FORM APPROVED COUNTY COUNSEL BY:

SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



SUBMITTAL DATE:

November 24, 2014

FROM: TLMA – Transportation

SUBJECT: Amendment to the Engineering Services Agreement with CH2M HILL, Inc., for the Design and Construction Support Phases of the Clinton Keith Road Extension Project. "3rd District; [\$4,553,005]; Local Funds 100%

RECOMMENDED MOTION: That the Board of Supervisors:

- 1. Approve Amendment No. 5 to the Engineering Services Agreement between CH2M HILL, Inc. and the County of Riverside (Agreement No. 02-02-005); and
- 2. Authorize the Chairman of the Board to execute the same.

BACKGROUND:

Summary

On March 5, 2002 (Item 3-41), the Board of Supervisors approved the Engineering Services Agreement with CH2M HILL, Inc. for the preparation of environmental documentation and preliminary engineering for the extension of Clinton Keith Road between Antelope Road and State Route (SR-79).

Patricia Romo

Assistant Director of Transportation

for Juan C. Perez

Director of Transportation and Land Management

Mauslo

FINANCIAL DATA	Currer	nt Fiscal Year:	Next Fi	scal Year:	Total	Cost:	0	ngoing Cost:		POLICY/CONSEN (Per Exec. Office)	
COST	\$	198,192	\$	198,192	\$	4,553,005	\$	0	Cor	scont D Policy	
NET COUNTY COST	\$	0	\$	0	\$	0	\$	0	Coi	nsent Policy	
SOURCE OF FUNI	DS: I	Developer Co	ntribu	tions - 100%				Budget Adjustn	nent	: NA	
								For Fiscal Year:	:	14/15, 15/16	;
C.E.O. RECOMME	NDA	TION:			Α	PPROVE.	72	~			

AFFRUVE

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

☐ Positions Added	☐ Change Order
A-30	4/5 Vote

/3

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

FORM 11 Amendment to the Engineering Services Agreement with CH2M HILL, Inc., for the Design and Construction Support Phases of the Clinton Keith Road Extension Project. 3rd/3rd District; [\$4,553,005]; Local Funds 100%

DATE: November 24, 2014

PAGE: 2 of 3

BACKGROUND:

Summary (continued)

On November 2, 2004 and on December 19, 2006, the Board of Supervisors approved Amendment No. 1 and Amendment No. 2, which modified the scope to incorporate additional environmental tasks and to provide final engineering design services necessary to prepare plans, specifications, and estimates. On November 2, 2010, the Board of Supervisors approved Amendment No. 3, which extended the termination date to June 30, 2014, in order to continue with design activities, support right-of-way acquisition, and develop construction strategies and support.

The Clinton Keith extension project improvements provide for a new six lane roadway between Interstate 215 (I-215) and SR-79. In an effort to expedite the completion of this new connection with the limited funding available, the Transportation Department made the decision to construct the project in multiple phases. The City of Murrieta completed the construction of the Clinton Keith Road segment between I-215 and Whitewood Road in 2012, and the segment between Trois Valley and Leon Road was completed as part of the DR Horton development. The next phase will be to construct the connection between Whitewood Road and Trois Valley.

On December 4, 2012, the Board of Supervisors approved Amendment No. 4, which modified the contract scope to include the revision of the environmental documents and design plans for the next phase of work. The major revisions to the scope of services included additional design tasks to develop plans and specifications, for the construction of the south half of the roadway between Whitewood Road and Trois Valley, and to prepare an addendum to the approved Environmental Impact Report (EIR) to document changed site conditions.

Amendment No. 5 will modify the contract scope due to additional environmental and design requirements as described in two components below:

- Changed project site conditions, including newly created wetlands, additional jurisdictional drainages, new riparian areas, and unidentified cultural resources require additional studies, MSHCP consistency reviews, permit applications, and design changes to avoid cultural findings and mitigate impacts.
- Additional design work for the preparation of bid documents for constructing a four lane facility as an
 alternate bid instead of the proposed two lane facility. This effort includes additional traffic, air, hydrology,
 and drainage analysis to be included in the EIR addendum. The four lane facility will provide additional
 capacity and will potentially help reduce traffic on adjacent roadways. Additional plans, specifications,
 and estimates must be prepared for the alternate bid. Based on bid prices and available funding, the
 department will select the appropriate alternative to proceed with.

Budget Summary:

Current Contract \$4,156,622
Amendment No. 5 \$396,383
Total Contract \$4,553,005

Construction is expected to begin in mid-2015.

SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

FORM 11 Amendment to the Engineering Services Agreement with CH2M HILL, Inc., for the Design and Construction Support Phases of the Clinton Keith Road Extension Project. 3rd/3rd District; [\$4,553,005]; Local Funds 100%

DATE: November 24, 2014

PAGE: 3 of 3

Impact on Residents and Businesses

The Clinton Keith Road Extension Project will benefit the public by providing an alternative arterial road between SR-79 and I-215 in the French Valley/Murrieta area. The road will reduce travel times and congestion relief along the existing roadways.

SUPPLEMENTAL:

Additional Fiscal Information

The additional environmental and design phase is fully funded by developer contributions.

Contract History and Price Reasonableness

This amendment has been negotiated to reflect standard industry costs for engineering services. The scope of work and schedule have been reviewed to ensure that the cost of services address the tasks that need to be completed for timely completion. Savings in excess of 10% from the original estimate have been realized by negotiating costs and by planning critical path activities to minimize review cycles.

ATTACHMENTS:

Amendment No. 5 Attachment "A" – Scope of Work Attachment "B" – Salary Rates

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AMENDMENT NO. 5

AMENDMENT TO AGREEMENT BETWEEN

THE COUNTY OF RIVERSIDE AND CH2M HILL, INC.

FOR ENGINEERING SERVICES ON THE CLINTON KEITH ROAD - I-215 TO SR-79 PROJECT

THIS AMENDMENT NO. 5 (hereinafter the "Amendment") to an agreement is made and entered into as of this _____ day of _____, 2015, by and between the County of Riverside, a political subdivision of the State of California (hereinafter the "COUNTY"), and CH2M HILL, Inc. (hereinafter "ENGINEER").

RECITALS

- A. COUNTY and ENGINEER have entered in an agreement entitled "Engineering Services Agreement for the Clinton Keith Road I-215 to SR-79 project between the County of Riverside Transportation Department and CH2M HILL, Inc.," that is dated March 5, 2002, and amended on November 2, 2004, December 19, 2006, November 2, 2010, and December 4, 2013 (hereinafter the "Agreement"). The Agreement provides the terms and conditions, scope of work, schedule, and budget for the performance of professional and technical services necessary to prepare an environmental document, project report, plans, specifications, and estimates.
- B. The parties desire to supplement the current Agreement to include additional services for the two lane facility, modify the scope of services to increase the scope to include an alternate four lane facility as an alternate bid, modify the contract salary rates, and increase the contract budget.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties agree as follows:

1. The current contract budget of \$4,155,156.00 shall be increased by \$396,383.00 including contingencies to \$4,551,539.00 as provided below:

Two Lane Facility:

- Phase 1 amend the Environmental Impact Report (EIR) due to cultural and biological resources not previously identified including additional analyses.
- Phase 2 design modifications required to address City of Murrieta requirements, update the bridge design to accommodate utility openings, and to address constructability review comments.
- Increase the budget by \$173,954 to cover these tasks.

Four Lane Facility Alternate Bid:

- Phase 1 update the EIR addendum to include changes to the project description and any affected analyses (traffic, air, noise, water quality/hydrology) for the four lane facility as an alternate bid to the currently designed two lane facility.
- Phase 2 prepare Plans Specifications and Estimates for a four lane alternate bid.
- Phase 3 provide bid support services for the alternate bid.
- Increase the budget by \$222,428 to cover these tasks.

Detailed descriptions of the extra work and summaries of the requested and recommended budget adjustments are provided in Attachment "A" of this Amendment.

- 2. The existing billing rates as approved in Amendment No. 1 on November 2, 2004, Article C II B, is amended to reflect CH2M HILL's current billing rates as identified in Attachment "B" of this Amendment.
- 3. Except to the extent specifically modified or amended hereunder, all of the terms, covenants, and conditions of the Agreement as approved on dated March 5, 2002, and amended on November 2, 2004, December 19, 2006, November 2, 2010, and December 4, 2013 shall remain in full force and effect between the parties hereto.

IN WITNESS HEREOF, the parties hereto have caused this amendment to the Agreement to be duly executed this day and year first written above.

- 1		
2	COUNTY Approvals	ENGINEER Approvals
3	RECOMMENDED FOR APPROVAL:	ENGINEER:
4 5 6	JUAN C. PEREZ	Dated:
7	Director of Transportation and Land Management	
8	Patricia Romo Assistant Director of Transportation	PRINTED NAME
9	APPROVED AS TO FORM:	ТПТЕ
10	County Counsel	ENGINEER:
11		
12		
13	Marsha & Victor Dated: 12/8/14	Dated:
14	By Deputy	PRINTED NAME
15		
16	APPROVAL BY THE BOARD OF SUPERVISORS	TITLE
17	9	
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19	Dated:	
20	PRINTED NAME	
21	Chairman, Riverside County Board of Supervisors	
22		
23	ATTEST:	
24		
25		
26	Dated:	
27	KECIA HARPER-IHEM	
28	Clerk to the Board of Supervisors (SEAL)	

ARTICLE VII • APPROVALS

Attachment A SCOPE OF WORK

Clinton Keith Road Extension Project Amendment No. 5 with Alternate Bid Scope of Work

November 17, 2014

Introduction

This Amendment No. 5 is submitted to cover out of scope work tasks and to be able to continue environmental and design support of the Clinton Keith Road Extension Project (Project) for the Riverside County Transportation Department (RCTD).

This Amendment is required in order to incorporate additions to the scope of work for the current CH2M HILL INC Engineering and Environmental Services Agreement.

The following describes the reasons why the additional compensation is necessary, and the additional scope of work for each task that is involved in this Amendment. The cost associated with each of these Tasks is attached.

PHASE 1 (PA&ED)

Engineering and Management Tasks - \$58,232.67

A. (Task T1.01) - Project Administration/Project Management - \$8,253.45

The scope of these tasks has been modified and the associated budget needs to be increased by a total of \$8,253.45 for the following reasons:

Our current contract had a completion date of December 2013. Additional project management is needed to cover Phase 2 and Phase 3 costs until June 2016.

Also, attendance at monthly meetings with the environmental team was required to discuss project issues and schedule to keep the project on track. These meetings were not anticipated as part of the original Amendment and all Project Management and Administration efforts were anticipated to be completed by December 2013. Additional budget for Phase 1 (PA/ED) is needed to provide these services through June 2016.

B. (Task T1.07.01) - EIR Addendum - \$22,213.92

The cost associated with this task is \$22,213.92. An EIR Addendum is needed based on the following reasons:

An EIR Addendum is needed and was scoped to be completed with Amendment 4 to include analyses associated with one newly created wetland area within the Project footprint and construction phasing. Due to construction improvements, adjacent to the project, that occurred after the wetland delineation was conducted, existing conditions and topography of the project area have changed and additional jurisdictional drainages were created. These include

improvements at the high school that have caused new riparian areas to the northeast of Whitewood, the area to the south of Clinton Keith and west of Trois Valley that has been created from the developments detention basin, and the new pipe that was added from the Regency project near SR79.

In addition to the new wetland areas, recent field studies identified several previously unidentified cultural resources within the project footprint that must be included in the EIR Addendum. Additional scope is needed to address these wetland and cultural resources as follows:

- Need to include additional impact calculations and associated text/tables for 16 jurisdictional water features based on ICF's JD Report. These were created from recent construction and topography changes of the project area.
- Need to include additional GIS figures for 16 jurisdictional water features. These were created from recent construction and topography changes of the project area.
- Need to include updated impacts and associated text/tables for cultural findings for entire project.
- Need to include additional GIS figures for cultural section of EIR Addendum
- Update mitigation sections of Biological Resources and Cultural Resources

Submittals:

 Draft EIR Addendum and Final EIR Addendum needs to be updated to include these resources.

Addendum Assumptions:

- The environmental footprint will remain the same as that presented in the January 2006 Supplemental EIR
- No public circulation will occur for the EIR Addendum
- In addition to the assumptions listed above, approval of the EIR Addendum will be achieved after addressing no more than one round of review comments on the Draft EIR Addendum unless additional review(s) are due to quality of the deliverables.

C. (Task T1.07.03) – Agency Coordination for Joint Project Review and MSHCP Consistency - \$9,529.47

The cost associated with this task is \$9,529.47. Due to construction improvements, adjacent to the project, that occurred after the wetland delineation was conducted, existing conditions and topography of the project area have changed and additional jurisdictional drainages were created. These include improvements at the high school that have caused new riparian areas to the northeast of Whitewood, the area to the south of Clinton Keith and west of Trois Valley that has been created from the developments detention basin, and the new pipe that was added from the Regency project near SR79. An updated Joint Project Review (JPR)/MSHCP Consistency will need to take place and was scoped with Amendment 4, however, additional work is required for the following reasons:

- Additional impact calculations for MSHCP Riparian/Riverine resources based on updated findings in ICF's Jurisdictional Delineation Report will need to be incorporated. These were created from recent construction and topography changes of the project area.
- New figures will need to be created for these additional sites that were created from recent construction and topography changes of the project area.
- Associated text will need to be updated.
- Coordination with ICF for data sharing.
- Identify additional mitigation measures for DBESP based on ICF Jurisdictional Delineation Report. (Note: Amendment 4 only assumed mitigation was needed for the Leon Rd wetland area).

Amendment Assumptions:

- This scope includes one site visit with the wildlife agencies
- Approval of the Final Joint Project Review Package will be achieved after addressing no more than one round of review comments on the Draft Joint Project Review Package.

D. (Task T1.07.04) - Permit Applications - \$8,949.44

The cost associated with this task is \$8,949.44. Due to construction improvements, adjacent to the project, that occurred after the wetland delineation was conducted, existing conditions and topography of the project area had changed and additional jurisdictional drainages were created. These include improvements at the high school that have caused new riparian areas to the northeast of Whitewood, the area to the south of Clinton Keith and west of Trois Valley that has been created from the developments detention basin, and the new pipe that was added from the Regency project near SR79. Updated permit applications are needed to re-submit to the CDFW, Regional Water Quality Control Board (RWQCB), and the Army Corps of Engineers (ACOE) based on changes in impacts to waters of the U.S./state. Additional work is needed based on the following reasons:

 Although Amendment #4 covered permits for both east and west sides, the direction from RCTD was to use the existing 401 and existing Operation of Law Letter from CDFW for the west side and only pursue obtaining the 404 permit (using the 2004 JD and existing 401). The off-site mitigation was supposed to remain the same as well, however, the Santa Margarita In-Lieu fee program no longer exists (which was the proposed off site mitigation for the project as stated in the 2006 JD and CDFW Op Law Letter). For the east side, the only area that was supposed to be included in the permit package was 1 wetland area near Leon. However, after RCTD contracted ICF to update the JD for the entire alignment, there were several drainages added to both the west and east sides. As a result, additional effort, above and beyond what would have been required to permit both the west and east sides under the previous scenario, is required to update the permit package for the west side. This includes additional coordination with the agencies to describe changes in the project description, updated impacts and including information on any updated off-site mitigation areas.

