graphics sy	stem for use with v	ideo production such	as the daily weath	er program,	Alaska Edition	or others.	46 Belani
Project Description:	(Describe the proje	ect the Who, What, \	Where, and When)				
Engineering will p	urchase and install a	new production gra	phics system.	ĸ				01 04 8A2
Project Justification:	(Detail the Why)						
	rent graphics system placed twide in the p		owns, causing delay a	and sometimes cand	cellation of th	ne weather pro	ogram. The con	nputer hard
Alternatives with Adv. Note: there are always Alternative (1) Do	at least two alternation on othing Advan	atives the one you stages: No capital co			degradation.			
Project Risks and Und	certainties: (Obstact	les to meeting obje	ectives of project)					
	s obtaining funding.							
Expected Cash Flow:								
Cash Expenditure	Year 1 \$35,000.00	Year 2	Year 3	Year 4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ear 5	Total 35,000	
Item	\$		Bı	udget Co	omments			
Project Manual C								
Project Mgmt Design								
Engineering							70 JUL	
Direct Labor Direct Materials	\$0.00						10 M 10 M	
Indirect Labor	\$35,000.00							
Indirect Materials								
Allocations								
Contingency								
Total	\$35,000							

		Alaska Public Telecommunications, Inc.
		Project Authorization Form
Project Name:		WIRELESS MICROPHONE SYSTEM
TOTAL PROJECT FU	NDING REQUESTED:	MAXIMUM \$22,000.00 MINIMUM \$18,000.00
Capital \$	\$20,000.00	Expense \$
Budgeted:		YES NO X
Management Summa	ry: (Concise descripti	on of the project)
Replace existing	wired Mic system for bo	oth TV and Radio
Project Description:	(De	escribe the project the Who, What, Where, and When)
Engineering will p	ourchase and install a ne	w wireless Mic system
Project Justification:	(De	etail the Why)
move around mo	ore freely during live and	d/or taped productions for both Radio and TV.
		rtages: ives the one you want to do and doing nothing. iges: No capital cost
, , , , , ,		intages: Live with a wired Mic system that is prone to failure
Project Risks and Un	certainties: (Obstacles	s to meeting objectives of project)
Major obstacle i	is obtaining funding.	
Expected Cash Flow:	(Anticipated spending	g pattern)
Cash Expenditure	Year 1 \$20,000.00	Year 2 Year 3 Year 4 Year 5 Total \$20,000.00
Item	\$ T	Budget Comments
	•	Comments
Project Mgmt Design		
Engineering		
Direct Labor	\$0.00	
Direct Materials	\$20,000.00	
Indirect Labor		
Indirect Materials Allocations		
Contingency		
Total	\$20,000.00	

