

# 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 236	Project Name ITD Alt Traffic Detection	Date 1/11/2016
Agreement Administrator Ned Parrish		Progress Report Number KLK569-22	Agreement Number UI-14-03
Consultant			Report/Billing Period (From and To) 12/1/1/-12/31/15
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	PSA Number	Invoice Number 20
Description of Work Accomplished During the Month A total of six days of snowy weather conditions occurred during the month of December in the City of Moscow. This provided the project team with enough data to assesses the accuracy of different video detection systems under snowy weather conditions. The high resolution data is also being processed to determine detector accuracy using a validated computer program. Initial results showed that the detection error ranges from 1.5% to 5.6% during daylight and with errors ranging from 4% to 18% during night time and during heavy rains. More data will be processed in the further months.			
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 22	Agreement Number UI-14-03
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 25 months	Time Passed 22 months	Percent of Agreement Time Elapsed 88.00%	Percent of Work Completed 80%
Original Agreement Amount \$149,866.99	Supplemental(s) \$0.00	Current Agreement Amount \$149,966.99	Payments (Including this Payment) \$138,838.00
Percent of Agreement Dollars Paid 92.58%			
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 20		This Payment Amount \$4,749.04	

- 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	2014										2015												2016	
		Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1	Literature review		25%	25%	25%	15%					10%														
2	Identify test location and testing procedures				70%	25%					5%														
3	Invite vendors to participate in the study					40%	50%				10%														
4	Develop system architecture					25%	45%	10%	5%	5%		5%													
5	Detection system installation at test intersection						20%	60%	5%	5%		5%													
6	Field data collection											5%	15%	10%	20%	15%	10%	15%							
7	Data analysis																20%	20%	10%	25%			10%		
8	Project final report																						25%	5%	