- Additional jurisdictional delineation areas will need to be included for the west side permit applications. These were created from recent construction and topography changes in the project area.
- Updated impact calculations and associated figures for jurisdictional areas on the west side (CDFW SAA, 401 Permit, Nationwide 404 Permit) will need to be included in the application. These were created from recent construction and topography changes of the project area.
- Additional coordination with RWQCB and ACOE will need to occur to identify if the existing 401 may be used
- Additional coordination with CDFW will need to occur due to the change in the Project Description and mitigation opportunities since the Operation of Law Letter was issued. This includes a new application.
- Additional coordination efforts with ICF will need to be made
- Updated mitigation options may need to be included in the permit application package

Submittals:

- Streambed Alteration Agreement permit package was included in Amendment 4
- Regional Water Quality Control Board 401 permit package was included in Amendment
- Army Corps of Engineers Nationwide 404 permit package was included in Amendment
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Addendum Assumptions:

- The scope of this task includes a maximum of 3 site visits to account for differing availability among the three permitting agencies.
- Permits would still be split into East/West sections as previously proposed. As such, the
 west side impacts would fall under a Nationwide 14. The east side impacts would
 increase due to the newly created wetlands that connect to French Valley Creek, and an
 increase in wetland habitat at French Valley.

- CH2M HILL will prepare the permit packages for the CDFW Streambed Alteration Agreement, the RWQCB 401 permit, and the Nationwide 404 Permit for impacts associated with the west side (from Whitewood Road to Trois Valley Street)
- ICF will be preparing the permit packages for the CDFW SAA, RWQCB 401 Permit, and an Individual 404 Permit for the east side of the Project and the associated NEPA document (from Trois Valley Street to SR 79)
- All permit fees would be the responsibility of RCTD.
- RCTD will identify any new mitigation sites and submit that information to CH2M Hill for inclusion in the permit packages.
- Approval of the final permit packages will be achieved after addressing no more than one round of review comments on each draft permit package from RCTD unless additional review(s) are due to quality of the deliverables.

E. (Task T1.07.06) - Updated Cultural Studies - \$9,286.39

The cost associated with this task is \$9,286.39. Since the Supplemental EIR was approved in 2006, an updated records search was needed to ensure that impacts to cultural resources did not change. Additionally, to comply with mitigation measure CR-1 in the Supplemental EIR, a Late Discovery Archaeological Treatment Plan (LDATP) needed to be prepared.

Also, as part of the Section 404 permitting process, the Army Corps of Engineers must initiate the Section 106 of the National Historic Preservation Act process. Section 106 requires Federal agencies and their authorized designees to consider the effects of their undertakings on archeological and historic properties listed on or eligible for the National Register of Historic Places. This task includes time to initiate the request to the Army Corps for Section 106 compliance.

Since Amendment 4, cultural field studies were conducted. In the Phase I study, additional cultural sites were discovered and a Phase II analysis had to be performed. Additional scope is needed for the following reasons:

- Unanticipated meetings with the tribes to discuss the cultural findings.
- Exhibits had to be prepared with the new cultural findings.
- Mitigation options had to be reviewed for avoidance of the new cultural findings.
- Field visits with the tribes had to occur to discover the significance of the cultural findings.

Submittals:

CH2M HILL does not have any submittals for cultural resources since Applied Earthworks (AE) was hired by RCTD separately; however, the CH2M HILL level of effort has increased since previously unidentified cultural resources have been found within the project footprint. CH2M HILL will update engineering plans to reflect proposed mitigation for cultural resources. CH2M HILL will also attend future tribal coordination meetings.

Under this task, AE prepared a Draft and Final Paleontological Memo and consulted with RCTD and CH2M HILL staff on the results and preparation of the Cultural Resources Survey Reports. They also prepared graphics for the Cultural Resources Survey Report. AE reviewed the 2006 EIR and associated cultural and paleontological studies and prepared a draft Project Area Map under this task. They also submitted a records search request to Eastern Information Center and a Paleontological records search request to the San Bernardino County Museum.

A Late Discovery Archaeological Treatment Plan (LDATP) is no longer the proposed mitigation, and therefore will not be submitted. This conclusion was made upon completion of work by AE under this task. Instead of a LDATP, new, and unforeseen, mitigation measures had to be developed through coordination with CH2M Hill and AE and shown on the engineering plans and identified in the CEQA document. Additionally, CH2M Hill had to coordinate with AE in order to update the Survey Area Map since Phase 1 Studies were now being conducted. Therefore, although the LDATP is no longer a component of this task, the work associated with creating a new Survey Area Map and identifying new mitigation measures would replace the work associated with this task.

Addendum Assumptions:

- This scope assumes AE will prepare any and all cultural reports for submittal to RCTD.
- Army Corps has determined that the Section 106 Area of Potential Effect for the permit
 actions will be the entire project limits. Applied Earthworks will coordinate Section 106
 efforts with RCTD and Army Corps of Engineers.
- CH2M Hill will provide engineering plans for purposes of coordination efforts with tribes and other agencies as needed by AE

The previous amendment assumed no cultural resources would be found that weren't previously identified in the Supplemental EIR dated January 2006.

PHASE 2 (PS&E)

Engineering and Management Tasks - \$99,907.31

F. (Task T2.10.PM) - Project Administration/Project Management - \$16,376.40

The scope of these tasks has been modified and the associated budget needs to be increased by a total of \$16,376.40 for the following reasons:

The original contract and Amendments included project management efforts through December 2013. Additional Project Management and Administration efforts for Phase 2 and Phase 3 (PS&E) need to be provided for the duration of the roadway design through June 2016.

G. (Tasks T2.10.01) - Additional Roadway Design Tasks - \$55,541.80

The scope of this task has been modified and the associated budget needs to be increased by \$55,541.80 for the following reasons:

Additional work in support of new comments received by the City of Murrieta, new requests by the County, and impact mitigations to avoid cultural findings, require the following additional work:

- Add solar lighting into the bridge and wildlife overcrossing and coordination with OCS Lighting & Control, Inc. solar company for additional details to be added to the plans.
- Incorporate changes to the roadway, drainage, grading, erosion control and striping plans from Whitewood Rd to Menifee Rd as requested by the City of Murrieta. These plans were received after the final submittal of plans in September 2013
- Add a 5' wide parkway between curb and sidewalk from Whitewood Rd to Menifee Rd per the request of City of Murrieta. This request was made after the final submittal of plans in September 2013.
- Add a maintenance access road to a culvert at station 254+00 as requested by the City of Murrieta. This request was made after the final submittal of plans in September 2013.
- City requested ultimate improvements be shown along the north side of the intersection of Whitewood Rd. The roadway plans, grading, erosion control and striping was updated to accommodate this. These were changes/requests that were made after the final submittal of plans in September 2013.
- Due to cultural findings on the project, additional temporary ESA fencing needs to be placed on the plans to avoid significant cultural resources.
- Add a retaining wall near station 290+00 to avoid cultural sites for mitigation. This wall is approximately 300' in length with a maximum height of 22'.
- Add ESA fencing to accommodate jurisdictional water features identified by ICF.
- Additional field visits and additional coordination meetings with the tribes to discuss cultural findings. This included preparation for the meetings with exhibits to show cultural sites and mitigation efforts the County was taking.
- Additional retaining wall along Briggs Rd, just north of French Valley Creek Bridge, to avoid impacts to existing Briggs Rd since the DR Horton water crossing is not being built.
- Revise cost estimates for all roadway features, including drainage revisions for filter systems and rock slope protection at the swales.
- Additional quantity take-offs and cost estimates prepared for retaining wall used for cultural mitigation, ESA fencing, and changes requested by the City of Murrieta.

Submittals:

- One final submittal package of Phase 2 will be provided to address additional changes to the plans requested by the County, the City of Murrieta and to accommodate cultural findings.
- One final submittal package of Phase 3 will be provided to address additional changes to the plans requested by the County, the City of Murrieta and to accommodate cultural findings.

Addendum Assumptions:

 No additional submittals will be made unless additional review(s) are due to quality of the deliverables.

H. (Tasks T2.10.02) – Additional Drainage Design Tasks - \$18,314.15

The scope of this task has been modified and the associated budget needs to be increased by \$18,314.15 for the following reasons:

Additional work was needed to support the City of Murrieta's request to follow their standards for the area between Whitewood Rd and Menifee Rd. This required the following additional work:

- Specific filter types of BMPs have to be installed in the catch basins within the City's boundaries. This included a Clearwater Solution at Whitewood Rd and a Kristar system at Menifee Rd. This request was made after the final submittal of plans in September 2013.
- Velocity calculations had to be prepared and sent to the City of Murrieta for review. This request was made after the final submittal of plans in September 2013.
- The City requested the terrace drains at each bench to be lined with concrete instead of native material. Changes to the roadway plans and drainage had to be updated. This request was made after the final submittal of plans in September 2013.
- The City requested the swales be lined with rock slope protection within the City boundaries. This request was made after the final submittal of plans in September 2013.

Submittals:

- One final submittal package of Phase 2 will be provided to address additional changes to the plans requested by the County and the City of Murrieta.
- One final submittal package of Phase 3 will be provided to address additional changes to the plans requested by the County and the City of Murrieta.

Addendum Assumptions:

 No additional submittals will be made unless additional review(s) are due to quality of the deliverables.

I. (Tasks T2.10.05) – Additional Revisions to Specifications Tasks - \$4,950.72

The scope of this task has been modified and the associated budget needs to be increased by \$4,950.72 for the following reasons:

Additional work in support of the recent changes by the City of Murrieta and the County will require the following additional work:

- Specifications will need to include filter systems and types required by the City of Murrieta.
- Specifications will need to include solar lighting by OCS Lighting & Control, Inc. and incorporation of their specs will need to be included in the overall spec package.
- Specifications will need to include updated biological and cultural mitigation measures.

Submittals:

 One final submittal package of Phase 2 will be provided to address additional changes to the plans requested by the County, the City of Murrieta and to accommodate cultural findings.

Addendum Assumptions:

 No additional submittals will be made unless additional review(s) are due to quality of the deliverables.

J. (Tasks T2.10.06) - Additional Structure Design Tasks - \$4,724.24

The scope of this task has been modified and the associated budget needs to be increased by \$4,724.24 for the following reasons:

Additional work in support of the completion of the Final Plans, Specifications and Estimates (PS&E) for Warm Springs Creek Bridge and French Valley Creek Bridge will include the following:

- Add new details from the utility companies for the utility openings in the superstructure of the bridge.
- Address new comments received from the constructability review.

Submittals:

• 100% Final PS&E submittal.

Assumptions:

• The structures length, width and other major features affecting the weight of the bridge will not be changed.

Four Lane Alternate Bid Scope of Work

Introduction

RCTD has requested CH2M HILL to prepare an Alternate Bid package for a four lane design of Clinton Keith Road from Whitewood Road to Trois Valley Street. This additional work request is submitted to cover out of scope work tasks in order to prepare this Alternate Bid package and to be able to continue environmental and design support of the Clinton Keith Road Extension Project (Project) for the Riverside County Transportation Department (RCTD).

This Amendment is required in order to incorporate additions to the scope of work for the current CH2M HILL INC Engineering and Environmental Services Agreement.

The following describes the reasons why the additional compensation is necessary, and the additional scope of work for each task that is involved in this Amendment. The cost associated with each of these Tasks is attached.

PHASE 1 (PA&ED)

Engineering and Management Tasks - \$47,275.53

A. (Task T1.01) - Project Administration/Project Management - \$6,248.42

The scope of these tasks has been modified and the associated budget needs to be increased by a total of \$6,248.42 for the following reasons:

RCTD's decision to revise the project to include a full alternate bid package for a four lane design from Whitewood Rd to Trois Valley Street. Additional Project Management and Administration efforts are needed to cover the duration of the environmental tasks for the alternate bid package through June 2016.

B. (Task T1.07) - Environmental - \$41,027.11

The cost associated with this task is \$41,027.11. Additional work in support of this task is needed for the following reasons:

- The EIR Addendum, where applicable, would be updated to include changes to the project description, and any associated analysis, if an alternate bid package was selected.
- New GIS figures would need to be created for the changes in the alternate bid package.

- Review and update any tables associated with the changes from the alternate bid package.
- Include the updated traffic analysis for the 4-lane alternate bid into the EIR Addendum.
- Include the updated air quality analysis for the 4-lane bid into the EIR Addendum
- Include the updated water quality/hydrology section into EIR Addendum with the 4-lane alternate bid
- Publications to edit and process the updated document

Submittals:

 Draft EIR Addendum and Final EIR Addendum needs to be updated to include changes to the design from the alternate bid package.

Addendum Assumptions:

- The environmental footprint will remain the same as that presented in the January 2006
 Supplemental EIR
- Two reviews are anticipated by County Counsel and one face to face meeting.
- A Supplemental EIR would not be required
- CH2M HILL will use the existing off-site mitigation as proposed in the 2008 HMMP. CH2M HILL will not be responsible for identifying new mitigation sites.
- No public circulation will be necessary for the EIR Addendum
- In addition to the assumptions listed above, approval of the EIR Addendum will be achieved after addressing no more than two rounds of review comments on the Draft EIR Addendum unless additional review(s) are due to quality of the deliverables.

PHASE 2 (PS&E)

Engineering and Management Tasks - \$143,215.51

C. (Task T2.10.PM) - Project Administration/Project Management - \$15,621.04

The scope of these tasks has been modified and the associated budget needs to be increased by a total of \$15,621.04 for the following reasons:

RCTD's decision to revise the project to include a full alternate bid package for a four lane design from Whitewood Rd to Trois Valley Street. Additional Project Management and Administration efforts are needed to cover the duration of the engineering tasks for the alternate bid package through June 2016.

D. (Tasks T2.10) - Engineering - \$127,594.46

The scope of this task has been modified and the associated budget needs to be increased by \$127,594.46 for the following reasons:

Additional work in support of an alternate bid package that will construct four lanes (two in each direction) and a 5' inside and outside shoulder along the outside (ultimate) roadway along Clinton Keith Road from Whitewood Road to Trois Valley Street. This will require the following additional work:

- Revise existing Title Sheet to cover the area from Whitewood Road to Leon Road.
- Revise existing typical sections to show two lanes of traffic in both the eastbound (EB) and westbound (WB) direction. Sidewalk will only be shown along the EB lanes and median will not be placed unless required for drainage. Callouts will be updated accordingly.
- Revise roadway layout plans to show pavement width that includes shoulders
 and pavements for two lanes in each direction along the outside (ultimate) curb
 line. Interim dike or curb may be required along the median for drainage. This
 would be removed during ultimate buildout. Intersection details and curb
 ramps would be updated.
- The ultimate retaining wall, along the north side of Clinton Keith Road, west of Trois Valley Street, will be added to the plans along with the frontage road that provides access to Southern California Edison's overhead electrical lines.
- Coordinate all roadway plans with the City of Murrieta.
- Construction Detail sheets will need to be updated for details on intersection design and elevations and updated curb ramp elevations and slopes to meet ADA standards.
- Drainage plans will need to be updated to include new pipes for drainage along the WB lanes and for the GLD's along the median of the superelevated portions of roadway.
- Drainage profiles will need to be updated for the new pipes and GLD's required along the WB lanes of roadway.
- Drainage details will need to be updated to include changes in details and tables for the four lane design.
- Contour Grading plans will be updated to show the ultimate grading through
 the superelevated portions of the roadway. For drainage purposes, the two lane
 design showed a crown section through the superelevated portions of roadway.
- Erosion Control plans will be updated for the new areas required to have erosion control which includes areas for the hydroseed mix, fiber rolls, and bonded fiber matrix.
- Additional utility coordination and support will be completed. RCTD will remain as the primary utility coordinator. CH2M HILL will support all efforts in the coordination of relocated facilities within the project limits.

- Signing and striping plans will need to be modified to include striping and signs
 for four lanes along the EB and WB lanes. Bike lanes will not be striped or
 signed as part of this four lane design.
- No street lighting plans will be prepared as part of this interim project.
- A traffic signal plan will be prepared at Menifee Road as part of this interim project.
- A traffic signal modification plan will be prepared at Trois Valley Street for this interim project.
- No traffic signal plan will be prepared at Leon Rd as part of this interim project.
- Cost estimates will be updated to account for changes in quantity take-offs for the alternate bid package, an update of unit prices and an update in bid item numbers.
- Specifications will be updated to include new or revised items from the alternate bid package.
- Specifications will need to include non-standard items and any modifications necessary to account for increased quantities and construction methods due to changes in the alternate bid package.