		Alaska Public Telecommunications, Inc.
		Project Authorization Form
Project Name:		VIDEO MONITORING PRODUCTION
TOTAL PROJECT FU	NDING REQUESTE	ED: MAXIMUM \$27,500.00 MINIMUM \$22,500.00
Capital \$	\$25,000.00	Expense \$
Budgeted:		YES NO X
Management Summa	ry: (Concise descr	ription of the project)
Replace existing	monitor wall in TV S	Studio Production Room
Project Description:		(Describe the project the Who, What, Where, and When)
Replace the Plasm	na monitors in the p	production room with a new monitor wall system.
Project Justification:		(Detail the Why)
The existing Plass output.	na monitors, now e	eight years old, are beyond estimated life and no longer can be relied upon for quality judgment on production video
Alternatives with Adv Note: there are always Alternative (1) Do	s at least two alter	dvantages: rnatives the one you want to do and doing nothing. rantages: No capital cost advantages: Inability to monitor and control quality of production out
Alternative (1) Do	s at least two alternoon on othing Adva	rnatives the one you want to do and doing nothing. antages: No capital cost
Alternative (1) Do	s at least two alternoon on othing Adva	rnatives the one you want to do and doing nothing. rantages: No capital cost advantages: Inability to monitor and control quality of production out racles to meeting objectives of project)
Alternative (1) Do	s at least two alternation on othing Adva Disa certainties: (Obstans obtaining funding.	rnatives the one you want to do and doing nothing. rantages: No capital cost advantages: Inability to monitor and control quality of production out acles to meeting objectives of project) g. adding pattern)
Alternative (1) Do Project Risks and Union	o nothing Adva Disa Certainties: (Obstacts obtaining funding.	rnatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3.
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow:	s at least two alternation on othing Adva Disa certainties: (Obstans obtaining funding.) (Anticipated spend) Year 1 \$25,000.00	rnatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out acles to meeting objectives of project) 3. adding pattern) Year 2 Year 3 Year 4 Year 5 Total \$25,000.00
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow:	s at least two alternation on othing Adva Disa certainties: (Obstans obtaining funding. (Anticipated spend)	rnatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out acles to meeting objectives of project) 3. adding pattern) Year 2 Year 3 Year 4 Year 5 Total \$25,000.00
Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt	s at least two alternation on othing Adva Disa certainties: (Obstans obtaining funding.) (Anticipated spend) Year 1 \$25,000.00	rnatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out acles to meeting objectives of project) 3. adding pattern) Year 2 Year 3 Year 4 Year 5 Total \$25,000.00
Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow: Cash Expenditure	s at least two alternation on othing Adva Disa certainties: (Obstans obtaining funding.) (Anticipated spend) Year 1 \$25,000.00	rnatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out acles to meeting objectives of project) 3. adding pattern) Year 2 Year 3 Year 4 Year 5 Total \$25,000.00
Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor	s at least two alternation on othing Adva Disa Certainties: (Obstates obtaining funding.) (Anticipated spend Year 1 \$25,000.00	renatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Budget Comments
Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials	s at least two alternation on othing Adva Disa certainties: (Obstants obtaining funding.) (Anticipated spend Year 1 \$25,000.00	renatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Budget Comments
Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor	s at least two alternation on othing Adva Disa Certainties: (Obstates obtaining funding.) (Anticipated spend Year 1 \$25,000.00	renatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Budget Comments
Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials	s at least two alternation on othing Adva Disa Certainties: (Obstates obtaining funding.) (Anticipated spend Year 1 \$25,000.00	renatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Budget Comments
Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor Indirect Materials Allocations	s at least two alternation on othing Adva Disa Certainties: (Obstates obtaining funding.) (Anticipated spend Year 1 \$25,000.00	renatives the one you want to do and doing nothing. antages: No capital cost advantages: Inability to monitor and control quality of production out accles to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Budget Comments
Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor Indirect Materials	s at least two alternation on othing Adva Disa Certainties: (Obstates obtaining funding.) (Anticipated spend Year 1 \$25,000.00	rantages: No capital cost advantages: Inability to monitor and control quality of production out access to meeting objectives of project) 3. Year 2 Year 3 Year 4 Year 5 Total Sudget Comments

