ITD 0771 (Rev. 10-06) itd.idaho.gov

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 9/8/2014 | | | | | |
|--|---|--|--------------|-------------------------|---|----------------------|--|--|--|--|--|
| • | ITD RP 237 | | | ITD Asphalt Pavment | ts Phase 1 | | | | | | |
| Agreement Admini | strator | | Progress Re | port Number | Agreement Number | | | | | | |
| Ned Parrish | | | KLK568-5 | | UI-14-02 | | | | | | |
| Consultant | | | | | Report/Billing Period (| From and To) | | | | | |
| | | | | | 8/1/2014-8/31/201 | 14 | | | | | |
| Certification of Pay | ment Submitted | Certification Date | PSA | Number | Invoice Number | | | | | | |
| ☐ Yes ☐ | No | | | | 3 | | | | | | |
| Description of Wor | k Accomplished D | uring the Month | | | | | | | | | |
| Literature revie our requests. | w continued. C | ontacts with fiber vend | dors reveal | ed no additional inform | nation. The vendors are n | ot responding to | | | | | |
| | ersion binder to | be used in the mix (P | | | d binder grade is PG 64- due to the fact that the c | | | | | | |
| | | am visited the project mat of the overlay at t | | | ion process for the three | types of fibers, and | | | | | |
| Summary of Work | Completed to Date | e (Milestones Completed an | nd Dates) | | | | | | | | |
| project was rev the research te Work complete See Gantt Cha | iewed. UI team am had the op d is estimated rt | was not consulted on portunity to attend duri to be about 20%. | the develo | opment of the mix desi | ified asphalt pavements. gn. In August, paving wa fiber-addition process. | | | | | | |
| Information Requir | | • | | | | | | | | | |
| | • | ave not been received | • | | | | | | | | |
| can have some | influence to in | nprove their cooperation | on, it would | be very helpful. | in other projects around | the country. If ITD | | | | | |
| List Changes in So | ope or Complexity | Requiring a Supplemental | Agreement o | r Time Adjustments | | | | | | | |
| | | | | | | | | | | | |
| Consultant's Signa | ture | | | Printed Name and Title | | | | | | | |
| | | | | Fouad Bayomy, Pri | ncipal Investigator | | | | | | |

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This page must be filled out by the Agreement Administrator.

| Kay Number | Drogram (M- | al. A sale a sia A | Drogross | Danast Number | | | A aroom ont Nu | Number. | | | | | |
|---------------------------|--|--------------------|--------------|-----------------|-------------------|-----------------|----------------|---------------|----------------------|--|--|--|--|
| Key Number | Number Program (Work Authority) Progress Report Nu 5 | | | | | | Agreement Nu | | | | | | |
| | | | | UI-14-02 | | _ | | | | | | | |
| Report Reviewed By | | | | | | | F | Review Date | | | | | |
| | | | | | | | | | | | | | |
| The Following was Initia | ated | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| Status Report | | | | | | | | | | | | | |
| A completed status | | | | | recom | mended for p | ayment. The | e requeste | ed percentage | | | | |
| measurements of p | rogress to t | • | • | | | | | | | | | | |
| Agreement Time | Time Passed | d | F | | of Agreement Tim | e Elapsed P | ercent of W | ork Completed | | | | | |
| 21 months | | 5 months | | | 23.81% | | | 20% | | | | | |
| Original Agreement Am | | , , | | | Payments (Includi | ng this Payment | - | | | | | | |
| \$119,932.00 | | \$119,932.00 | | | \$3,143.75 | | 02.63% | | | | | | |
| Certification of Paymen | Certification Dat | | | | voice | To Date | | Negotiated | | | | | |
| ☐ Yes ☐ No | | | Fixed Fee | \$ | | \$ | | \$ | | | | | |
| If There is a Significant | Variance Bety | ween the Percer | ntages, Plea | se Explain | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| Consultant Invoice Num | | - | nt Amount | | | | | | | | | | |
| 3 | \$96 | \$963.43 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Progress Pa | | | | | | | | | | | | | |
| | | | | | | | | | d the costs billed | | | | |
| are project rel | ated and re | epresent the | work ac | complished. | rnerei | by approve in | e progress | esumate | ior payment. | | | | |
| Final Payme | nt: Leertify | that all work | k under th | ne terms of the | e Aare | ement has be | en satisfact | orily comr | oleted, any capital | | | | |
| | | | | | | | | | the project reviewed | | | | |
| or audited and | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Agreement Administrate | or's Signature | | I | Date | | Second /Ir | ndependent) Re | viowor's C:~ | naturo | | | | |

KLK568_PR#05_August 2014

| RP 237 - KLK568: Evaluation of Fiber- Reinforced Asphalt Pavements – Phase 1: Laboratory Study | | Month Elapsed | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|-----|------|-----|-----|------|-----|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | Year 2014 | | | | | | | | Year 2015 | | | | | | | | | | | | | |
| Task No. | Task Name | Apr | May | June | Jul | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| Task 1 | Literature Review on Fibers in HMA | 0% | 15% | 20% | 20% | 15% | | | | | | | | | | | | | | | | |
| Task 2 | In-Depth Study of the proposed types of Fibers in this Project: | | | 5% | 20% | 20% | | | | | | | | | | | | | | | | |
| Task 3 | Mix Design, Construction of Test Sections and Material Procurement | | | | 5% | 80% | | | | | | | | | | | | | | | | |
| Task 4 | Lab Testing and Data Analysis | | | | | | | | | | | | | | | | | | | | | |
| Task 5 | Performance Prediction using AASHTOWare ME Design Software | | | | | | | | | | | | | | | | | | | | | |
| Task 6 | Evaluation of Fiber Dispersion in the Mix Using X-Ray Tomography | | | | | | | | | | | | | | | | | | | | | |
| Task 7 | Modeling Fiber-Reinforced HMA | | | | | | | | | | | | | | | | | | | | | |
| Task 8 | Final Report | | | • | | • | | | • | | | • | | | | | | | | • | | |
| 8a | Submit Outline for ITD to Review | | | | | | | | | | | | | | | | | | | | | |
| 8b | Meet ITD to discuss outline | | | | | | | | | | | | | | | | | | | | | |
| 8c | Send draft to peer reviewer | | | | | | | | | | | | | | | | | | | | | |
| 8d | Send draft to report editor | | | | | | | | | | | | | | | | | | | | | |
| 8e | Submit draft of required output | | | | | | | | | | | | | | | | | | | | | |
| 8f | ITD / FHWA Review | | | | | | | | | | | | | | | | | | | | | |
| 8g | Final Report due to ITD | | | | | | | | | | | | | | | | | | | | | |