Submittals:

 One final submittal package will be provided to address additional changes to the plans requested by the County and the City of Murrieta.

Addendum Assumptions:

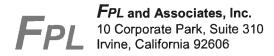
 No additional submittals will be made unless additional review(s) are due to quality of the deliverables.

PHASE 3 (Bid Support)

E. (Task T3) – Bid Support Task - \$11,715.43

The scope of this task has been modified and the associated budget needs to be increased by a total of \$11,715.43 for the following reasons:

RCTD's decision to revise the project to include a full alternate bid package for a four lane design from Whitewood Rd to Trois Valley Street. Additional Bid Support efforts are needed to cover the duration of the bid support tasks for the alternate bid package through June 2016.



Telephone: (949) 252-1688 Facsimile: (949) 252-0088

Consulting Engineers • Traffic • Transportation • Civil • Facilities

November 5, 2014

Job No.: 1089

CH2M Hill

No. of Pages: 2

Attn: Ms. Alicia Cannon 1770 Iowa Avenue, Suite 200 Riverside, CA 92507P

SUBJECT: PROPOSAL TO REVISE TRAFFIC SIGNAL DESIGN AT:

- CLINTON KEITH ROAD & TROIS VALLEY STREET
- CLINTON KEITH ROAD & MENIFEE ROAD

County of Riverside, California

Dear Ms. Cannon:

FPL and Associates, Inc. (FPL) is pleased to submit for your consideration this fee summary for the design revisions to the proposed traffic signal plans at the subject locations in the County of Riverside.

The scope of this proposal is to provide traffic signal design plans for two separate bid packages, at the County's request. One package will be for the original 2-lane design at Trois Valley Street. The second bid package will be a new design showing a 4-lane configuration at Trois valley Street.

The second bid package will also contain design revisions to the traffic signal design at Clinton Keith Road & Menifee Road. He traffic signal design will be revised to reflect a reduced roadway width on Menifee Road.

Our scope is limited to the traffic signal plan revisions only. All submittals will be made to CH2M. We assume that CH2M will submit and process the plan through the County. FPL will revise plans based on review comments received from the County.

We assume revised plan geometric and striping base information will be provided to FPL by CH2M.

Our scope includes revising the specifications and construction cost estimate for the traffic signal, two (2) submittals for agency review, and comment resolution with the agency.

Our scope include attending two (2) meetings with the County.

Construction support is not included in our scope.

Field verification of existing conditions is not included in our scope.

Ms. Alicia Cannon Page 2 November 4, 2014

We propose to provide the above-described scope of services for a <u>lump-sum</u> fee of \$12,800. The itemized fee summary is attached.

We are able to proceed on this project immediately upon receipt of a Notice to Proceed. If you have any questions or need more information, please feel free to give me a call.

Sincerely,

FPL and Associates, Inc.

Alexander D/Zupanski, P.E., T.E. Vice President – Traffic Design alex.zupanski@fplandassociates.com

Attachments: Fee Schedule

F PL and Associates, Inc.

10 Corporate Park, Suite 310 • Irvine, California 92606 • (949) 252-1688 • Fax: (949) 252-0088

FEE SCHEDULE FOR ENGINEERING SERVICES

County of Riverside Client:

Date:

November 05, 2014 1089

CH2M Hill

Job No.:

Traffic Signal Design Revisions - Clinton Keith Road & Trois Valley Street; Clinton Keith Road & Menifee Road

Summary of Proposed Services

Project: Prime:

Revise traffic signal plans at Clinton Keith Road & Trois Valley Street and Clinton Keith Road & Menifee Road.

Provide two separate bid packages.

	Type of Contract:	FIRM	M	FPL	FPL		FPL		FPL					
	Lump Sum	FUNCTION		Project Manager	Project Engineer		Associate Engineer	Sngineer	Assistant Engineer	ingineer		9		
30		CONTRACT RATE		\$180 00	\$160.00	0	\$130.00	00	\$110.00	00				
TASK	TASK DESCRIPTION	Sheet	_				Hrs/		Hrs/		Hrs/	Cost/	TOTAL	TOTAL
		Count	t Sneet	Hours	Sheet	Hours	Sheet	Hours	Sheer	Hours	Sheer	Speed	(Hours)	(c)
ENG	ENGINEERING TASKS													
1.0	IMPROVEMENT PLANS (PS&E)													
1	1.1 Traffic Signal Plan (Clinton Keith & Trois Valley) (Revise)	y) (Revise) 1	7	4.0 4.0	8.0	8 0	12.0	12.0			24.0	\$3,560	24.0	\$3,560
1	1.2 Traffic Signal Plan (Clinton Keith & Menifee) (Revise)	Revise) 1	a	0.9 6.0	12.0	12.0	16.0	16.0			34.0	\$5,080	34.0	\$5,080
	1.3 Specifications (Revise)			2.0 2.0	4.0	4.0							0.9	\$1,000
7	1.4 Engineer's Construction Cost Estimate (Revise)			2.0 2.0	4.0	4.0	4.0	4.0					10.0	\$1,520
2.0	MEETINGS													
2	2.1 Meetings (2)		50	8.0 8.0									8.0	\$1,440
	TOTAL	Hours	S	22.0		28.0		32.0					82.0	
		Cost	st	83,960		84,480		\$4,160						\$12,600
ESTI	ESTIMATED REIMBURSEABLES													
	Mileage (2 round-trips to City/Project Site)				280 N	280 Miles @	\$0.560 per Mile	er Mile						\$157
	Reproduction, Delivery Service, Postage, FAX Charges, Etc.	Jharges, Etc.												\$43

Notes / Assumptions:

\$200

Total Reimbursables:

TOTAL PROPOSED FEE: \$12,800



COST PROPOSAL

Contract No. 02-02-005A2

Environmental and Design Support of the Clinton Keith Road Extension Project

AMENDMENT NO. 5 Task Summary

17-Nov-14

Amendment No. 5 Task Number	Task Description	Fee
Α	Project Administration/Project Management	\$8,253
В	EIR Addendum	\$22,214
С	Agency Coordination for Joint Project Review and MSHCP Consistency	\$9,529
D	Permit Applications	\$8,949
E	Updated Cultural Studies	\$9,286
	Total Phase 1	\$58,233
F	Project Administration/Project Management	\$16,376
G	Additional Roadway Design Tasks	\$55,542
Н	Additional Drainage Design Tasks	\$18,314
Ĺ		\$4,951
J	Additional Structure Design Tasks	\$4,724
	Total Phase 2	\$99,907
	Total Phase 1 & 2	\$158,140
	Contingency @ 10%	\$15,814
	Total Amendment No. 5	\$173,954

Total Office/ Clerical/ Admin 64 32 Contracts 19 Technical Editor 24 16 Graphics / GIS 196 136 CADD 20 REVISION Assoc 88 ₈ 29 Environmental Planner 266 8 2 3 8 48 28 Junior Engineer 280 Engineer 80 Senior Roadway Engineer 26 32 Structural Engineer 11/17/2014 MILESTONES/PHASE Phase 1-4 10 Senior Structural Engineer 10 10 Geotech Engineer Senior Geotech Task Senior
Leader/Tech Consultant 84 24 60 SCOPE OF WORK 30 Phase 1-4 28 4 4 4 176
 PHASE 1
 PHASE 1
 Total Mathematics

 A
 T1.01
 Project AdministrationProject Management

 B
 T1.07.01
 EIR Addendum

 C
 T1.07.03
 Agency Coordination for Joint Project Review and MSHCP Consistency

 C
 T1.07.04
 Permit Applications

 E
 T1.07.06
 Updated Cultural Studies
 Total Manhours T2.10.05 Additional Revisions to Specifications Tasks
T2.10.06 Additional Structure Design Tasks PHASE 2
TZ.10 PM Project Administration/Project Management
TZ.10.01 Additional Roadway Design Tasks
TZ.10.02 Additional Drainage Design Tasks Task MANHOURS WORKSHEET COMPANY Contract Task CH2M HILL Task Number PHASE 4 PROJECT Clinton Keith Road Extension PHASE 3 PHASE 2 PHASE 3 PHASE 4 CHZM HILL

MPANY:		SCOPE OF WORK				DATE:	REV:
CH2M HILL	-	Phase 1 - 4				11/17/2014	
DJECT:						MILESTONE/PHA	
Clinton Keit	h Road					Phase 1-4 Sum	mary
DIRECT LA	BOR						
	CLASSIFICATION		HOURS		RATE	AMOUNT	
	Project Manager		176	@	\$66,31	\$11,670,56	
	Environmental Task Leade	er/Tech Specialist	- 2		\$74.29		
	Senior Consultant		84	@	\$74 29	\$6,240,36	
	Senior Geotech		8		\$62,97		
	Geotech Engineer		- 2		\$41.40		
	Senior Structural Engineer	r	10	@	\$71,85	\$718,50	
	Structural Engineer		10	@	\$43_27	\$432.70	
	Senior Roadway Engineer	r	56	@	\$53,24	\$2,981.44	
	Engineer		280	@	\$50,22	\$14,061 60	
	Junior Engineer		5:		\$32.74		
	Environmental Planner		266	@	\$51,32	\$13,651.12	
	Assoc Planner		28	@	\$32 99	\$923,72	
	CADD		196	@	\$42.71	\$8,371_16	
	Graphics / GIS				\$35.24		
	Technical Editor		24	@	\$37.50	\$900.00	
	Contracts		16	@	\$54.06	\$864.96	
	Office/ Clerical/ Admin		64	@	\$29,66	\$1,898.24	
		TOTAL HOURS	1,210		TOTAL	DIRECT LABOR	\$62,714.36
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MPANY:		SCOPE OF WORK Phase 1 - (PA/ED) Eng	nineering & Ma	nagement 3	Tacke	DATE: 11/17/2014	REV:
CH2M HILL OJECT:		Friase 1 - (PAVED) End	gineening a Mai	nagement	1 4383	MILESTONE/PHA	QE-
	- Dood						
Clinton Keith	n Road					Phase 1 Summ	ary
DIRECT LA	BOR						
	CLASSIFICATION		HOURS		RATE	AMOUNT	
	Project Manager		52	@	\$66_31	\$3,448.12	
	Environmental Task L	eader/Tech Specialist			\$74,29		
	Senior Consultant		*		\$74_29		
	Senior Geotech				\$62 97		
	Geotech Engineer				\$41_40		
	Senior Structural Engi	neer			\$71.85		
	Structural Engineer				\$43.27		
	Senior Roadway Engi	neer	2		\$53,24		
	Engineer	,			\$50.22		
	Junior Engineer		000	-	\$32 74	640.054.40	-
	Environmental Planne	ıı	266	@	\$51.32	\$13,651,12	-
	Assoc Planner CADD		28	@	\$32.99 \$42.71	\$923.72	-
					\$35.24		
	Graphics / GIS		24	(A)	\$35.24	\$900.00	-
	Technical Editor Contracts		8	@	\$54.06	\$432.48	-
	Office/ Clerical/ Admir		32		\$29.66	\$949.12	-
	Onicer Giericair Admir		32	0	\$25.00	J747,12	
		TOTAL HOURS	410		TOTAL	DIRECT LABOR	\$20,304.56
SCALATIO			Rate) of Total Direct	Labor + Es		\$0,00 \$23,179,69	
OVERHEAD	ON @	114.16% (Labor + Es			\$23,179.69
OVERHEAD	ON @	114.16% (Labor + Es	TOTAL	\$23,179,69	\$23,179.69
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OVERHEAD OTHER DIR ITEM Communication (Computer roduction (Country outside Rep Costage & F Lupplies Itilieage ravel Experi	DN @ DE Billed at Actual Co tion fety Assessment Copier ror Services reight	114 16% (st ••• QUANTITY	UNIT hr hr ea LS ea miles LS	@	\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$1,00 \$0,375 \$1.00 \$500,00	\$23,179,69 _ MULTIPLIERS AMOUNT \$200.00	
OVERHEAD OTHER DIR ITEM Communicat leath & Sat Computer roduction Council utuside Rep oostage & F upplies tileage ravel Exper EXPERITATION EXPERITATION CCC	DN @ DO @ DE Billed at Actual Co tion fety Assessment Copier oro Services irreight	114 16% (st ••• QUANTITY	UNIT hr hr ea LS ea miles LS	@	\$1,10 \$1,55 \$4.35 \$0.04 \$11.00 \$10.00 \$10.00 \$0,375 \$1.00 \$500.00	\$23,179,69 _MULTIPLIERS AMOUNT \$200,00 CCT EXPENSES	
OVERHEAD OTHER DIR ITEM Communicat leath & Sat Computer roduction Council utuside Rep oostage & F upplies tileage ravel Exper EXPERITATION EXPERITATION CCC	DN @ DO @ DE Billed at Actual Co tion fety Assessment Copier oro Services reight mses ERVICES (w/o fee)	114 16% (st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS day	@	\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$1,00 \$0,375 \$1.00 \$500,00	\$23,179,69 _ MULTIPLIERS AMOUNT \$200.00	\$23,179.69
OVERHEAD OTHER DIR ITEM Communicat leath & Sat Computer roduction Council utuside Rep oostage & F upplies tileage ravel Exper EXPERITATION EXPERITATION CCC	DN @ DO @ DE Billed at Actual Co tion fety Assessment Copier oro Services reight mses ERVICES (w/o fee)	114 16% (st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS day	@	**TOTAL** \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$50.375 \$1.00 \$500.00 **AL OTHER DIRE	\$23,179,69 _MULTIPLIERS AMOUNT \$200,00 CCT EXPENSES	
DYERHEAD DITHER DIR ITEM Communication Computer Production Constage & Fupplies Itilitiesge Itilitiesge	DN @ DO @ DE Billed at Actual Co tion fety Assessment Copier oro Services reight mses ERVICES (w/o fee)	114 16% (st ••• QUANTITY	UNIT hr hr ea LS ea miles LS day	@ TOTA	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$500.00 \$EXPENSES	\$23,179,69 MULTIPLIERS AMOUNT \$200.00 CCT EXPENSES TOTAL \$10,000.00	\$200.00
OVERHEAD OTHER DIR ITEM Communicat lealth & Saf Computer Production Couside Rep Postage & F Pupplies Hileage Pravel Experies PS Rental OUTSIDE SI CCC Criffigen	DN @ DO @ DE Billed at Actual Co tion fety Assessment Copier oro Services reight mses ERVICES (w/o fee)	st ••• QUANTITY	UNIT hr hr ea LS ea miles LS day	@ TOTA	**TOTAL** \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$50.375 \$1.00 \$500.00 **AL OTHER DIRE	\$23,179,69 MULTIPLIERS AMOUNT \$200.00 CCT EXPENSES TOTAL \$10,000.00	\$200.00
OVERHEAD OTHER DIR ITEM Communicat Computer Troduction (Outside Rep ostage & F upplies Itilizage ravel Exper EPS Rental OUTSIDE SI CO ritigen	DN @ DE Billed at Actual Co DE Billed at Actual Co DE BILLE BILLED ASSESSMENT DE BILLED ASSES	st ···· QUANTITY	UNIT hr hr ea LS ea miles LS day	① TOTA LIER	### TOTAL OUTS UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00 \$500.00 **EXPENSES** TOTAL OUTS side Services)	\$23,179,69 MULTIPLIERS AMOUNT \$200.00 CCT EXPENSES TOTAL \$10,000.00	\$200.00
OVERHEAD OTHER DIR ITEM Communication (Outside Reprostage & F upplies tilieage ravel Experies Rental OUTSIDE SI CCC critigen	DN @ DE Billed at Actual Co DE Billed at Actual Co DE BILLE BILLED ASSESSMENT DE BILLED ASSES	st ···· QUANTITY	UNIT hr hr ea LS ea miles LS day	① TOTA LIER	### TOTAL OUTS UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00 \$500.00 **EXPENSES** TOTAL OUTS side Services)	\$23,179,69 MULTIPLIERS AMOUNT \$200.00 CCT EXPENSES TOTAL \$10,000.00 SIDE SERVICES \$200.00	\$200.00

