## **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			Project Name	Date						
	ITD RP 235			ITD AASHTOWare	Pavement ME Design	6/6/2016					
Agreement Admini	strator		Progress Rep	oort Number	Number Agreement Number						
Ned Parrish			KLK572-13	3	UI-15-04						
Consultant					Report/Billing Period (	From and To)					
					5/1/16-5/31/16						
Certification of Pay	ment Submitted	Certification Date	PSA N	lumber	Invoice Number						
🗌 Yes 🛛	No				Invoice 9						
Description of Work Accomplished During the Month											
During May 2016, the work progress included:											
		er to discuss work-in-p	-								
		e the use of the softwa				<b>a</b>					
<ul> <li>Task #3 – Me working with D2</li> </ul>		Engineer of D3 to ider	ntify paveme	ent sections that car	n be used for the calibration	process. Continue					
-	-	for unfinished testing	work.								
	-	_									
-		e (Milestones Completed a Gantt Chart. Chart has		d to roflact the ovto	ncion to April 2019						
		mitted to ITD to modif			•						
		by about 23% based	•								
work complete		by about 2070 based (									
Information Requir	ed from ITD to Av	oid Delays									
monnation requi		old Delays									
List Changes in So	cope or Complexity	Requiring a Supplemental	Agreement or	Time Adjustments							
-			-		Budget reduced and time e	extended to April					
2018					U U						
Consultant's Signa	iture			Printed Name and Tit	le						
<u> </u>				Fouad Bayomy, Principal Investigator							
Fouad Bayomy, Principal Investigator											

### **Professional Agreement Invoice and Progress Report**

Idaho Transportation Department

### This page must be filled out by the Agreement Administrator.

Key Number	Program (Work Authority)	Progress Report Number	Agreement	Number		
		13	UI-15-04			
Report Reviewed B	Зу			Review Date		
The Following was	Initiated			<u>.</u>		

#### 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 F	Percent of Work Completed					
32 months	13 months	13 months			40.63%		0%					
Original Agreement Amount	Supplem	ental(s)	ent Agreement A	mount	Payments (Includin	g this Paymen	t) Percent c	of Agreement Dollars Paid				
\$369,983.38	\$0.00		\$369,983.38			\$38,782.62		10.49%				
Certification of Payment Sub	mitted C	ertification Date	ertification Date			nvoice	To Date		Negotiated			
🗌 Yes 🛛 🗌 No				Fixed Fee	e \$		\$		\$			
If There is a Significant Variance Between the Percentages, Please Explain												
Consultant Invoice Number			This	is Payment Amount								
Invoice 9			\$1,	728.00	)							

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					

# RP 235 (KLK 572)

Calibration of the AASHTOWare Pavement ME Design Performance Models for Flexible Pavements in Idaho - Time Schedule

		Year				20	15									20	16										
Task No	Task Description	Month	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Мау
		Elapsed Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Task 1	Review of the ME software of prediction models for Flexibl		5%	5%	5%	10%				15%	15%	20%															
Tack 7	Evaluate the design inputs re ME Software	equired for the				10%			10%	5%	20%	20%			10%												
Task 3	Identify and select the paver for the calibration	ment sections		5%	5%	5%	10%	10%			10%	5%	3%	5%	5%		3										
Task 4	Conduct Creep Compliance a	and IDT Testing		5%		5%	5%	5%	5%		5%		2%	2%													
Task 5	Develop a performance data calibration for the selected s																										
Task 6	Run the software with the as database	ssembled																									
Task 7	Develop Idaho calibration fa	ctors																									
Task 8	Summary of findings and recommendations																										
Task 9	Prepare and conduct training	g workshop																									
Task 10									1		Final Report																
а	Submit Outline for ITD to Re	view																									
b	Meet ITD to discuss outline																										
	Prepare report and send dra reviewer	lft to peer																									
d	Send draft to report editor																										
е	Submit draft of required out	put																									
f	ITD / FHWA Review																										
g	Final Report due to ITD																										
	Indiantan Culumittal # to ITD		-		•				•				•				•	•									<u>.</u>

Indicates Submittal # to ITD

R	lev	ise	d IV	Possible Extension (Mainly for the report review)											
	20	17						2018							
у	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Mar	Apr					
5	26	27	28	29	30	31	32	33	34	35	36				
	4														
	5														
				6											
				7											
				8											
					9										
											10				