

# Professional Agreement Invoice and Progress Report

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 ITD RP 216	Project Name ITD Real Time Weather Response	Date 12/9/2013
Agreement Administrator Ned Parrish		Progress Report Number KLK561-19	Agreement Number UI-12-01
Consultant			Report/Billing Period (From and To) 11/1/2013-11/30/2013
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	PSA Number	Invoice Number 17
Description of Work Accomplished During the Month <p>ITD and Vaisala staff installed the local weather station in the field. The station is now fully functioning at the US 95 and Palouse River Drive intersection south of Moscow. We tested the data coming out of the station the last two weeks of November and everything seemed in order. The system is currently ready to start the full testing using local sensing options.</p> <p>Based on our discussion with D2, the system will keep mentioning the weather data. If snow or ice conditions are confirmed, the system will alert D2 staff (Dale Moore) via an e-mail message for the need to implement a weather responsive signal plan. Dale can then manually activate the weather responsive plan through the Centracs centralized control software. Similarly, if ice/snow conditions are confirmed to be cleared, the system will send another e-mail to Dale alerting him to go back to the normal signal timing plan. The system will send the alerts from 6:00 AM to 10:00 PM, as the intersection goes into flashing operation from 10:00 PM to 6:00 AM.</p>			
Summary of Work Completed to Date (Milestones Completed and Dates) See Gantt Chart			
Information Required from ITD to Avoid Delays			
List Changes in Scope or Complexity Requiring a Supplemental Agreement or Time Adjustments			
Consultant's Signature		Printed Name and Title Ahmed Abdel-Rahim, Principal Investigator	

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Key Number	Program (Work Authority)	Progress Report Number 19	Agreement Number UI-12-01
Report Reviewed By			Review Date
The Following was Initiated			

## 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 23 months	Time Passed 19 months	Percent of Agreement Time Elapsed 82.61%	Percent of Work Completed 93%
Original Agreement Amount \$72,541.88	Supplemental(s) \$0.00	Current Agreement Amount \$90,658.88	Payments (Including this Payment) \$74,464.12
Percent of Agreement Dollars Paid 82.14%			
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	<b>Fixed Fee</b> \$	This Invoice \$
		To Date \$	Negotiated \$
If There is a Significant Variance Between the Percentages, Please Explain			
Consultant Invoice Number 17	This Payment Amount \$1,615.24		

**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
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Task	Task Description	2012								2013												2014		
		May	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%									
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%	20%	20%	15%	25%	15%				
8-A	Design a System based on local sensors														20%	20%	10%	15%	30%					
8-B	Field implementation, monitoring, and evaluation																		20%	40%				
9	Project quarterly reports			X			X		X			X		X		X		X						
10	Presentation to ITD management																							
11	Project final report																		10%	20%				