MPANY:		SCOPE OF WORK	:: O bla-	7	Taalia	DATE: 11/17/2014	REV:
CH2M HILL		Phase 2 - (PS&E) Eng	ineering & Mar	nagement	asks	MILESTONE/PHA	ee.
OJECT: Clinton Keitl	h Road					Phase 2 Summ	
CHITCH ROLL	Trodo						
DIRECT LA			HOURE		DATE	AMOUNT	ń
	CLASSIFICATION		HOURS 124		RATE \$66.31	\$8,222 44	,
	Project Manager	eader/Tech Specialist	124	0	\$74.29	90,222 44	
	Senior Consultant	eadel/ recir opecialis	84	@	\$74.29	\$6,240,36	
	Senior Geotech				\$62.97	40,210,00	
	Geotech Engineer				\$41.40		
	Senior Structural Eng	ineer	10	@	\$71.85	\$718.50	
	Structural Engineer		10	@	\$43.27	\$432.70	1
	Senior Roadway Engi	neer	56	@	\$53,24	\$2,981,44]
	Engineer	(2)	280	@	\$50.22	\$14,061,60	
	Junior Engineer				\$32.74		
	Environmental Planne	er	-		\$51,32		1
	Assoc Planner		- 1		\$32.99		
	CADD		196	@	\$42,71	\$8,371,16	
	Graphics / GIS		+		\$35.24		
	Technical Editor		- 8		\$37,50		-
	Contracts		8	@	\$54.06	\$432.48	
	Office/ Clerical/ Admir	1	32	@	\$29.66	\$949 12	-
		TOTAL HOUSE	000		TOTAL	DIDECT LABOR	\$42,409.8
		TOTAL HOURS	800		TOTAL	DIRECT LABOR	342,409.0
OVERHEAD	0@	114.16% (of Total Direct	Labor + Es	calation)	\$48,415,03	1
OVERHEAD	0@	114_16% (of Total Direct	Labor + Es			
			of Total Direct	Labor + Es		\$48,415,03 _ MULTIPLIERS	
OTHER DIR	O @	ost ···		Labor + Es	TOTAI	_ MULTIPLIERS	
OTHER DIR	RE · · · Billed at Actual Co	ost QUANTITY	UNIT	Labor + Es	TOTAL		
OTHER DIR	RE ··· Billed at Actual Co	ost ···		Labor + Es	TOTAI	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa	RE · · · Billed at Actual Co	ost QUANTITY	UNIT	Labor + Es	TOTAL UNIT COST \$1 10	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer	RE ··· Billed at Actual Co tion fety Assessment	ost QUANTITY	UNIT hr hr	Labor + Es	TOTAL UNIT COST \$1.10 \$1.55	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (RE ··· Billed at Actual Co tion fety Assessment	ost QUANTITY	UNIT hr hr hr	Labor + Es	TOTAL UNIT COST \$1.10 \$1.55 \$4.35	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep	tion fety Assessment Copier oro Services	ost QUANTITY	UNIT hr hr hr	Labor + Es	TOTAL UNIT COST \$1.10 \$1.55 \$4.35 \$0.04	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F	tion fety Assessment Copier oro Services	OST *** QUANTITY	UNIT hr hr hr hr ea	Labor + Es	TOTAL \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$10.00	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage	tion fety Assessment Copier oro Services Freight	ost ••• QUANTITY	hr hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$0.375	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe	RE Billed at Actual Contition fety Assessment Copier oro Services Freight	OST *** QUANTITY	hr hr hr ea LS ea ea miles LS	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$0.375 \$1.00	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe	RE Billed at Actual Contition fety Assessment Copier oro Services Freight	OST *** QUANTITY	hr hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$0.375	_ MULTIPLIERS	
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe	RE Billed at Actual Contition fety Assessment Copier oro Services Freight	OST *** QUANTITY	hr hr hr ea LS ea ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$1.00 \$0.375 \$1.00 \$500.00	AMOUNT	\$48,415.0
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe	RE Billed at Actual Contition fety Assessment Copier oro Services Freight	OST *** QUANTITY	hr hr hr ea LS ea ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$1.00 \$0.375 \$1.00 \$500.00	_ MULTIPLIERS	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental	tion fety Assessment Copier oro Services Freight consess	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	AMOUNT CT EXPENSES	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental	tion fety Assessment Copier oro Services Freight	OST *** QUANTITY	hr hr hr ea LS ea ea miles LS	TOTA	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$1.00 \$1.00 \$1.00 \$0.375 \$1.00 \$500.00	AMOUNT	\$48,415.0
OTHER DIR ITEM Communic Communic Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental	tion fety Assessment Copier oro Services Freight onses EERVICES (w/o fee)	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	AMOUNT CT EXPENSES	\$48,415.0
OTHER DIR ITEM Communica Health & Sa Computer Production of Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S Ch HydroArch Contach Co	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) COMPANY	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	AMOUNT CT EXPENSES	\$48,415.0
Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) OMPANY	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	AMOUNT CT EXPENSES	\$48,415.0
OTHER DIR ITEM Communica Health & Sa Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S Co HydroArch Contech Co	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) OMPANY	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	AMOUNT CT EXPENSES	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S CI HydroArch Contech Co Drilling Sub	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) OMPANY	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	TOTAL UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$50.375 \$1.00 \$500.00 L OTHER DIRE	AMOUNT CT EXPENSES	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S CI HydroArch Contech Co Drilling Sub Lab Testing	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) OMPANY	OST *** QUANTITY	hr hr ea LS ea ea miles LS day	TOTA	TOTAL UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$50.375 \$1.00 \$500.00 L OTHER DIRE	AMOUNT CCT EXPENSES TOTAL	\$48,415,0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S CO HydroArch Contect Co Drilling Sub Lab Testing	tion fety Assessment Copier oro Services Freight CERVICES (w/o fee) OMPANY	QUANTITY LABOR	UNIT hr hr hr ea LS ea ea miles LS day	TOTA	TOTAL UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$50.375 \$1.00 \$500.00 L OTHER DIRE	AMOUNT CCT EXPENSES TOTAL	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S CO HydroArch Contect Co Drilling Sub Lab Testing	tion fety Assessment Copier pro Services Freight CERVICES (w/o fee) COMPANY Instruction Sub	QUANTITY LABOR LABOR	UNIT hr hr hr ea LS ea ea miles LS day	TOTA	### TOTAL OUTS	AMOUNT COT EXPENSES TOTAL SIDE SERVICES	\$48,415.0
OTHER DIR ITEM Communica Computer Production (Outside Rep Postage & F Supplies Mileage Travel Expe GPS Rental OUTSIDE S Coll HydroArch Contact Co Drilling Sub Lab Testing	tion fety Assessment Copier pro Services Freight CERVICES (w/o fee) COMPANY Instruction Sub	QUANTITY LABOR LABOR	UNIT hr hr hr ea LS ea ea miles LS day	TOTA	### TOTAL OUTS	AMOUNT CCT EXPENSES TOTAL SIDE SERVICES	\$48,415.0

MPANY:		SCOPE OF WO	RK			DATE:	REV:
CH2M HILL		Phase 1 - (PA	/ED) Engineer	ing & Manage	ement Tasks	11/17/2014	
OJECT:			0			MILESTONE/PHA	ASE: Phase 1
						A. Project Admi	nistration/Project
Clinton Keith	n Road					Management	
DIRECT LA							7
	CLASSIFICATI		HOURS		RATE	AMOUNT	
	Project Mana		32	@	\$66,31	\$2,121,92	-
		al Task Leader/			\$74,29		-
	Senior Consu				\$74.29		-
	Senior Geote				\$62,97		
	Geotech Eng				\$41.40		-
		ural Engineer			\$71.85		-
	Structural En				\$43.27		-
		way Engineer			\$53.24		-
	Engineer				\$50.22		-
	Junior Engine				\$32.74		-
	Environment				\$51.32		-
	Assoc Planne	er			\$32.99		-
	CADD				\$42,71		-
	Graphics / G	IS			\$35.24		-
	Contracts		8	@	\$54.06	\$432.48	
		al/ Admin OTAL HOURS	72	@	\$29,66 TOTAL	\$949,12 DIRECT LABOR	\$3,503.52
	T			@			\$3,503.52
ESCALATIO	T RS DN @	OTAL HOURS	72 (Rate)		TOTAL	DIRECT LABOR	
ESCALATIO	T RS DN @	OTAL HOURS	72		TOTAL	DIRECT LABOR	
MULTIPLIEF ESCALATIO OVERHEAD	T RS DN @	OTAL HOURS	72 (Rate)		TOTAL	DIRECT LABOR	
ESCALATIO	T RS DN @	OTAL HOURS	72 (Rate)		TOTAL	\$0.00 \$3,999.62	
ESCALATIO OVERHEAD	T RS DN @	0.00% 114.16%	72 (Rate)		TOTAL scalation)	\$0.00 \$3,999.62	
ESCALATIO OVERHEAD	TORS ON @	0.00% 114.16%	72 (Rate)		TOTAL	\$0.00 \$3,999.62	
ESCALATIO OVERHEAD OTHER DIR	TORS ON @	0.00% 114.16% Actual Cost •••	72 (Rate) (of Total Direct	ct Labor + Es	TOTAL scalation) TOTAL	\$0.00 \$3,999.62 MULTIPLIERS	\$3,999,62
ESCALATIO OVERHEAD OTHER DIR	TORS ON @	0.00% 114.16% Actual Cost •••	72 (Rate) (of Total Direct	ct Labor + Es	TOTAL scalation) TOTAL	\$0.00 \$3,999.62 MULTIPLIERS	\$3,999,62
OVERHEAD OTHER DIR	TORS ON @ O @ E Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	72 (Rate) (of Total Direct	ct Labor + Es	TOTAL scalation) TOTAL	\$0.00 \$3,999.62 MULTIPLIERS	\$3,999,62
OVERHEAD OTHER DIR ITEM OUTSIDE SI	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	ct Labor + Es	TOTAL scalation) TOTAL UNIT COST AL OTHER DIRE	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,999,62
OVERHEAD OTHER DIR ITEM OUTSIDE SI	TORS ON @ O @ E Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	ct Labor + Es	TOTAL scalation) TOTAL	\$0.00 \$3,999.62 MULTIPLIERS	\$3,999,62
OVERHEAD OTHER DIR ITEM OUTSIDE SI	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	ct Labor + Es	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,999.62
OVERHEAD OTHER DIR ITEM OUTSIDE SI	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	ct Labor + Es	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,999.62
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	ct Labor + Es	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,999.62
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO FEES	TORS ON @ OR Billed at A ERVICES (w/o	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct UNIT	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL BIDE SERVICES	\$3,999.62
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO FEES	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct UNIT	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,999.62
OTHER DIR ITEM OUTSIDE SI CO FEES OUTSIDE SI	TORS ON @ O @ EE Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY ofee) LABOR	(Rate) (of Total Direct UNIT MULTI 2.00%	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS tside Services)	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES \$0.00	\$3,999.62
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO FEES	TORS ON @ O @ EE Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY ofee) LABOR	(Rate) (of Total Direct UNIT MULTI 2.00%	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL BIDE SERVICES	\$3,999.62
OTHER DIR ITEM OUTSIDE SI CO FEES OUTSIDE SI	TORS ON @ O @ EE Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY ofee) LABOR	(Rate) (of Total Direct UNIT MULTI 2.00%	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS tside Services)	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL BIDE SERVICES \$0.00	\$3,999.62
OTHER DIR ITEM OUTSIDE SI CO FEES OUTSIDE SI	TORS ON @ O @ EE Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY ofee) LABOR	(Rate) (of Total Direct UNIT MULTI 2.00%	TOTA	TOTAL Calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS tside Services)	\$0.00 \$3,999.62 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES \$0.00	\$3,999.62

MPANY:	SCOPE OF WO	RK			DATE:	REV:
CH2M HILL	Phase 1 - (PA	/ED) Engineering	& Manage	ment Tasks	11/17/2014	
OJECT:					MILESTONE/PHA	SE: Phase 1
Clinton Keith Ro	pad				B. EIR Addendu	ım
DIRECT LABOR	SSIFICATION	HOURS		RATE	AMOUNT	
	roject Manager	8	@	\$66.31	\$530.48	
	nvironmental Task Leader/			\$74.29		
	enior Consultant			\$74.29		
	enior Geotech			\$62.97		
	eotech Engineer			\$41.40		
	enior Structural Engineer			\$71.85		
	tructural Engineer			\$43.27		
	enior Roadway Engineer			\$53.24		
	ngineer			\$50.22		
	unior Engineer			\$32.74		
	nvironmental Planner	90	@	\$51.32	\$4,618.80	
	ssoc Planner		45	\$32.99		
	ADD			\$42.71		
	raphics / GIS			\$35.24		
	ontracts			\$54.06		
	ffice/ Clerical/ Admin			\$29.66		
1	TOTAL HOURS	114		TOTAL D	DIRECT LABOR	\$5,749.28
		(Rate) (of Total Direct	Labor + Es	calation)	\$0.00 \$6,563.38	
			Labor + Es			\$6,563,38
OVERHEAD @	114 16% H2M HILL	(of Total Direct	Labor + Es	TOTAL	\$6,563,38	\$6,563,34
OVERHEAD @ OTHER DIRE C ITEM	114 16% H2M HILL QUANTITY	(of Total Direct	Labor + Es	TOTAL	\$6,563,38	\$6,563.34
OVERHEAD @ OTHER DIRE C ITEM Communication	114 16% H2M HILL QUANTITY	(of Total Direct	Labor + Es	TOTAL UNIT COST \$1,10	\$6,563,38	\$6,563,34
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety	114 16% H2M HILL QUANTITY	(of Total Direct UNIT hr hr	Labor + Es	TOTAL UNIT COST \$1,10 \$1,55	\$6,563,38	\$6,563,34
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer	114 16% H2M HILL QUANTITY Assessment	(of Total Direct UNIT hr hr hr	Labor + Es	TOTAL UNIT COST \$1,10 \$1,55 \$4,35	\$6,563,38	\$6,563.38
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi	114 16% H2M HILL QUANTITY Assessment	(of Total Direct UNIT hr hr	Labor + Es	TOTAL UNIT COST \$1,10 \$1,55	\$6,563,38	\$6,563,38
OVERHEAD @ OTHER DIRE CO ITEM Communication Health & Safety Computer Production Copi Outside Repro 5	114 16% H2M HILL QUANTITY Assessment ier Services	(of Total Direct UNIT hr hr hr ea	Labor + Es	**TOTAL ***UNIT COST ***\$1.10 ***1.55 ***4.35 ***\$0.04	\$6,563,38	\$6,563.34
OVERHEAD @ OTHER DIRE CI ITEM Communication Health & Safety Computer Production Copi Outside Repro \$ Postage & Freig	114 16% H2M HILL QUANTITY Assessment ier Services	(of Total Direct UNIT hr hr hr ea LS	Labor + Es	TOTAL UNIT COST \$1,10 \$1,55 \$4,35 \$0,04 \$1,00	\$6,563,38	\$6,563,34
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro \$ Postage & Freig Supplies	114 16% H2M HILL QUANTITY Assessment ier Services	(of Total Direct UNIT hr hr hr ea LS ea	Labor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00	\$6,563,38	\$6,563,38
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies Mileage	114 16% H2M HILL QUANTITY Assessment ler Services pht	(of Total Direct UNIT hr hr hr ea LS ea ea	Labor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$10,00	\$6,563,38	\$6,563,38
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies Mileage Travel Expense	114 16% H2M HILL QUANTITY Assessment ler Services pht	UNIT hr hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375	\$6,563,38	\$6,563,34
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies Mileage Travel Expense	114 16% H2M HILL QUANTITY Assessment ler Services pht	(of Total Direct UNIT hr hr hr ea LS ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375	\$6,563,38 MULTIPLIERS AMOUNT	
OVERHEAD @ OTHER DIRE C. ITEM Communication Health & Safety Computer Production Copic Outside Repro S Postage & Freig Supplies Mileage Travel Expense: GPS Rental	Assessment der Services sht	(of Total Direct UNIT hr hr hr ea LS ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$6,563,38 MULTIPLIERS AMOUNT]
OVERHEAD @ OTHER DIRE C. ITEM Communication Health & Safety Computer Production Copic Outside Repro S Postage & Freig Supplies Mileage Travel Expense: GPS Rental	Assessment ler Services sht VICES (w/o fee)	(of Total Direct UNIT hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST \$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$10,00 \$0,375 \$1,00 AL OTHER DIRE	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES]
OVERHEAD @ OTHER DIRE C. ITEM Communication Health & Safety Computer Production Copic Outside Repro S Postage & Freig Supplies Wileage Travel Expense: GPS Rental DUTSIDE SERV	Assessment ler Services sht VICES (w/o fee)	(of Total Direct UNIT hr hr hr ea LS ea miles LS	TOTA	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	
OVERHEAD @ OTHER DIRE C. ITEM Communication Health & Safety Computer Production Copic Outside Repro S Postage & Freig Supplies Wileage Travel Expense: GPS Rental DUTSIDE SERV	Assessment ler Services sht VICES (w/o fee)	(of Total Direct UNIT hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST \$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$10,00 \$0,375 \$1,00 AL OTHER DIRE	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES	
OVERHEAD @ OTHER DIRE C. ITEM Communication Health & Safety Computer Production Copic Outside Repro S Postage & Freig Supplies Mileage Travel Expense: GPS Rental OUTSIDE SERV	Assessment ler Services sht VICES (w/o fee)	(of Total Direct UNIT hr hr ea LS ea ea miles LS day	TOTA	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$0.04 ### \$1.00 ### \$1.	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$0.00
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro \$ Postage & Freig Supplies Mileage Travel Expense: GPS Rental OUTSIDE SERV COMP	Assessment ler Services sht VICES (w/o fee) PANY LABOR	UNIT hr hr ea LS ea miles LS day	TOT	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ### \$1.	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$8,500.00 IDE SERVICES	\$0.00
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro \$ Postage & Freig Supplies Mileage Travel Expense: GPS Rental OUTSIDE SERV COMP	Assessment ler Services sht VICES (w/o fee)	UNIT hr hr ea LS ea miles LS day	TOT	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$0.04 ### \$1.00 ### \$1.	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$8,500.00	\$0.00
OVERHEAD @ OTHER DIRE C ITEM Communication Health & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies Mileage Travel Expense: GPS Rental OUTSIDE SERV COMP Critigen	Assessment ler Services shit VICES (w/o fee) VICES ADMIN FEE @	UNIT hr hr ea LS ea miles LS day	TOT,	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$0.04 ### \$1.00 ### \$1.	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$8,500.00 IDE SERVICES	\$0.00
Communication Health & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies Mileage Travel Expense: GPS Rental OUTSIDE SERV COMF Critigen	Assessment ler Services shit VICES (w/o fee) VICES ADMIN FEE @	UNIT hr hr hr ea LS ea miles LS day	TOT,	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$0.04 ### \$1.00 ### \$1.	\$6,563,38 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$8,500.00 IDE SERVICES	\$6,563.38 \$0,00 \$8,500.00