ı

			Project Au	uthorization Form			
Project Name:		ATCUSTED	VIDE	O MONITORING	G MASTE	R CONTRO	L
TOTAL PROJECT FL	UNDING REQUESTED:			MAXIMUM MINIMUM		0,000.00	
Capital \$	\$10,000.00		Expense \$				
Budgeted:		YES		NO NO	х		
Management Summ	ary: (Concise descripti	on of the project))				
Expand Monitor	r wall in Master Control					6-1	
Project Description:	(De	escribe the projec	ct the Who, What	, Where, and When)			
Engineering will	purchase and install new	equipment to exp	pand the monitori	ng capacity to better m	onitor the expa	nded multicast pr	oduct.
Project Justification	: (De	etail the Why)					
	lvantages and Disadvar ys at least two alternati		want to do and de	oing nothing.			
	ys at least two alternation on nothing Advanta	ives the one you					
Alternative (1) D	ys at least two alternation on on othing Advanta Disadva	ives the one you on the second of the second	ost decrease in qualit	у			
Alternative (1) D	ys at least two alternati Do nothing Advanta Disadva	ives the one you on the second of the second	ost decrease in qualit	у			
Alternative (1) D Project Risks and Un Major obstacle	ys at least two alternation on othing Advanta Disadva neertainties: (Obstacles is obtaining funding.	ges: No capital co intages: Potential s to meeting object	ost decrease in qualit ectives of project)	y			
Alternative (1) D Project Risks and Un Major obstacle	ys at least two alternation on on thing Advanta Disadva ncertainties: (Obstacles is obtaining funding.	ges: No capital co intages: Potential s to meeting obje	ost decrease in qualit	у	Year (Total ,000.00
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow	ys at least two alternation on onthing Advanta Disadvanta Disadvanta Disadvanta ncertainties: (Obstacles is obtaining funding. The control of the control o	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4	Year (
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow	ys at least two alternation on onthing Advanta Disadvanta Disadvanta Disadvanta ncertainties: (Obstacles is obtaining funding. The control of the control o	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4	Year s		
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow Cash Expenditure	ys at least two alternation on onthing Advanta Disadvanta Disadvan	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow Cash Expenditure	ys at least two alternation on onthing Advanta Disadvanta Disadvan	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow Cash Expenditure Item Project Mgmt Design Engineering	ys at least two alternation on onthing Advanta Disadvanta Disadvan	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow Cash Expenditure	ys at least two alternation on onthing Advanta Disadvanta Disadvan	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Un Major obstacle Expected Cash Flow Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Endirect Labor	ys at least two alternation on onthing Advanta Disadva	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Un Major obstacle Expected Cash Flow Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Materials	ys at least two alternation on onthing Advanta Disadva	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Ur Major obstacle Expected Cash Flow Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Indirect Materials	ys at least two alternation on onthing Advanta Disadva	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			
Alternative (1) D Project Risks and Un Major obstacle Expected Cash Flow Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Materials	ys at least two alternation on onthing Advanta Disadva	ges: No capital co intages: Potential s to meeting object	ost decrease in quality ectives of project) Year 3	Year 4			

		Alaska Public		inications, Inc).			
Project Name:		HOLON EXPLOSE	01/01/02/04	RACK R	EPLACE	MENT		
TOTAL PROJECT FUI	NDING REQUESTED:			MAXIMUM MINIMUM		\$27,500.00 \$22,500.00		
Capital \$	\$25,000.00	E	xpense \$	-				
Budgeted:		YES		NO		X		
Management Summa	ry: (Concise descript	tion of the project)						
Purchase new eq	uipment racks for the	control room			M 12 - 23			DESCRICT
Project Description:	(E	escribe the project	the Who, What,	Where, and When)				
Engineering will po broadcast equipm	urchase and install ne ent is considerably lar	w equipment racks to ger that in years past	house existing a and require rack	nd new equipment t s that are 34 inches	that will not deep. Most	fit in the existing of our racks are	g racks. Most e 30 inches dee	new ep.
Project Justification:	(E	etail the Why)						
plenum being for the racks as the e		ck and installed equip will not fit. Equipmen mill not fit. Equipmen	ment to keep it on	cool. We currently hat higher than reco	ave to eithe	r open or totall		
Alternative (1) Do	nothing Advant Disadv	ages: No capital cost antages: No place to	install new equip		2003)		AND S	
	s obtaining funding.							
Expected Cash Flow:	Year 1	Year 2	Year 3	Year 4		Year 5	Total	
Cash Expenditure	\$8,000.00	\$9,000	\$8,000				25,000	
Item	\$		В	udget Cr	omments			
Project Mgmt								
Design Engineering								
Direct Labor							THE WAY	
Direct Materials	\$25,000.00							
Indirect Materials								
Allocations Contingency								
Total	\$25,000							

