

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 3/3/2016
Agreement Administrator Ned Parrish		Progress Report Number KLK572-10	Agreement Number UI-15-04
Consultant			Report/Billing Period (From and To) 2/1/2016-2/29/16
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	PSA Number	Invoice Number Invoice 6
Description of Work Accomplished During the Month During February 2016, the following work was performed: <ul style="list-style-type: none"> - Work on Task#1 - Continue the review. An interim brief report was submitted for Submittal #1 - Work on Task #2 - AASHTOWare design guide was reviewed. Design Inputs required to run ME software are identified and process to collect them started. - Work on Task #3 – Limited work on sections previously identified. - Work on Task #4 – Samples collected from field projects are now being gathered at WSU. 			
Summary of Work Completed to Date (Milestones Completed and Dates) Please refer to the attached Gant Chart. Work completed is estimated by about 24%			
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 Fouad Bayomy, Principal Investigator	

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This page must be filled out by the Agreement Administrator.

Key Number	Program (Work Authority)	Progress Report Number 10	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 10 months	Percent of Agreement Time Elapsed 31.25%	Percent of Work Completed 24%
Original Agreement Amount \$369,983.38	Supplemental(s) \$0.00	Current Agreement Amount \$369,983.38	Payments (Including this Payment) \$33,643.98
Percent of Agreement Dollars Paid 09.09%			
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 Invoice 6		This Payment Amount \$14,035.46	

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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KLK572_PR#10_Feb 2016

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%					15%	15%	20%																																					
Task 2	Evaluate the design inputs required for the ME Software					10%				10%	5%	20%	20%																																					
Task 3	Identify and select the pavement sections for the calibration			5%	5%	5%	10%	10%					10%	5%																																				
Task 4	Conduct Creep Compliance and IDT Testing at WSU			5%		5%	5%	5%	5%			5%																																						
Task 5	Develop a performance database for the ME calibration for the selected sections																																																	
Task 6	Run the software with the assembled database																																																	
Task 7	Develop Idaho calibration factors																																																	
Task 8	Summary of findings and recommendations																																																	
Task 9	Prepare and conduct training workshop																																																	
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																																																	
	Indicates Submittal # to ITD																																																	