MPANY:	SCOPE OF WO				DATE:	REV:
	Phase 1 - (PA	/ED) Enginee	ring & Mana	gement Tasks	11/17/2014	
OJECT:					Project Review	rdination for Joint
Clinton Keith Road					Consistency	
DIRECT LABOR						1
CLASSIFICATIO		HOURS		RATE	AMOUNT	-
Project Manag	-	4	@	\$66,31	\$265.24	-
Environmenta				\$74 29		-
Senior Consu				\$74,29		1
Senior Geote	ch			\$62.97		
Geotech Engi	neer			\$41.40		
Senior Structu	ıral Engineer			\$71.85		
Structural Eng	gineer			\$43.27		
Senior Roadw	ay Engineer			\$53.24		
Engineer				\$50 22		1
Junior Engine				\$32.74		
Environmenta	l Planner	72	@	\$51.32	\$3,695.04	1
Assoc Planne	r			\$32,99		1
CADD				\$42.71		
Graphics / GIS	S			\$35.24		
Contracts				\$54.06]
Office/ Clerica	al/ Admin			\$29.66		1
						1
TO	TAL HOURS	76		TOTAL I	DIRECT LABOR	\$3,960.2
MULTIPLIERS						
		(Rate) (of Total Direc	ct Labor + E		\$0_00 \$4,521,06	
			ct Labor + E			\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL	114.16%	of Total Direc	ct Labor + E	TOTAI	\$4,521,06	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM		(of Total Direc	xt Labor + Es	TOTAL	\$4,521,06	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication	114.16%	(of Total Direction of Total Dir	xt Labor + Es	TOTAL UNIT COST \$1.10	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication lealth & Safety Assessmer	114.16%	(of Total Direct UNIT hr hr	ot Labor + E	TOTAI UNIT COST \$1.10 \$1.55	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication lealth & Safety Assessmer Computer	114.16%	(of Total Direct UNIT hr hr hr	ot Labor + E	TOTAI UNIT COST \$1.10 \$1.55 \$4.35	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication lealth & Safety Assessmer Computer Production Copier	114.16%	(of Total Direct UNIT hr hr hr ea	at Labor + E	TOTAI UNIT COST \$1.10 \$1.55 \$4.35 \$0.04	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication lealth & Safety Assessmer Computer Production Copier Outside Repro Services	114.16%	UNIT hr hr hr ca	at Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication dealth & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight	114.16%	UNIT hr hr hr ea LS ea	ot Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00	\$4,521,06	\$4,521.0
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees	114.16%	UNIT hr hr ea LS ea ea	ot Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00	\$4,521,06	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage	114-16% QUANTITY	UNIT hr hr hr ea LS ea miles		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375	\$4,521,06 MULTIPLIERS AMOUNT	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses	114.16%	UNIT hr hr ea LS ea miles LS	ct Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00	\$4,521,06	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses	114-16% QUANTITY	UNIT hr hr hr ea LS ea miles		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375	\$4,521,06 MULTIPLIERS AMOUNT	\$4,521.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses	114-16% QUANTITY	UNIT hr hr ea LS ea miles LS	48	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375	\$4,521,06 MULTIPLIERS AMOUNT \$200,00	
DVERHEAD @ DTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Postage & Freight Permit fees Mileage Travel Expenses BPS Rental	200	UNIT hr hr ea LS ea miles LS	48	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00	\$4,521,06 MULTIPLIERS AMOUNT \$200,00	
DVERHEAD @ DTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Postage & Freight Permit fees Mileage Travel Expenses BPS Rental	200	UNIT hr hr ea LS ea miles LS	тот	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00	\$4,521,06 MULTIPLIERS AMOUNT \$200,00	
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication dealth & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses SPS Rental OUTSIDE SERVICES (w/o COMPANY	200 fee)	UNIT hr hr ea LS ea ea miles LS day	тот	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$10,00 \$1.000	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES	
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication dealth & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses SPS Rental OUTSIDE SERVICES (w/o COMPANY	200 fee)	UNIT hr hr ea LS ea ea miles LS day	тот	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$0.04 ### \$1.00 ### \$1.	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES TOTAL	\$200.00
OVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication dealth & Safety Assessmer Computer Production Copier Outside Repro Services Postage & Freight Permit fees Mileage Travel Expenses SPS Rental OUTSIDE SERVICES (w/o COMPANY	200 fee)	UNIT hr hr ea LS ea ea miles LS day	тот	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$0.04 ### \$1.00 ### \$1.	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES	\$200.01
DVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Postage & Freight Permit fees Mileage Travel Expenses SPS Rental DUTSIDE SERVICES (W/o COMPANY Critigen	QUANTITY 200 fee) LABOR	UNIT hr hr ea LS ea miles LS day	TOT	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 AL OTHER DIRE	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES TOTAL IDE SERVICES	\$200.00
DVERHEAD @ OTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Postage & Freight Permit fees Mileage Travel Expenses SPS Rental DUTSIDE SERVICES (W/o COMPANY Critigen	QUANTITY 200 fee) LABOR	UNIT hr hr ea LS ea miles LS day	TOT	### TOTAL ### UNIT COST ### \$1.10 ### \$1.55 ### \$0.04 ### \$1.00 ### \$1.	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES TOTAL	\$200.00
DVERHEAD @ DTHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Postage & Freight Permit fees Mileage Travel Expenses BPS Rental DUTSIDE SERVICES (w/o COMPANY Critigen	200 fee) LABOR N FEE @	UNIT hr hr hr ea LS ea miles LS day	TOT PLIER (of Total Ou	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 AL OTHER DIRE	\$4,521,06 MULTIPLIERS AMOUNT \$200,00 CT EXPENSES TOTAL IDE SERVICES	\$200.00
DITHER DIRE CH2M HILL ITEM Communication Health & Safety Assessmer Computer Production Copier Dutside Repro Services Permit fees Mileage Travel Expenses SPS Rental DUTSIDE SERVICES (w/o	200 fee) LABOR N FEE @	UNIT hr hr hr ea LS ea miles LS day	TOT PLIER (of Total Ou	### TOTAL OUTS UNIT COST \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 AL OTHER DIRE EXPENSES TOTAL OUTS tside Services)	\$4,521,06 MULTIPLIERS AMOUNT \$200.00 CT EXPENSES TOTAL IDE SERVICES \$0.00	\$4,521.00

//PANY:	SCOPE OF WO	RK			DATE:	REV:
H2M HILL	Phase 1 - (PA/	'ED) Engineeri	ing & Manage	ement Tasks	11/17/2014	
JECT:					MILESTONE/PHA	SE: Phase 1
					D. Permit Applic	cations
Clinton Keith Road						
IRECT LABOR						
CLASSIF	FICATION	HOURS		RATE	AMOUNT	
Projec	t Manager	4	@	\$66.31	\$265.24	
	nmental Task Leader			\$74.29		
Senior	r Consultant			\$74,29		
Senior	r Geotech			\$62.97		
Geote	ch Engineer			\$41,40]
Senior	r Structural Engineer			\$71,85		
Structi	ural Engineer			\$43,27		
Senior	r Roadway Engineer			\$53.24		
Engine	eer			\$50.22		
Junior	Engineer			\$32.74		
Enviro	nmental Planner	56	@	\$51.32	\$2,873,92	
Assoc	Planner	20	@	\$32.99	\$659.80	
CADD				\$42,71		
Graph	ics / GIS			\$35.24		
Contra	acts			\$54,06		1
Office	/ Clerical/ Admin			\$29.66		[
Office				ΨΕ0.00		4
IULTIPLIERS	TOTAL HOURS	80 Rate)			DIRECT LABOR	\$3,798.96
SCALATION @	TOTAL HOURS	80 Rate) of Total Direct	t Labor + Esc	TOTAL	\$0.00 \$4,336,89	\$3,798.96
IULTIPLIERS SCALATION @	TOTAL HOURS	Rate)	i Labor + Esc	TOTAL I	\$0.00	\$3,798.96
IULTIPLIERS SCALATION @	0.00% (114.16% (Rate)	t Labor + Esc	TOTAL I	\$0.00 \$4,336,89	
IULTIPLIERS SCALATION @ OVERHEAD @	0.00% (114.16% (Rate)	t Labor + Esc	TOTAL I	\$0.00 \$4,336,89	
IULTIPLIERS SCALATION @ OVERHEAD @ OTHER DIRE CH2M	0.00% (114.16% (Rate) of Total Direct		TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct		TOTAL I	\$0.00 \$4,336.89 L MULTIPLIERS	\$4,336.89
IULTIPLIERS SCALATION @ OVERHEAD @ OTHER DIRE CH2M	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct	ТОТА	TOTAL I	\$0.00 \$4,336.89 L MULTIPLIERS	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M ITEM OUTSIDE SERVICE	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct	ТОТА	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M ITEM OUTSIDE SERVICE COMPANY	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct	ТОТА	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M ITEM OUTSIDE SERVICE COMPANY	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct	ТОТА	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M ITEM OUTSIDE SERVICE COMPANY Critigen	0.00% (114.16% (HILL QUANTITY	Rate) of Total Direct	ТОТА	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$4,336.89
DULTIPLIERS SCALATION @ DVERHEAD @ DTHER DIRE CH2M ITEM DUTSIDE SERVICE COMPANY Critigen EES	0.00% (114.16% (HILL QUANTITY SS (w/o fee)	Rate) of Total Direct UNIT	TOTA	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES	\$4,336.89
OVERHEAD @ OTHER DIRE CH2M ITEM OUTSIDE SERVICE COMPANY Critigen	0.00% (114.16% (HILL QUANTITY SS (w/o fee)	Rate) of Total Direct UNIT	TOTA	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$4,336.89
DULTIPLIERS SCALATION @ DVERHEAD @ DITHER DIRE CH2M ITEM DUTSIDE SERVICE COMPANY Critigen EES DUTSIDE SERVICE	0.00% (114.16% (1HILL QUANTITY SS (w/o fee) (LABOR	Rate) of Total Direct UNIT MULTIF 2.00% (TOTA PLIER of Total Outs	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES \$0.00	\$4,336.89
DULTIPLIERS SCALATION @ DVERHEAD @ DTHER DIRE CH2M ITEM DUTSIDE SERVICE COMPANY Critigen EES	0.00% (114.16% (1HILL QUANTITY SS (w/o fee) (LABOR	Rate) of Total Direct UNIT	TOTA PLIER of Total Outs	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES	\$4,336.89
DULTIPLIERS SCALATION @ DVERHEAD @ DITHER DIRE CH2M ITEM DUTSIDE SERVICE COMPANY Critigen EES DUTSIDE SERVICE	0.00% (114.16% (1HILL QUANTITY SS (w/o fee) (LABOR	Rate) of Total Direct UNIT MULTIF 2.00% (TOTA PLIER of Total Outs	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES \$0.00	\$4,336.89
DULTIPLIERS SCALATION @ DVERHEAD @ DITHER DIRE CH2M ITEM DUTSIDE SERVICE COMPANY Critigen EES DUTSIDE SERVICE	0.00% (114.16% (1HILL QUANTITY SS (w/o fee) (LABOR	Rate) of Total Direct UNIT MULTIF 2.00% (TOTA PLIER of Total Outs	TOTAL I	\$0.00 \$4,336,89 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL SIDE SERVICES \$0.00	\$4,336.89