		Alaska Publ	ic Telecommun	ications, Inc.			
			Project Author	orization Form			
Project Name:		949140	REI	MOTE PRODUC	CTION EXPAN	SION	
TOTAL PROJECT FUN	DING REQUESTED):		MAXIMUM MINIMUM	\$44,000.0 \$36,000.0		
Capital \$	\$40,000.00		Expense \$]		
Budgeted:		YES) NO	Х		
Management Summary	y: (Concise descrip	otion of the project)				
Purchase new and	replacement remot	e video and audio p	production equipment.			00 de 10 de	ets-fy-us
Project Description:	(Describe the proje	ct the Who, What, W	here, and When)			
	to purchase remote ment to do a satisfac		ent as necessary to pr	operly equip our rem	ote production pers	onnel with sufficie	ent
Project Justification:	(Detail the Why)					
a better job. Most	of today's remote p	roduction equipme	over time to replace inc int is relatively inexper ay" as the cost to repa	sive compared to ten	years ago. But wit	new tools that allo h the lesser expen	ow staff to do se certain
Note: there are always Alternative (1) Do	nothing Advan	tages: No capital co					
Project Risks and Unce	ertainties: (Obstaci	es to meeting obje	ectives of project)				
Major obstacle is	obtaining funding.						do wyeld
Expected Cash Flow: (Anticipated spendi	ng pattern)					
Cash Expenditure	Year 1 \$10,000.00	Year 2 \$10,000	Year 3 \$10,000	Year 4 \$10,000	Year 5	Total 40,000	
			Bud	THE RESERVE AND PARTY OF THE PA			
Item	\$			Comn	nents		
Project Mgmt Design							
Engineering	4. 222.22						
Direct Labor Direct Materials	\$1,000.00 \$40,000.00						
	\$40,000.00				National Association	10000000	
nuirect Labor		THE RESERVE TO A PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.			AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED		
ndirect Materials							
Indirect Labor Indirect Materials Allocations Contingency							
ndirect Materials	\$41,000						

		Alaska Public					
			Project Au	thorization Form			
Project Name:		See High	SERVICE AND ADDRESS OF	10/100/100	00 SWITCHES		
TOTAL PROJECT FUI	NDING REQUESTED			MAXIMUM MINIMUM	\$44,00 \$36,00		
Capital \$	\$40,000.00		Expense \$				
Budgeted:		YES		NO NO	Х		
Management Summa	ry: (Concise descrip	tion of the project)					
Replace existing I	LAN switches with aut	o sensing speed up	to 1000mbps				
Project Description:	(1	Describe the projec	t the Who, What,	Where, and When)			
Engineering will p	ourchase and install ne	w switches with the	intention of repla	cing all existing switch	es over the next th	ree to five years	
Project Justification:	(1	Detail the Why)					
	ooves APTI to continu						CONTROL CONTRO
Alternatives with Adv		antages:	want to do and do				
Alternatives with Adv	vantages and Disadv. rs at least two alterna	antages: atives the one you wantages: No capital co	st			e use of needec	tools
Alternatives with Adv. Note: there are always Alternative (1) Do	vantages and Disadv. is at least two alterna o nothing Advan Disad	antages: atives the one you wantages: No capital co vantages: Infrastruc	st ture will lag currer	oing nothing.		e use of needec	tools
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Unit Major obstacle i	vantages and Disadv. vs at least two alterna o nothing Advan Disadv certainties: (Obstact is obtaining funding.	antages: Itives the one you wantages: No capital covantages: Infrastructes to meeting object	st ture will lag currer	oing nothing.		e use of needec	tools
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Unit Major obstacle i	vantages and Disadv. s at least two alternation on thing Advan Disadv. certainties: (Obstact is obtaining funding.	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern)	st ture will lag currer ctives of project)	oing nothing. In technology and pote	entially limit staff th		
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Une Major obstacle i	vantages and Disadv. vs at least two alterna o nothing Advan Disadv certainties: (Obstact is obtaining funding.	antages: Itives the one you wantages: No capital covantages: Infrastructes to meeting object	st ture will lag currer	oing nothing.		e use of needed Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Une Major obstacle i	vantages and Disadv. s at least two alternation on thing Advan Disadv. certainties: (Obstact is obtaining funding. r (Anticipated spendites 1)	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	Year 4	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Union Major obstacle in Expected Cash Flow: Cash Expenditure	vantages and Disadv. vs at least two alternation of nothing Advan Disadv. certainties: (Obstact is obtaining funding. v (Anticipated spending) Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Union Major obstacle in Expected Cash Flow: Cash Expenditure	vantages and Disadv. s at least two alternation on thing Advan Disadv. certainties: (Obstact is obtaining funding. r (Anticipated spendites 1)	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Union Major obstacle in Expected Cash Flow: Cash Expenditure	vantages and Disadv. vs at least two alternation of nothing Advan Disadv. certainties: (Obstact is obtaining funding. v (Anticipated spending) Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design	vantages and Disadv. vs at least two alternation of nothing Advan Disadv. certainties: (Obstact is obtaining funding. v (Anticipated spending) Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Uni Major obstacle is Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor	vantages and Disadv. s at least two alternation nothing Advan Disadv. certainties: (Obstact is obtaining funding. Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Uni Major obstacle in Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials	vantages and Disadvantages and Disadvantages and Disadvantages and Disadvantages and Disadvantages (Obstact is obtaining funding. Vanticipated spending Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Uni Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor	vantages and Disadv. s at least two alternation nothing Advan Disadv. certainties: (Obstact is obtaining funding. Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Unit Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor Indirect Materials	vantages and Disadv. s at least two alternation nothing Advan Disadv. certainties: (Obstact is obtaining funding. Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Und Major obstacle i Expected Cash Flow: Cash Expenditure	vantages and Disadv. s at least two alternation nothing Advan Disadv. certainties: (Obstact is obtaining funding. Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al
Alternatives with Adv. Note: there are always Alternative (1) Do Project Risks and Une Major obstacle i Expected Cash Flow: Cash Expenditure Item Project Mgmt Design Engineering Direct Labor Direct Materials Indirect Labor Indirect Materials Allocations	vantages and Disadv. s at least two alternation nothing Advan Disadv. certainties: (Obstact is obtaining funding. Year 1 \$10,000.00	antages: attives the one you wantages: No capital covantages: Infrastructes to meeting objecting pattern) Year 2	st ture will lag curren ctives of project) Year 3 \$10,000	year 4 \$10,000	entially limit staff th	Tot	al

