



Professional Agreement Invoice and Progress Report

ITD 0771 (Rev. 01-17)

Idaho Transportation Department

itd.idaho.gov

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 7/18/2018 |
| Agreement Administrator Mike Santi | Progress Report Number KLK572-38 | Agreement Number UI-15-04 | |
| Consultant's Name | | Report/Billing Period (From and To) 6/1/18-6/30/18 | |
| Prompt Payment To Subconsultant(s) Verified <input type="checkbox"/> Yes <input type="checkbox"/> No | Authorization Number | Invoice Number Invoice 34 | |
| Describe Work Accomplished During the Month (List Major Activities that were in progress during this period and estimate the remaining time for each.) - Final report is revised as per ITD review comments and submitted to ITD. - Performance database for all pavement sections considered in this study (in Excel file format) is also completed and is being sent to ITD along with this report | | | |
| Summarize Work Completed to Date (Milestones Completed and Dates) (List Major Activities that were completed, including completion dates.) Please refer to the attached Gantt Chart. All project tasks are completed. Final report is completed and submitted to ITD. Project is 100% complete. | | | |
| List Information Required from ITD to Avoid Delays | | | |
| List Changes in Scope or Complexity that Requires a Supplemental Agreement or Time Adjustments | | | |
| Printed Name Fouad Bayomy | Title Principal Investigator | Consultant's Signature | |

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Status Report **This page must be completed by the Agreement Administrator**

A completed status report must accompany all Agreement invoices recommended for payment. The requested percentage of progress measurements for this report/billing period are required.

| | | | |
|--|---------------------|-----------------------------------|-----------------------------------|
| Key Number | Program Number | Progress Report Number | Agreement Number |
| | | 38 | UI-15-04 |
| Agreement Time | Time Passed | Percent of Agreement Time Elapsed | Percent of Work Completed |
| 38 months | 38 | 100.00% | 100% |
| Original Agreement Amount | Supplemental(s) | Current Agreement Amount | Payments (Including this Payment) |
| \$338,036.85 | \$0.00 | \$338,036.85 | \$338,036.81 |
| Percent of Agreement Dollars Paid | | | |
| 100.00% | | | |
| Prompt Payment To Subconsultant(s) Verified | Fixed Fee | This Invoice | To Date |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | | \$ | \$ |
| Negotiated | | | |
| \$ | | | |
| If There is a Significant Variance Between the Percentages, Please Explain | | | |
| | | | |
| Consultant Invoice Number | This Payment Amount | | |
| Invoice 34 | \$9,698.51 | | |
| Report Reviewed By | | | Review Date |
| | | | |

Consultant Performance **To Be Completed Monthly by the Agreement Administrator**

| | | |
|--|--|--|
| Work planned for this period was completed | Quality of work was completed satisfactory | Discussed performance with Consultant |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Explain | | |
| | | |
| Performance: Describe the Consultants performance during this period | | |
| | | |

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 |
| | | |

Distribution: DRI (Original) - Project File

Copy - Prime Consultant

ITD RP 235: KLK572: UI-15-04

| 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% | | | | | | 10% | | | | 5% | | | | 3% | 5% | 2% | | | | | | | | | | | | |
| Task 2 | Evaluate the design inputs required for the ME Software | | | | | 10% | | | 10% | 5% | 20% | 20% | | | 10% | 5% | | | 10% | | | | | | 5% | 5% | 5% | 5% | | | | | | | | | | | | |
| Task 3 | Identify and select the pavement sections for the calibration | | | 5% | 5% | 5% | 10% | 10% | | | 10% | 5% | 3% | 5% | 5% | 17% | 5% | | This 1 | 10% | 5% | | 5% | 5% | | 5% | | | | | | | | | | | | | | |
| Task 4 | Conduct Creep Compliance and IDT Testing | | 5% | | 5% | 5% | 5% | 5% | | | 5% | | 2% | 2% | | 15% | 20% | 25% | | | 2% | 5% | | 2% | 2% | 2% | 2% | 7% | 5% | | | | | | | | | | | |
| Task 5 | Develop a performance database for the ME calibration for the selected sections | | | | | | | | | | | | | | | 7% | 10% | 25% | | | 10% | 15% | 8% | 5% | 5% | 5% | 2% | 10% | 5% | | 10% | | | | | | | | | |
| Task 6 | Run the software with the assembled database | | | | | | | | | | | | | | | | | | | | | 25% | 5% | 5% | 5% | 10% | 15% | 5% | 5% | 5% | 5% | 10% | 10% | | | | | | | |
| Task 7 | Development and Validation of Idaho calibration factors | | | | | | | | | | | | | | | | | | | | | 10% | | | 5% | 5% | 5% | 5% | 15% | 5% | 5% | 5% | 15% | 10% | 20% | 10% | | | | |
| Task 8 | Summary of findings and recommendations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5% | 5% | 10% | | 10% | | | |
| Task 9 | Prepare and conduct training workshop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10% | | |
| 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 reviewer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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

Project is 100% Complete

| 2018 | | | | | |
|------|-----|-----|------|-----|------|
| Jan | Feb | Mar | Apr | May | Jun |
| 33 | 34 | 35 | 36 | 37 | 38 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 5% | | | | | |
| | | | | | |
| 10% | 20% | 15% | 25% | | |
| 10% | 10% | 20% | 50% | | |
| | | | | | |
| 100% | | | | | |
| | | | | | |
| | 50% | | 50% | | |
| | | | 100% | | |
| | | | 100% | | |
| | | | | 50% | 50% |
| | | | | | #### |

: and Final report is submitted to ITD