MPANY: CH2M HILL		SCOPE OF WO	RK /ED) Engineeri	ing & Mana	gement Tasks	DATE: 11/17/2014	REV:
OJECT:		111030 1-(170	LD) Liigiiloon	ng a mana	gerrent rasko	MILESTONE/PH/	ASE: Phase 1
Clinton Keith	n Dood					E. Updated Cul	tural Studies
DIRECT LAI	BOR CLASSIFICATI	ON	HOURS		RATE	AMOUNT	1
	Project Mana		4	(Q)	\$66,31	\$265.24	-
		al Task Leade		(M)	\$74.29	420014	1
	Senior Cons				\$74.29		-
	Senior Geote				\$62,97		-
					\$41.40		1
_	Geotech Eng				\$71.85		
		tural Engineer					-
	Structural Er	~ -			\$43,27		-
		way Engineer		_	\$53,24		-
	Engineer				\$50,22		-
	Junior Engin			@	\$32.74		-
	Environment		48	@	\$51,32	\$2,463,36	-
	Assoc Plann	ег	8	@	\$32,99	\$263 92	-
	CADD				\$42,71		-
	Graphics / G	IS			\$35,24		-
	Contracts				\$54.06		
	Office/ Cleric	al/ Admin			\$29,66		
SCALATIO	ON @		(Rate)	Labor + Es	scalation)	\$0.00 \$3,758.74]
SCALATIO	ON @			Labor + Es		\$3,758_74	\$2.759.74
SCALATIO	0 @ A(Labor + Es			\$3,758.74
SCALATIO	ON @			Labor + Es		\$3,758_74	\$3,758.74
OVERHEAD OTHER DIR	ON @ O @ SECH2M HILL	114,16% (of Total Direct	Labor + Es	TOTA	\$3,758.74 - MULTIPLIERS	\$3,758.74
OVERHEAD OTHER DIR ITEM Communicati	ON @ O @ SECH2M HILL	114,16% (of Total Direct	Labor + Es	TOTAL	\$3,758.74 - MULTIPLIERS	\$3,758.74
OVERHEAD OTHER DIR ITEM Communicat Health & Saf	DIN @	114,16% ((of Total Direct UNIT hr	Labor + Es	TOTAL UNIT COST \$1.10	\$3,758.74 - MULTIPLIERS	\$3,758.74
OVERHEAD OTHER DIR ITEM Communicat dealth & Saf	DIN @	114,16% ((of Total Direct UNIT hr hr	Labor + Es	**TOTAI** UNIT COST	\$3,758.74 - MULTIPLIERS	\$3,758.74
OVERHEAD OTHER DIR ITEM Communicat Health & Saf Computer Production C	DN @ D @ LECH2M HILL tion fety Assessme	114,16% (UNIT hr hr	Labor + Es	**TOTAI** UNIT COST	\$3,758.74 - MULTIPLIERS	\$3,758.74
OTHER DIR ITEM Communicat dealth & Saf Computer Production Coutside Rep	DON @ DO @ LECH2M HILL tion fety Assessme Copier oro Services	114,16% (UNIT hr hr hr ea	Labor + Es	**TOTAI **UNIT COST	\$3,758.74 - MULTIPLIERS	\$3,758.74
OTHER DIR ITEM Communicated all & Safe Computer Production Coutside Rep Postage & Fi	DON @ DO @ LECH2M HILL tion fety Assessme Copier oro Services	114,16% (UNIT hr hr hr ea LS	Labor + Es	**TOTAI** UNIT COST	\$3,758.74 - MULTIPLIERS	\$3,758.74
OTHER DIR ITEM Communicat dealth & Safe Computer Production Coutside Rep Postage & Fi Supplies	DON @ DO @ LECH2M HILL tion fety Assessme Copier oro Services	114,16% (UNIT hr hr hr ea LS ea	Labor + Es	\$1.10 \$1,55 \$4,35 \$0.04 \$1,00 \$10,00	\$3,758.74 - MULTIPLIERS	\$3,758.74
OTHER DIR ITEM Communicat Computer Production C Outside Rep Postage & Fi Supplies	ECH2M HILL tion fety Assessme Copier oro Services freight	114,16% (UNIT hr hr ea LS ea ea	Labor + Es	\$1.10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00	\$3,758.74 - MULTIPLIERS	\$3,758.74
OTHER DIR ITEM Communicat Computer Production C Outside Rep Postage & Fi Supplies	ECH2M HILL tion fety Assessme Copier oro Services freight	114,16% (UNIT hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$10.00 \$0.375	\$3,758.74 - MULTIPLIERS	\$3,758.74
OVERHEAD OTHER DIR ITEM Communicat Health & Safe Computer Production Coutside Rep Postage & Fi Supplies Mileage	ECH2M HILL tion fety Assessme Copier oro Services freight	114,16% (UNIT hr hr ea LS ea ea miles		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$10.00 \$0.375	\$3,758,74 MULTIPLIERS AMOUNT	
DTHER DIR ITEM Communicat Health & Safe Computer Production Co Dutside Rep Postage & Fi Supplies Mileage Fravel Exper	ECH2M HILL tion fety Assessme Copier oro Services reight nses	QUANTITY	UNIT hr hr ea LS ea ea miles LS	тотл	### TOTAL ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES	
DTHER DIR THEM Communicate Health & Safe Computer Production Coutside Rep Postage & Fi Supplies Mileage Fravel Experi	DON @ DO @ LECH2M HILL tion fety Assessme Copier oro Services reight nses	114,16% (QUANTITY	UNIT hr hr ea LS ea ea miles	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$11.00 \$10.00 \$10.00 \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL	
DTHER DIR ITEM Communicated ealth & Safe Computer Production Coutside Rep Postage & Fi Supplies Mileage Travel Exper	ECH2M HILL tion fety Assessme Copier oro Services reight nses	QUANTITY	UNIT hr hr ea LS ea ea miles LS	тотл	### TOTAL ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES	
DTHER DIR ITEM Communicated ealth & Safe Computer Production Coutside Rep Postage & Fi Supplies Mileage Travel Exper	ECH2M HILL tion fety Assessme Copier oro Services reight nses	QUANTITY	UNIT hr hr ea LS ea ea miles LS	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL	\$0.00
DITHER DIR ITEM Communicat Health & Safe Computer Production Coutside Rep Postage & Fi Supplies Mileage Travel Exper	ECH2M HILL tion fety Assessme Copier oro Services reight nses	QUANTITY	UNIT hr hr ea LS ea ea miles LS	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$1,500.00	\$0.00
DITHER DIR. ITEM Communicate Health & Safe Computer Production Coutside Rep Postage & Fisupplies Mileage Travel Experiments Continued to the Country of	ECH2M HILL tion fety Assessme Copier oro Services reight nses	QUANTITY Ofee) LABOR	UNIT hr hr ea LS ea miles LS	TOT/	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$1,500.00	
DTHER DIRI ITEM Communicat dealth & Safe Computer Production Co Dutside Rep Postage & Fi Supplies Mileage Travel Experi	DN @ DECH2M HILL tion fety Assessme Copier oro Services reight nses ERVICES (W/c	QUANTITY Guantity LABOR JIN FEE @	UNIT hr hr ea LS ea miles LS	TOT/	\$1.10 \$1.55 \$4.35 \$1.00 \$10,00 \$10,00 \$1.00 \$0.375 \$1.00 AL OTHER DIRE	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$1,500.00	\$0.00
Communicate A Safe Communicate A Safe Computer Production Counts and Expenses A Figure 1	DIVIDIO IN INC. DIVIDIO	QUANTITY Guantity LABOR JIN FEE @	UNIT hr hr ea LS ea miles LS	TOT/	### TOTAL OUTS ### UNIT COST ### \$1.10 ### \$1.55 ### \$4.35 ### \$1.00 ##	\$3,758.74 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$1,500.00 IDE SERVICES	\$0.00

MPANY: CH2M HILL		SCOPE OF WO	ORK 6&E) Engineerii	ng & Manag	gement Tasks	DATE: 11/17/2014	REV:
OJECT:	1,61		, 3			MILESTONE/PHA F. Project Admi Management	ASE: Phase 2 inistration/Project
DIRECT LA	CLASSIFICATIO	N	HOURS		RATE	AMOUNT	
	Project Manag	er	84	@	\$66.31	\$5,570.04	
	Environmental				\$74.29		
	Senior Consult	tant			\$74.29		
	Senior Geotec	h			\$62.97		
	Geotech Engir	neer			\$41.40		
	Senior Structur				\$71.85		
	Structural Engi				\$43,27		
	Senior Roadwa				\$53.24		1
	Engineer	2 3			\$50.22		
	Junior Enginee	er			\$32.74		
	Environmental				\$51.32		
	Assoc Planner				\$32,99		1
	CADD				\$42.71		
	Graphics / GIS	`			\$35.24		
	Technical Edito				\$37.50		
	Contracts	01	8	@	\$54.06	\$432.48	
	Contracts	I	U	(G)	Ψ01,00	ψ 10±110	4
	Office/ Clerical	/ Admin	32	@	\$29.66	\$949.12	
		Admin	124	@	\$29.66 TOTAL D	\$949.12 DIRECT LABOR	\$6,951.64
	TOT	AL HOURS		@			*
ESCALATIO	TOT.	AL HOURS	124		TOTAL D	DIRECT LABOR	
ESCALATIO	TOT.	AL HOURS	124 (Rate)		TOTAL E	DIRECT LABOR \$0,00	
ESCALATIO DVERHEAL	TOT. ERS ON @ 0	0.00%	(Rate)		TOTAL E	\$0,00 \$7,935,99	
ESCALATIO DVERHEAL	TOT. ERS ON @ C D @ 1 RE Billed at Ac	0.00%	(Rate)		TOTAL E	\$0,00 \$7,935,99	
OVERHEAD OTHER DIF	TOT. ERS ON @ C D @ 1 RE Billed at Ac	0.00% 114.16% ctual Cost •••	(Rate)	Labor + Es	TOTAL E	\$0,00 \$7,935.99 MULTIPLIERS	\$7,935,99
DVERHEAD DVERHEAD DTHER DIF	TOT. ERS ON @ C D @ 1 RE Billed at Ac	D.00% 114.16% ctual Cost ••• QUANTITY	(Rate)	Labor + Es	TOTAL E	\$0,00 \$7,935.99 MULTIPLIERS	\$7,935,99
ITEM	TOT. ERS ON @ C D @ 1 RE Billed at Ac	D.00% 114.16% ctual Cost ••• QUANTITY	(Rate)	Labor + Es	TOTAL E	\$0,00 \$7,935.99 MULTIPLIERS	\$7,935,99
OVERHEAD OTHER DIF	TOT. ERS ON @ C D @ 1 RE Billed at Ac	D.00% 114.16% ctual Cost ••• QUANTITY	(Rate) (of Total Direct	Labor + Es	TOTAL E	\$0,00 \$7,935,99 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$7,935,99
OVERHEAD OTHER DIF ITEM OUTSIDE S CO	TOT. ERS ON @ C D @ 1 RE Billed at Ac	D.00% 114.16% ctual Cost ••• QUANTITY	(Rate) (of Total Direct	Labor + Es	TOTAL E	\$0,00 \$7,935,99 MULTIPLIERS AMOUNT CT EXPENSES	\$7,935,99
DTHER DIF	TOT. ERS ON @ C D @ 1 RE Billed at Ac	D.00% 114.16% Ctual Cost ••• QUANTITY Fee) LABOR	(Rate) (of Total Direct	TOTA	TOTAL E	\$0,00 \$7,935,99 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$7,935,99
DUTSIDE S CO FEES DUTSIDE S	TOT. ERS ON @ CO D @ 1 RE Billed at Acc SERVICES (w/o f OMPANY	AL HOURS 0.00% 114.16% ctual Cost ••• QUANTITY fee) LABOR	(Rate) (of Total Direct UNIT MULTIP 2.00% (c	TOTA	TOTAL E Scalation) TOTAL UNIT COST L OTHER DIRECT EXPENSES TOTAL OUTSI	\$0,00 \$7,935.99 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES	\$7,935,99
DUTSIDE S CO FEES DUTSIDE S	TOT. ERS ON @ CO D @ 1 RE Billed at Acc SERVICES (w/o f OMPANY	AL HOURS 0.00% 114.16% ctual Cost ••• QUANTITY fee) LABOR	(Rate) (of Total Direct	TOTA	TOTAL E Scalation) TOTAL UNIT COST L OTHER DIRECT EXPENSES TOTAL OUTSI	\$0,00 \$7,935,99 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES \$0,00 \$1,488.76	\$7,935,99
DTHER DIF	TOT. ERS ON @ CO D @ 1 RE Billed at Acc SERVICES (w/o f OMPANY	AL HOURS 0.00% 114.16% ctual Cost ••• QUANTITY fee) LABOR	(Rate) (of Total Direct UNIT MULTIP 2.00% (c	TOTA	TOTAL E Scalation) TOTAL UNIT COST L OTHER DIRECT EXPENSES TOTAL OUTSI	\$0,00 \$7,935,99 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES \$0.00	\$7,935,99 \$0.00 \$0.00

MPANY: CH2M HILL	SCOPE OF WO	RK &E) Engineering & Management Tasks			DATE: 11/17/2014	REV:
OJECT:	1. 1.000 = (1.0			,	MILESTONE/PHA	SE: Phase 2
Clinton Keith Road					G. Additional Re	oadway Design Task
DIRECT LABOR CLASSI	FICATION	HOURS		RATE	AMOUNT	1
	ct Manager	30	@	\$66,31	\$1,989.30	
	onmental Task Leade			\$74.29		
	r Consultant	60	@	\$74.29	\$4,457.40	
	r Geotech	00	<u> </u>	\$62.97	\$1,101,10	
	ech Engineer			\$41.40		
	r Structural Engineer			\$71.85		
				\$43.27		
	tural Engineer	24			\$1,277.76	
	r Roadway Engineer	24	@	\$53.24		
Engin		200	@	\$50.22	\$10,044.00	
	r Engineer			\$32.74		
	onmental Planner			\$51.32		
	Planner	400		\$32,99	ΦΕ 000 FC	
CADE		136	@	\$42.71	\$5.808.56	
	nics / GIS			\$35.24		
Contr				\$54.06		
Office	/ Clerical/ Admin			\$29.66		
	TOTAL MOURO	450		TOTAL	NDECT LABOR	₽92 577 0 0
	TOTAL HOURS	450 (Rate)		TOTAL [DIRECT LABOR	\$23,577.02
ESCALATION @	0.00%	(Rate)			\$0,00	\$23,577.02
SCALATION @	0.00%		st Labor + Es			\$23,577.02
OVERHEAD @	0.00%	(Rate)	ot Labor + Es	scalation)	\$0,00	
OVERHEAD @	0.00%	(Rate)	:t Labor + Es	scalation)	\$0.00 \$26,915.53	
ESCALATION @ DVERHEAD @ DTHER DIRECH2M	0.00% 114.16% 1 HILL	(Rate) (of Total Direc		scalation) TOTAL UNIT COST	\$0.00 \$26,915.53 MULTIPLIERS	\$26,915,53
ESCALATION @ DVERHEAD @ DTHER DIRECH2M	0.00% 114.16% 1 HILL	(Rate) (of Total Direc		scalation) TOTAL	\$0.00 \$26,915.53 MULTIPLIERS	\$26,915,53
OVERHEAD @ OTHER DIRE CH2N ITEM DUTSIDE SERVICE	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee)	(Rate) (of Total Direct	TOTA	scalation) TOTAL UNIT COST AL OTHER DIRE	\$0,00 \$26,915.53 MULTIPLIERS AMOUNT CT EXPENSES	\$26,915,53
OVERHEAD @ OTHER DIRE CH2N ITEM	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee)	(Rate) (of Total Direc	TOTA	scalation) TOTAL UNIT COST	\$0.00 \$26,915.53 MULTIPLIERS	\$26,915.53
OVERHEAD @ OTHER DIRECH2N ITEM DUTSIDE SERVICE	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee)	(Rate) (of Total Direct	TOTA	TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0,00 \$26,915.53 MULTIPLIERS AMOUNT CT EXPENSES	\$26,915.53
DVERHEAD @ DTHER DIRE CH2N ITEM DUTSIDE SERVICE COMPAN	0.00% 114,16% 1 HILL QUANTITY ES (w/o fee) Y LABOR	(Rate) (of Total Direct UNIT	TOT <i>A</i>	Scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$26,915.53 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES	\$26,915.53
OUTSIDE SERVICI COMPAN	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee)	(Rate) (of Total Direct UNIT	TOT <i>A</i>	TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0,00 \$26,915,53 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$26,915.53
OVERHEAD @ OTHER DIRE CH2N ITEM DUTSIDE SERVICE COMPAN FEES DUTSIDE SERVICE	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee) Y LABOR ES ADMIN FEE @	(Rate) (of Total Direction of To	TOTA PLIER (of Total Ou	Scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$26,915.53 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES	\$26,915.53
OVERHEAD @ OTHER DIRE CH2N ITEM OUTSIDE SERVICE COMPAN	0.00% 114.16% 4 HILL QUANTITY ES (w/o fee) Y LABOR ES ADMIN FEE @	(Rate) (of Total Direction of To	TOTA PLIER (of Total Ou	TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS tside Services)	\$0,00 \$26,915.53 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00	\$23,577.02 \$26,915.53 \$0.00

