

**North Road Extension  
APACHE ASSET LIST  
Attachment A to MOU**

	<u>Description</u>	<u>Price</u>
Furgo Geoconsulting, Inc.	Detailed Shallow Assessment with Integrated AVO Analysis	\$80,042.50
HDR Alaska Inc., Environmental Professional Services	Field work for wetlands, cultural resources, USACE Section 404 application, NEPA, functional assessment for wetlands and waterbodies, Section 106 of the National Historic Preservation Act, work with McLane Consulting and the US Fish and Wildlife Service regarding identification of a bald eagle nest, Eagle Take Permit, coordinate with USACE and the Conservation Fund regarding Project Mitigation, submittal of ADF&G Habitat permits, KPB Conditional Use & Multi-Agency Permit applications, matrix of potential permittee responsible mitigation plans, and activities pursuant to evaluation of an AK Dept. of Environmental Conservation Air Quality Permit.	\$358,693.74
McLane Consulting, Inc., Road and Site Preparation	Survey and Civil Engineer costs for North Road Extension to Otter Creek, prepare centerline alignment and corridor, shape files for wetlands consultants, integrate detailed surveys done in 2013 for stream crossings (Leif Cr., Otter Creek, Bill Beser Cr. and Seven Egg Creek), integrate prior work done for KPB, prepare preliminary civil plans for permitted, prepare USACE permit applications, ENG Form 4345 & attachments, applicant mitigation statements, KPB RSA ROW permit application, engineering services for the road, access, permitting, permits, Cad/Civil, clearing, drafting , design, clearing RFP, drawing review and update - permits, plan reviews, engineering services for the road, pipeline exhibits and review road permit requirements.	\$233,307.58

Parker Horn Company, Environmental Professional Services	Work on 404 permit through US Army Corp of Engineers, KPB permit, Air Permit, Alaska Plant Material Center regarding Mitigation Plan, Kenai Soil and Water Conservation regarding the Mitigation Plan for the 404 permit, and responded to comments received during public the public comment period.	\$27,067.50
PK Enterprise Consulting, Geological & Engineering	Provided technical support, reviewed the KPB ROW documents in preparation of permits to construct the road, reviewed the engineering drawings, worked on the Dept. of Transportation Form 100, reviewed the bid document and cover letter to bidders, read & scored each contractors proposal, worked with Tim Foster & Chumleys gravel hauling, and reviewed and obtained bid clarification.	\$5,430.00
Timothy Brandenburg, Geological & Engineering	Negotiating gravel source bid, worked on pre-bid materials to construct the road, worked on clearing bid packets, worked on 404 permit application, Prepared road bid packets, ROW bid packets, letter to tie into pipeline, rebid ROW, USF&WS questions regarding 404 permit, responded to the Corp regarding placement of staging area & drainage, and met with bidders for clarification on responses.	\$197,240.65
USACE, USF&WS, DEC, Alaska Chadux Corporation	Permit Application Fees/ Application Fees/Final 404 Permit	\$5,549.70
SAExploration, Inc., Road & Site Prep	On location survey crew.	\$110,837.43
Hamilton Engineering, Inc., Geological & Engineering	Well and Pad Design.	\$156,000.00
<b>Grand Total</b>		<b>\$1,174,169.10</b>