ı

		Alaska Publi	c Telecommu	nications, Inc.				
			Project Auti	norization Form				
Project Name:		SHIP TOKCA		COMPUTER REPLACEMENT				
TOTAL PROJECT FUI	NDING REQUESTED			MAXIMUM MINIMUM	\$88,000.00 \$72,000.00			
Capital \$	\$80,000.00		Expense \$	R. C.				
Budgeted:		YES		NO NO	Х			
Management Summa	ry: (Concise descrip	tion of the project)						
Replace administ	rative computers eve	ry three to five years	5				alcelo nu e	
Project Description:	(Describe the projec	et the Who, What, I	Where, and When)				
Engineering will so	et up a program to re	place on a rotating b	asis 20% of adminis	trative computers ever	y year.		making nil manifices	
Project Justification:	(Detail the Why)						
				ftware become obsolet y tools to perform their		insure the APTI It should be implemented.	State	
Alternatives with Adv. Note: there are alway: Alternative (1) Do	s at least two alternations at least two alt	atives the one you water	st	ng nothing. will not be current with	n industry needs.			
Project Risks and Und	certainties: (Obstaci	es to meeting object	ctives of project)					
Major obstacle is	s obtaining funding.						to SHUM	
Expected Cash Flow:	(Anticipated spendi	ng pattern)						
Cash Expenditure	Year 1 \$15,000.00	Year 2 \$15,000.00	Year 3 \$15,000.00	Year 4 \$15,000.00	Year 5	Total \$60,000.00		
			Ві	udget				
Item	\$			Comn	nents			
Project Mgmt Design								
Engineering								
Direct Labor Direct Materials	\$0.00 \$60,000.00							
Indirect Labor	300,000.00							
Indirect Materials								
Allocations								
Contingency								
Total	\$60,000.00							