OMPANY:	SCOPE OF WO	RK			DATE:	REV:
CH2M HILL	Phase 2 - (PS	S&E) Engineer	ing & Mana	gement Tasks	11/17/2014	
OJECT:	-				MILESTONE/PHA	SE: Phase 2
Clinton Kei	th Road				H. Additional Dr	rainage Design Tasks
DIRECT LA	ABOR	HOURS		RATE	AMOUNT	1
	Project Manager	4	@	\$66.31	\$265.24	
	Environmental Task Leade	4	@	\$74.29	\$203,24	
	Senior Consultant	24			¢1 792 06	
		24	@	\$74.29 \$62.97	\$1,782.96	
	Senior Geotech					-
	Geotech Engineer			\$41,40		-
	Senior Structural Engineer			\$71.85		
	Structural Engineer			\$43.27		
	Senior Roadway Engineer	0.7		\$53.24	0404701	-
	Engineer	80	@	\$50.22	\$4,017.60	
	Junior Engineer			\$32,74		
	Environmental Planner			\$51.32		
	Assoc Planner			\$32,99		
	CADD	40	@	\$42,71	\$1,708.40	
	Graphics / GIS			\$35.24		
	Contracts			\$54,06		
	Office/ Clerical/ Admin			\$29.66		
MULTIPLIE	ERS					
		(Rate)			\$0.00	
ESCALATI	ON @ 0.00%	(Rate)	ct Labor + E	scalation)	\$0.00]
ESCALATI	ON @ 0.00%		ct Labor + E		\$8,875.03	\$8.875.03
ESCALATI	ON @ 0.00%		ct Labor + E			\$8,875,03
ESCALATI OVERHEA OTHER DII	ON @ 0.00% D @ 114.16% RE CH2M HILL	(of Total Direc	ct Labor + E	TOTAL	\$8,875,03 MULTIPLIERS	\$8,875,03
ESCALATI OVERHEA	ON @ 0.00% D @ 114.16%		ct Labor + E		\$8,875.03	\$8,875.03
ESCALATI OVERHEA OTHER DII	ON @ 0.00% D @ 114.16% RE CH2M HILL	(of Total Direc		TOTAL	\$8,875,03 MULTIPLIERS AMOUNT	
OVERHEA OTHER DI	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY	(of Total Direc		TOTAL	\$8,875,03 MULTIPLIERS AMOUNT	
OVERHEA OTHER DII ITEM OUTSIDE S	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY SERVICES (w/o fee)	(of Total Direct	тотл	TOTAL UNIT COST AL OTHER DIRE	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES	\$8,875.03
OVERHEA OTHER DII ITEM OUTSIDE S	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY	(of Total Direc	тотл	TOTAL	\$8,875,03 MULTIPLIERS AMOUNT	
OVERHEA OTHER DII ITEM OUTSIDE :	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY SERVICES (w/o fee)	(of Total Direct	тотл	UNIT COST AL OTHER DIRE EXPENSES	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES	\$0.00
OVERHEA OTHER DII ITEM OUTSIDE:	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY SERVICES (w/o fee)	(of Total Direct	тотл	UNIT COST AL OTHER DIRE EXPENSES	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$0.00
OVERHEA OTHER DII ITEM OUTSIDE : C	ON @ 0.00% D @ 114.16% RECH2M HILL QUANTITY SERVICES (w/o fee) OMPANY LABOR	(of Total Direction of Total Dir	TOTA PLIER	UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES	\$0.00
OVERHEA OTHER DII ITEM OUTSIDE : C	ON @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY SERVICES (w/o fee)	(of Total Direction of Total Dir	TOTA PLIER	UNIT COST AL OTHER DIRE EXPENSES	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$0.00
OTHER DII OUTSIDE S FEES OUTSIDE S	ON @ 0.00% D @ 114.16% RECH2M HILL QUANTITY SERVICES (w/o fee) OMPANY LABOR SERVICES ADMIN FEE @	UNIT MULTI	TOTA PLIER (of Total Ou	UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES	\$0.00
OVERHEA OTHER DII ITEM OUTSIDE : C	ON @ 0.00% D @ 114.16% RECH2M HILL QUANTITY SERVICES (w/o fee) OMPANY LABOR SERVICES ADMIN FEE @	UNIT MULTI	TOTA PLIER (of Total Ou	UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00	
OTHER DII OUTSIDE S FEES OUTSIDE S	ON @ 0.00% D @ 114.16% RECH2M HILL QUANTITY SERVICES (w/o fee) OMPANY LABOR SERVICES ADMIN FEE @	UNIT MULTI	TOTA PLIER (of Total Ou	UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$8,875.03 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00 \$1,664,92	\$0.00

MPANY: CH2M HILL		SCOPE OF WO		ng & Mana	agement Tasks	DATE: 11/17/2014	REV:
OJECT:	Road	,	, 5	<u> </u>		MILESTONE/PHA I. Additional Re Specifications T	visions to
DIRECT LAB	OB					1-1	
	.ASSIFICATI	ON	HOURS		RATE	AMOUNT	Ī
	Project Mana	ager	6	@	\$66.31	\$397.86	
	Environment	al Task Leade			\$74.29		
	Senior Consi	ultant			\$74.29		
	Senior Geote	ech			\$62,97		
	Geotech Eng	jineer			\$41.40		
	Senior Struct	tural Engineer			\$71.85		
	Structural En	gineer			\$43,27		
		way Engineer	32	@	\$53.24	\$1,703,68	
	Engineer				\$50.22		
	Junior Engin	eer			\$32.74		
	Environment	al Planner			\$51,32		
	Assoc Plann	er			\$32,99		
	CADD				\$42.71		
	Graphics / G	IS			\$35.24		
	Contracts				\$54.06		
	Office/ Cleric	al/ Admin			\$29.66		
MULTIPLIER: ESCALATION		0.00% (Rate)			\$0.00	
OVERHEAD (@	114.16% (of Total Direc	t Labor + i	Escalation)	\$2,399.12	
					TOTAL	. MULTIPLIERS	\$2,399,12
THER DIRE	CH2M HILL	QUANTITY	UNIT		UNIT COST	AMOUNT	
11 - 141		GOARTITI	ONIT		Citii CCCi	Amount	
				тот	AL OTHER DIRE	CT EXPENSES	\$0.00
OUTSIDE SEI	RVICES (w/c	fee)	MULTIF	PLIER	EXPENSES	TOTAL	
					TOTAL OUTS	IDE SERVICES	\$0.00
EES							V!
OUTSIDE SEI	RVICES ADI	MIN FEE @	2.00% (of Total O	utside Services)	\$0.00	
CH2M HILL @	D.	10.00% (of Total Direc	t Labor + 1	Total Multipliers)	\$450.07	
						TOTAL FEES	\$450.07

MPANY:	SCOPE OF WO	RK			DATE:	REV:
CH2M HILL	Phase 2 - (PS	8&E) Engineeri	ng & Mana	gement Tasks	11/17/2014	
OJECT:	,				MILESTONE/PHA	ASE: Phase 2
Clinton Keit	h Road				J. Additional St	ructure Design Tasks
DIRECT LA	ABOR	HOURS		RATE	AMOUNT	7
		HOURS		\$66.31	AWOUNT	
	Project Manager Environmental Task Leade			\$74.29		-
	Senior Consultant			\$74.29		-
	Senior Geotech			\$62.97		-
				\$41.40		
	Geotech Engineer	10	<u> </u>	\$71.85	\$718.50	-
	Senior Structural Engineer	10	@	\$43.27		
	Structural Engineer	10	@	\$53.24	\$432.70	
	Senior Roadway Engineer			\$53.24		
	Engineer Lucios Engineer			\$32.74		
	Junior Engineer Environmental Planner			\$51.32		-
_	Assoc Planner			\$32.99		
	CADD	20	@	\$32,99	\$854.20	
		20	@	\$35.24	\$854.20	
	Graphics / GIS Contracts			\$54.06		
	Office/ Clerical/ Admin			\$29.66		-
_	Office/ Clerical/ Admin			\$29.00		
MULTIPLIE	TOTAL HOURS	40		TOTAL	DIRECT LABOR	\$2,005.40
	RS	40 (Rate)		TOTAL	\$0.00	\$2,005.40
ESCALATIO	ERS DN @ 0,00%		t Labor + E			\$2,005.40
ESCALATIO	ERS DN @ 0,00%	(Rate)	t Labor + E	scalation)	\$0,00	
ESCALATIO DVERHEAD	ERS DN @ 0,00% D @ 114,16%	(Rate)	t Labor + E	scalation)	\$0.00	
ESCALATIO OVERHEAD	ERS DN @ 0,00%	(Rate)	t Labor + E	scalation)	\$0.00	
ESCALATION OVERHEAD	ERS DN @ 0.00% D @ 114.16%	(Rate) (of Total Direct		scalation) TOTAL	\$0.00 \$2,289,36 MULTIPLIERS	\$2,289,36
OVERHEAD OTHER DIR	ERS DN @ 0.00% D @ 114,16% RE CH2M HILL QUANTITY	(Rate) (of Total Direct		scalation) TOTAL UNIT COST	\$0.00 \$2,289,36 MULTIPLIERS	\$2,289,36
ITEM OUTSIDE S	ERS DN @ 0.00% D @ 114.16%	(Rate) (of Total Direct	ТОТА	scalation) TOTAL UNIT COST	\$0.00 \$2,289,36 MULTIPLIERS	\$2,005.40
OVERHEAD OTHER DIR ITEM	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY GERVICES (w/o fee)	(Rate) (of Total Direct	ТОТА	scalation) TOTAL UNIT COST AL OTHER DIRE	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES	\$2,289,36
OTHER DIR ITEM DUTSIDE S	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY GERVICES (w/o fee)	(Rate) (of Total Direct	ТОТА	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES	\$2,289.36
OVERHEAD OTHER DIR ITEM OUTSIDE S CO dydroArch	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY GERVICES (w/o fee)	(Rate) (of Total Direct	ТОТА	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$2,289,36
OVERHEAD OTHER DIR ITEM OUTSIDE S CC dydroArch	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY GERVICES (w/o fee)	(Rate) (of Total Direct	TOTA	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$2,289,36
OTHER DIFIEM DUTSIDE S CO HydroArch FEES DUTSIDE S	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY BERVICES (w/o fee) DMPANY LABOR BERVICES ADMIN FEE @	(Rate) (of Total Direct UNIT MULTIF	TOTA PLIER of Total Ou	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES	\$2,289.36
OVERHEAD OTHER DIR ITEM OUTSIDE S CC HydroArch	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY BERVICES (w/o fee) DMPANY LABOR BERVICES ADMIN FEE @	(Rate) (of Total Direct UNIT MULTIF	TOTA PLIER of Total Ou	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00	\$2,289,36
OTHER DIFIEM DUTSIDE S CO HydroArch FEES DUTSIDE S	ERS DN @ 0.00% D @ 114.16% RE CH2M HILL QUANTITY BERVICES (w/o fee) DMPANY LABOR BERVICES ADMIN FEE @	(Rate) (of Total Direct UNIT MULTIF	TOTA PLIER of Total Ou	scalation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$2,289,36 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00 \$429.48	\$2,289,36



COST PROPOSAL

Contract No. 02-02-005A2

Environmental and Design Support of the Clinton Keith Road Extension Project

AMENDMENT NO. 5 Alternate Bid Task Summary

17-Nov-14

Amendment No. 5 (Alt Bid) Task Number	Task Description	Fee
Α	Project Administration/Project Management	\$6,248
В	Environmental	\$41,027
	Total Phase 1	\$47,276
С	Project Administration/Project Management	\$15,621
D	Engineering	\$127,594
	Total Phase 2	\$143,216
Ę	Bid Support Task	\$11,716
	Total Phase 3	\$11,716
	Total Phase 1, 2 & 3	\$202,207
	Contingency @ 10%	\$20,221
	Total Amendment No. 5 (Alt Bid)	\$222,428

Total Office/ Clerical/ Admin Contracts Technical Editor 48 48 72 Graphics / GIS 360 20 0 380 CADD REVISION Assoc Planner Environmental Planner 200 200 0 Junior Engineer Senior Roadway Engineer Engineer 340 340 260 40 220 Structural Engineer 11/17/2014 MILESTONES/PHASE Phase 1-4 Senior Structural Engineer 6 Geotech Seniar Geotech 0 Project Task Senior Manager LeaderTeth Consultant 09 9 0 SCOPE OF WORK 170 100 30 Phase 1-4 40 Total Manhours Project Administration/Project Management Environmental PHASE 2
TZ.10.PM Project Administration/Project Management
TZ.10 Engineering Totals Task MANHOURS WORKSHEET
 PHASE 1
 PHASE 1

 A
 T1.01
 Phase 1

 B
 T1.07
 E
 PHASE 3 Contract Task CH2M HILL Task Number Number Clinton Keith Road Extension PHASE 4 PHASE 2 C D PHASE 3 CH2M HILL

MPANY: CH2M HII		SCOPE OF WORK Phase 1 - 4				DATE: 11/17/2014	REV:
OJECT:	top ton	Triaco i				MILESTONE/PHA	ASE:
	eith Road					Phase 1-4 Sum	
DIRECT L	AROR						
DIRECT	CLASSIFICATION		HOURS		RATE	AMOUNT	
	Project Manager		170	@	\$66,31	\$11,272,70	
	Environmental Task Lea	der/Tech Specialist			\$74.29		
	Senior Consultant		60	@	\$74.29	\$4,457.40	
	Senior Geotech				\$62,97		
	Geotech Engineer		15		\$41,40		
	Senior Structural Engine	er	-		\$71,85		
	Structural Engineer			_	\$43,27		
	Senior Roadway Engine	er	260	@	\$53,24	\$13,842.40	
	Engineer		340	@	\$50.22	\$17,074_80	
	Junior Engineer				\$32.74		
	Environmental Planner		200	@	\$51.32	\$10,264.00	
	Assoc Planner		2		\$32.99		
	CADD		380	@	\$42,71	\$16,229.80	
	Graphics / GIS		72	@	\$35,24	\$2,537,28	
	Technical Editor		48	@	\$37.50	\$1,800_00	
	Contracts	-			\$54.06		
	Office/ Clerical/ Admin				\$29,66		
		TOTAL HOURS	1,530		TOTAL	DIRECT LABOR	\$77,478.3
ESCALAT	TION @	0,00%	(Rate)	Labor + Es		\$0,00	\$77 ,478 .3
ESCALAT	TION @	0,00%		Labor + Es	calation)		j L
ESCALAT DVERHE	FION @ AD @	0,00%	(Rate)	Labor + Es	calation)	\$0,00 \$88,449,32	j L
OVERHEAD OTHER D ITEM	TION @ AD @ DIRE Billed at Actual Cost	0,00%	(Rate)	Labor + Es	calation)	\$0,00 \$88,449,32	j L
OTHER D ITEM	AD @ DIRE Billed at Actual Cost Safety Assessment	0.00%	(Rate) (of Total Direct UNIT	Labor + Es	TOTAL UNIT COST \$1.55	\$0,00 \$88,449,32 MULTIPLIERS	j L
OTHER D ITEM Health & S Outside R	FION @ AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services	0,00% 114.16%	(Rate) (of Total Direct	Labor + Es	TOTAL UNIT COST \$1.55 \$1,00	\$0,00 \$88,449,32 MULTIPLIERS	j L
OTHER D ITEM Health & S Outside R Postage &	FION @ AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea	Labor + Es	TOTAL UNIT COST \$1.55 \$1,00 \$10,00	\$0,00 \$88,449,32 MULTIPLIERS	j L
OTHER D ITEM Health & S Outside R Postage &	FION @ AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services	0,00% 114.16%	(Rate) (of Total Direct UNIT hr LS	Labor + Es	TOTAL UNIT COST \$1.55 \$1,00	\$0,00 \$88,449,32 MULTIPLIERS	j L
OTHER D ITEM Health & S Outside R Postage &	FION @ AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services	0,00% 114.16%	(Rate) (of Total Direct UNIT hr LS ea		TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555	\$0,00 \$88,449,32 MULTIPLIERS	\$88,449.3
OTHER DITEM Health & S Outside R Postage & Mileage	FION @ AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea		TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE	\$0,00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES	\$88,449.3
OTHER DITEM Health & S Outside R Postage & Mileage	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services & Freight	0,00% 114.16%	(Rate) (of Total Direct UNIT hr LS ea		TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555	\$0.00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES	\$77,478.3
Health & S Outside R Postage & Mileage OUTSIDE	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services & Freight E SERVICES (w/o fee) COMPANY	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea		TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE	\$0,00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$6,500.00	\$88,449.3
OTHER DITEM Health & S Outside R Postage & Mileage DUTSIDE	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services & Freight E SERVICES (w/o fee) COMPANY	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea		TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE	\$0.00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES	\$88,449.3
OTHER DITEM Health & S Outside R Postage & Mileage OUTSIDE	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services & Freight E SERVICES (w/o fee) COMPANY	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea		UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE	\$0,00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$6,500.00	\$88,449.3
OTHER D ITEM Health & S Outside R Postage 8 Mileage OUTSIDE Critigen FPL & As	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services 3. Freight E SERVICES (w/o fee) COMPANY ssociates	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea miles	TOTA	TOTAL UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE EXPENSES	\$0,00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$6,500.00 \$12,800.00	\$88,449.3
OTHER D ITEM Health & S Outside R Postage 8 Mileage OUTSIDE Critigen FPL & As	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services & Freight E SERVICES (w/o fee) COMPANY	0,00% 114.16% QUANTITY	(Rate) (of Total Direct UNIT hr LS ea miles	TOTA	UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE	\$0.00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$6,500.00 \$12,800.00	\$88,449.3
OTHER D ITEM Health & S Outside R Postage 8 Mileage OUTSIDE Critigen FPL & As	AD @ DIRE Billed at Actual Cost Safety Assessment Repro Services 3. Freight E SERVICES (w/o fee) COMPANY SSOCIATES	0,00% 114.16% QUANTITY LABOR	(Rate) (of Total Direct UNIT hr LS ea miles	TOTA	UNIT COST \$1.55 \$1.00 \$10.00 \$0.555 L OTHER DIRE EXPENSES TOTAL OUTS	\$0,00 \$88,449,32 MULTIPLIERS AMOUNT CT EXPENSES TOTAL \$6,500.00 \$12,800.00	\$88,449.3

