

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 235	Project Name ITD AASHTOWare Pavement ME Design	Date 9/9/2015
Agreement Administrator Ned Parrish		Progress Report Number KLK572-4	Agreement Number UI-15-04
Consultant			Report/Billing Period (From and To) 8/1/2015-8/31/2015
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	PSA Number	Invoice Number 2
Description of Work Accomplished During the Month During this month: <ul style="list-style-type: none"> - Review some literature and posted webinars by FHWA - Study and Review TAMS system with ITD-D2 engineer - Work on review of ME software document - Working with WSU for lab test program - Procuring core samples from various projects (US 95, Lewiston Hill, and other locations) - Identifying some sections for adopting for the calibration process; - Searching to hire a Post-Doc 			
Summary of Work Completed to Date (Milestones Completed and Dates) Project progress is shown on the attached Gantt Chart. No mile stone completed yet. Work completed so far is estimated to be about 7%. Note: Arrangement with WSU (Haifang) for hiring a Post-Doc failed. We need to have a national search. This is expected to cause some time delay.			
Information Required from ITD to Avoid Delays N/A			
List Changes in Scope or Complexity Requiring a Supplemental Agreement or Time Adjustments N/A			
Consultant's Signature		Printed Name and Title Fouad Bayomy, Principal Investigator	

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Key Number	Program (Work Authority)	Progress Report Number 4	Agreement Number UI-15-04
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 32 months	Time Passed 4 months	Percent of Agreement Time Elapsed 12.50%	Percent of Work Completed 7%
Original Agreement Amount \$369,983.38	Supplemental(s) \$0.00	Current Agreement Amount \$369,983.38	Payments (Including this Payment) \$9,385.66
Percent of Agreement Dollars Paid 02.54%			
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	Fixed Fee \$	This Invoice \$
		To Date \$	Negotiated \$
If There is a Significant Variance Between the Percentages, Please Explain			
Consultant Invoice Number 2		This Payment Amount \$1,797.99	

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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RP 235 (KLK 572)

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

Task No	Task Description	Year	2015												2016												2017													
		Month	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
		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	26	27	28	29	30	31	32						
Task 1	Review of the ME software distress prediction models for Flexible Pavements		5%	5%	5%	10%						1																												
Task 2	Evaluate the design inputs required for the ME Software					10%									2																									
Task 3	Identify and select the pavement sections for the calibration			5%	5%	5%									3																									
Task 4	Conduct Creep Compliance and IDT Testing at WSU			5%		5%																																		4
Task 5	Develop a performance database for the ME calibration for the selected sections																																						5	
Task 6	Run the software with the assembled database																																						6	
Task 7	Develop Idaho calibration factors																																						7	
Task 8	Summary of findings and recommendations																																						8	
Task 9	Prepare and conduct training workshop																																						9	
Task 10	Final Report																																							
a	Submit Outline for ITD to Review																																							
b	Meet ITD to discuss outline																																							
c	Prepare report and send draft to peer																																							
d	Send draft to report editor																																							
e	Submit draft of required output																																							
f	ITD / FHWA Review																																							
g	Final Report due to ITD																																						10	

Indicates Submittal # to ITD