ITD 0771 (Rev. 10-06) Professional Agreement Invoice and Progress Report

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Idaho Transportation Department

This page must be filled out monthly by the Consultant and forwarded to the Agreement Administrator with the monthly invoice. If necessary, attach additional sheets for continuation.

Key Number	Project Number			Project Name	Date				
	ITD RP 216			ITD Real Time Weather Re	esponse	7/15/2013			
Agreement Admini	strator		Progress R	eport Number	Agreement Number				
Ned Parrish			KLK561-7	14	UI-12-01				
Consultant					Report/Billing Period (F	From and To)			
					6/1/2013-6/30/201	3			
Certification of Pay	ment Submitted	Certification Date	PSA	Number	Invoice Number	se 7/15/2013 ement Number 2-01 rt/Billing Period (From and To) 2013-6/30/2013 ce Number with field testing conducted on in addition to the already ion request. The project team he fire-wall-based secure real- e and the web-based weather disala, Inc. The weather sensor he system. The equipment will stall the equipment in the field at			
🗌 Yes 🛛	No				12				
Description of Wor	k Accomplished D	uring the Month	I						
The project team submitted an extension request to ITD to extend the project to March 31, 2014 with field testing conducted during winter 2014. The project scope will also be extended to include local weather sensing option in addition to the already developed Clarus weather monitoring option. ITD has approved the time and work scope extension request. The project team has been working with ITD Information Technology (IT) and Cyber Security team to implement the fire-wall-based secure real-time communication between the weather responsive system and the ITD network from one side and the web-based weather data system from the other side. The project team met several times with representatives from Vaisala, Inc. The weather sensor vendor has agreed to loan a fully functioning weather station to NIATT to facilitate lab testing of the system. The equipment will be shipped to NIATT on 7/31/2013. After the three-week lab testing, Vaisala and ITD staff will install the equipment in the field at the Palouse Rive Drive and US 95 intersection south of Moscow. Field testing of the system will start on November 2013. Summary of Work Completed to Date (Milestones Completed and Dates) See Gantt Chart									
Information Require		v Requiring a Supplemental	Agreement o	or Time Adjustments					
Consultant's Signa	ture			Printed Name and Title					
_				Ahmed Abdel-Rahim, Prir	ncipal Investidator				
1									

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Idaho Transportation Department

This page must be filled out by the Agreement Administrator.

Key Number	Program (Work Authority)	Progress Report Number	Agreemer	t Number				
		14	UI-12-01	1				
Report Reviewed By	·		·	Review Date				
The Following was Ir	nitiated							

Status Report

A completed status report must accompany all Agreement invoices recommended for payment. The requested percentage measurements of progress to this report are required.

Agreement Time	Time Passed			Percent	of Agreement Time	Elapsed P	Percent of Work Completed					
16 months		14 months				87.50%		88%				
Original Agreement Amount Suppleme		ental(s)	Current Agreement A		mount	Payments (Includin	g this Payment) Percent c	f Agreement Dollars Paid			
\$72,541.88 \$0.00			\$72	,541.88	66.38%							
Certification of Payment Subi	ertification Date	Fixed Fe		-	nvoice	To Date		Negotiated				
🗌 Yes 🗌 No					\$		\$		\$			
If There is a Significant Varia	nce Betw	een the Percentages	, Plea	ise Explain								
Consultant Invoice Number				This	This Payment Amount							
12			\$13	13,482.90								

Progress Payment: I certify that the Agreement provisions have been reviewed, the invoice amount checked, progress is substantiated, significant material expenses have support documentation (receipts), and the costs billed are project related and represent the work accomplished. I hereby approve the progress estimate for payment.

Final Payment: I certify that all work under the terms of the Agreement has been satisfactorily completed, any capital assets acquired have been delivered or value received, an affidavit of indebtedness received, and the project reviewed or audited and costs verified for work performed. I hereby approve final payment under the Agreement.

Agreement Administrator's Signature	Date	Second (Independent) Reviewer's Signature

ITD RP 216 KLK561 UI-12-01

Task	Task Description	2012								2013										2014			
Task	Task Description		Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1	Review and document existing resources	40%	35%	5%						15%					5%								
2	Document RWIS and controllers' NTCIP compliance	30%	30%	30%					10%														
3	Identify intersection(s) for field impelmentation	30%	20%	20%	15%				15%														
4	Define system specification		25%	60%					10%														
5	System Design				75%	20%					5%												
6	Data Interface and Analysis					50%	40%		5%						5%								
7	System Verification and Timing Analysis						40%	20%	25%	10%					5%								
8-A	Design a System based on local sensors														20%								
8-B	Field implementation, monitoring, and evaluation																						
9	Project quarterly reports			Х			Х		Х			Х											
10	Presentation to ITD management																						
11	Project final report																						