Alaska Railroad Corporation

FEMA MP59.1 & MP59.5 GRAVEL AND CULVERT CLEANOUT

Clear gravel from existing and new culverts

Prepared by: TJ Sheffield on 2009.11.04

Construction Date: 2010

Description	Qty	Unit	Unit Price	Total	Notes / Comments
Construction					
Grade Construction				$ 4,900	
MP59.1 & MP59.5 Culvert Cleanout					
HE Operators					
Labor	2	DY	$ 1,121	$ 2,242	Assume one Foreman and one HE Opeator
Per Diem	2	DY	$ 85	$ 170	Assume half the crew is eligible for per diem
ARRC Equipment	2	DY	$ 1,230	$ 2,460	Assume a D6 dozer and 320 excavator
Construction Subtotal				$ 4,900	
Mobilization	0.00%			$ -	
Construction Total				**$ 4,900**	
Design & Support					
Engineering and Design				$ 1,500	
NEPA	1	LS	$ -	$ -	Assume funding agency requires National Environmental Policy Act studies
Permitting / SWPPP / Seeding	1	LS	$ 1,500	$ 1,500	Assume regulatory agency requirements / SWPPP / Seeding
Environmental / Cultural	1	LS	$ -	$ -	Assume no cultural resources survey for the identified site
QA / QC Testing				$ -	
Management				$ 600	
Project Management	3.00%			$ 200	
Project Management Support	1.00%			$ 100	
Construction Management	3.00%			$ 200	
Quality Assurance Mgmt	1.00%			$ 100	
Design & Support Total				**$ 2,100**	
Project Subtotal				$ 7,000	
Contingency	0.00%			**$ -**	
Indirects	16.50%			**$ 716**	
Grand Total (Rounded)				**$ 7,700**	

Assumptions and Scope

See Notes / Comments