MPANY: CH2M HILL		SCOPE OF WORK Phase 1 - (PA/ED) Er	naineerina & Mai	nagement ⁻	Tasks	DATE: 11/17/2014	REV:
DJECT:		THOSE T- (TAVED) ET	Igineering a wa	iagoment	Tasks	MILESTONE/PHA	ec.
Clinton Keit	h Poed					Phase 1 Summ	
Jimton Keit	II Koau					Filase I Summ	ary
IRECT LA	BOR						
	CLASSIFICATION		HOURS		RATE	AMOUNT	
	Project Manager		40	@	\$66.31	\$2,652.40	
		eader/Tech Specialist			\$74.29		
	Senior Consultant		-:		\$74.29		
	Senior Geotech				\$62.97		
	Geotech Engineer				\$41.40		
	Senior Structural Eng	neer			\$71,85		
	Structural Engineer				\$43.27		
	Senior Roadway Engi	neer			\$53,24		
	Engineer		-		\$50,22		
	Junior Engineer				\$32 74		
	Environmental Planne	r	200	@	\$51.32	\$10,264_00	
	Assoc Planner				\$32.99		
	CADD		-		\$42.71	41.1	-
	Graphics / GIS		72	@	\$35,24	\$2,537.28	
	Technical Editor		48	@	\$37.50	\$1,800.00	
	Contracts				\$54.06		
	Office/ Clerical/ Admir	1			\$29,66		
		TOTAL HOURS	360			DIRECT LABOR	\$17,253.68
SCALATIO	ON @		(Rate)			\$0,00]
SCALATIO	ON @		(Rate) (of Total Direct I	Labor + Es		\$0,00 \$19,696,80 L MULTIPLIERS	\$19,696,80
SCALATION VERHEAD THER DIR	ON @	114,16%		Labor + Es		\$19,696.80	\$19,696,80
SCALATION VERHEAD THER DIR	ON @ D @ RE ••• Billed at Actual Co	114,16%	(of Total Direct I	Labor + Es	TOTAI	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM ommunica ealth & Sa	ON @ D @ RE ••• Billed at Actual Co	114,16%	(of Total Direct I	Labor + Es	**TOTAL** UNIT COST	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM ommunica ealth & Sa	ON @ RE Billed at Actual Co	114,16%	(of Total Direct I	Labor + Eş	TOTAL UNIT COST \$1,10	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM Ommunica ealth & Sa omputer roduction (ON @ RE ••• Billed at Actual Co tion fety Assessment Copier	114,16%	(of Total Direct I	Labor + Es	**TOTAI** UNIT COST	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM ommunica ealth & Sa omputer roduction (utside Rep	DN @ RE Billed at Actual Co tion fety Assessment Copier oro Services	114,16%	UNIT hr hr hr ea LS	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F	DN @ RE Billed at Actual Co tion fety Assessment Copier oro Services	114,16%	UNIT hr hr hr ea LS ea	Labor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM ommunica ealth & Sa omputer roduction (utside Rep ostage & F	DN @ RE Billed at Actual Co tion fety Assessment Copier oro Services	st ··· QUANTITY	UNIT hr hr hr ea LS ea ea	Labor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$10,00	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR ITEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage	DN @ RE Billed at Actual Co tion fety Assessment Copier pro Services freight	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1,00 \$0,375	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR THEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe	DN @ RE Billed at Actual Continuation fety Assessment Copier for Services freight	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles LS	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR THEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe	DN @ RE Billed at Actual Continuation fety Assessment Copier for Services freight	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1,00 \$0,375	\$19,696.80 L MULTIPLIERS	\$19,696,80
THER DIR THEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe	DN @ RE Billed at Actual Continuation fety Assessment Copier for Services freight	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles LS		\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$19,696,80 L MULTIPLIERS AMOUNT	
THER DIR TTEM Ommunica ealth & Sa omputer roduction (utuside Rep ostage & F upplies lileage ravel Expe	DN @ RE Billed at Actual Continuation fety Assessment Copier for Services freight	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles LS		\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$19,696.80 L MULTIPLIERS	
THER DIR ITEM ommunica ealth & Sa omputer roduction (outside Rep outplies liteage ravel Expe PS Rental	ON @ O @ RE Billed at Actual Contion fety Assessment Copier oro Services Freight nses	st ···· QUANTITY	UNIT hr hr hr ea LS ea ea miles LS day	ТОТА	\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$10,00 \$0,375 \$1,00 \$500,00	\$19,696,80 L MULTIPLIERS AMOUNT ECT EXPENSES	\$19,696,80
THER DIR ITEM ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe PS Rental	ON @ O @ RE Billed at Actual Contition fety Assessment Copier oro Services freight nses	114,16% st QUANTITY	UNIT hr hr hr ea LS ea ea miles LS	ТОТА	\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$19,696,80 MULTIPLIERS AMOUNT CCT EXPENSES	
THER DIR ITEM ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe PS Rental	ON @ O @ RE Billed at Actual Contion fety Assessment Copier oro Services Freight nses	st ···· QUANTITY	UNIT hr hr hr ea LS ea ea miles LS day	ТОТА	\$1,10 \$1,55 \$4.35 \$0,04 \$11,00 \$10,00 \$10,00 \$0,375 \$1,00 \$500,00	\$19,696,80 L MULTIPLIERS AMOUNT ECT EXPENSES	
THER DIR ITEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe PS Rental UTSIDE S CC ritigen	ON @ O @ RE Billed at Actual Contion fety Assessment Copier oro Services Freight nses	st ···· QUANTITY	UNIT hr hr hr ea LS ea ea miles LS day	ТОТА	\$1,10 \$1,55 \$4,35 \$0,04 \$10,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$19,696,80 MULTIPLIERS AMOUNT CCT EXPENSES	\$0.00
THER DIR THER DIR THEN THEN	ON @ O @ RE Billed at Actual Contion fety Assessment Copier oro Services Freight nses	st ··· QUANTITY	UNIT hr hr hr ea LS ea miles LS day	TOTA	\$1,10 \$1,55 \$4,35 \$0,04 \$10,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$19,696,80 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$6,500,00	
THER DIR THER DIR THEM Ommunica ealth & Sa omputer roduction (utside Rep ostage & F upplies illeage ravel Expe PS Rental UTSIDE S CC ritigen	DN @ D @ RE Billed at Actual Continuing fety Assessment Copier Dro Services Freight ERVICES (w/o fee) DMPANY ERVICES ADMIN FEE	st ···· QUANTITY LABOR	UNIT hr hr hr ea LS ea miles LS day	TOTA	### TOTAL OUTS UNIT COST \$1,100 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$500,375 \$1,00 \$500,00 ################################	\$19,696.80 MULTIPLIERS AMOUNT AMOUNT TOTAL \$6,500.00	\$0.00
THER DIR THER DIR THEN THEN	DN @ D @ RE Billed at Actual Continuing fety Assessment Copier Dro Services Freight ERVICES (w/o fee) DMPANY ERVICES ADMIN FEE	st ···· QUANTITY LABOR	UNIT hr hr ea LS ea miles LS day	TOTA	## TOTAL OUTS UNIT COST \$1,100 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$500,375 \$1,00 \$500,00 ### AL OTHER DIRE	\$19,696.80 L MULTIPLIERS AMOUNT CCT EXPENSES TOTAL \$6,500.00 SIDE SERVICES	\$0.00

MPANY: CH2M HILL		SCOPE OF WORK Phase 2 - (PS&E) Eng	ineering & Man	agement 1	Tasks	DATE: 11/17/2014	REV:
OJECT:						MILESTONE/PHA	SE:
Clinton Keith	Road					Phase 2 Summa	ary
DIRECT LAB	OP.						
JIRECT LAB	CLASSIFICATION		HOURS		RATE	AMOUNT	1
	Project Manager		100	@	\$66.31	\$6,631.00	
		eader/Tech Specialist			\$74.29		Í
	Senior Consultant		60	@	\$74.29	\$4,457.40	1
	Senior Geotech		8		\$62.97		1
	Geotech Engineer		-		\$41.40		1
	Senior Structural Engi	ineer	-		\$71_85		
	Structural Engineer		-		\$43,27		
	Senior Roadway Engi	neer	220	@	\$53,24	\$11,712.80	
	Engineer		340	@	\$50,22	\$17,074.80	
	Junior Engineer		2		\$32.74]
	Environmental Planne	er	5		\$51,32		
	Assoc Planner		2		\$32,99		
	CADD		360	@	\$42.71	\$15,375.60	
	Graphics / GIS		*		\$35.24		
	Technical Editor		- 5		\$37,50		
	Contracts		*		\$54.06	-	
	Office/ Clerical/ Admir	1			\$29.66		
		TOTAL HOURS	1,080		TOTAL	DIRECT LABOR	\$55,251.6
			(Rate)	_abor + Es	scalation)	\$0.00 \$63.075.23]
OVERHEAD ((Rate) (of Total Direct I	_abor + Es		\$0,00 \$63,075.23 L MULTIPLIERS	\$63,075,23
OVERHEAD (114:16% (_abor + Es		\$63,075.23	\$63,075,2
OVERHEAD (OTHER DIRE ITEM	@ Billed at Actual Co	114,16% (of Total Direct I	_abor + Es	TOTA	\$63,075.23	\$63,075,2
OVERHEAD (OTHER DIRE ITEM Communication	Billed at Actual Co	114,16% ((of Total Direct I	_abor + Es	TOTAL UNIT COST \$1,10	\$63,075.23	\$63,075,2
OVERHEAD (OTHER DIRE ITEM Communicatic dealth & Safe	@ Billed at Actual Co	114,16% ((of Total Direct I	_abor + Es	TOTA UNIT COST \$1,10 \$1,55	\$63,075.23	\$63,075,2
OVERHEAD (OTHER DIRE ITEM Communication dealth & Safe Computer	Billed at Actual Co On ety Assessment	114,16% ((of Total Direct I	_abor + Es	TOTA UNIT COST \$1,10 \$1,55 \$4,35	\$63,075.23	\$63,075.2
OVERHEAD (OTHER DIRE ITEM Communication lealth & Safe Computer Production Co	Billed at Actual Co on ety Assessment opier	114,16% (UNIT hr hr hr ea	abor + Es	**TOTA *********************************	\$63,075.23	\$63,075.2
OVERHEAD (OTHER DIRE ITEM Communication dealth & Safe Computer Production Co	Billed at Actual Co on ety Assessment opier o Services	114,16% (UNIT hr hr hr ea	abor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00	\$63,075.23	\$63,075.2
DTHER DIRE ITEM Communicatio dealth & Safe Computer Production Co Outside Repro	Billed at Actual Co on ety Assessment opier o Services	114,16% (UNIT hr hr hr ea LS ea	_abor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00	\$63,075.23	\$63,075.2
DTHER DIRE ITEM Communication dealth & Safe Computer Production Co Outside Repro	Billed at Actual Co on ety Assessment opier o Services	114.16% (UNIT hr hr ea LS ea ea	_abor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00	\$63,075.23	\$63,075.2
OVERHEAD (OTHER DIRE ITEM Communication Computer Production Co Outside Repro Costage & Free Supplies Mileage	Billed at Actual Co on ety Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles	abor + Es	TOTA \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$10.00 \$0.375	\$63,075.23	\$63,075,2
DTHER DIRE ITEM Communication dealth & Safe Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens	Billed at Actual Co on ety Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles LS	_abor + Es	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$1,00 \$1,00	\$63,075.23	\$63,075.2
DTHER DIRE ITEM Communication dealth & Safe Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens	Billed at Actual Co on ety Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles	_abor + Es	TOTA \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$10.00 \$0.375	\$63,075.23	\$63,075,2
DVERHEAD (DTHER DIRE ITEM Communication Health & Safe Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens	Billed at Actual Co on ety Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles LS		\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$1,00 \$1,00	\$63,075.23 L MULTIPLIERS AMOUNT	I
DVERHEAD (DTHER DIRE ITEM Communication computer Production Co Dutside Repro Postage & Fre Supplies dileage Fravel Expens	Billed at Actual Comment Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles LS		\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1.00 \$500,00	\$63,075.23 L MULTIPLIERS AMOUNT	I
DVERHEAD (DTHER DIRE ITEM Communicatic Health & Safe Computer Production Co Dutside Repro Subject & Fre Supplies Mileage Travel Expens SPS Rental	Billed at Actual Co on ety Assessment opier o Services eight	114.16% (UNIT hr hr hr ea LS ea ea miles LS	тот	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1.00 \$500,00	\$63,075.23 L MULTIPLIERS AMOUNT	\$63,075,23
DVERHEAD (DTHER DIRE ITEM Communicatic Health & Safe Computer Production Co Dutside Repro Supplies Mileage Travel Expens SPS Rental DUTSIDE SE COM	@ Billed at Actual Coon ety Assessment opier o Services eight ses	114,16% (UNIT hr hr ea LS ea ea miles LS day	тот	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$63,075.23 L MULTIPLIERS AMOUNT	I
DVERHEAD (DTHER DIRE ITEM Communicatic dealth & Safe Computer Production Cc Postage & Fre Supplies dileage fravel Expens SPS Rental	@ Billed at Actual Coon ety Assessment opier o Services eight ses	114,16% (UNIT hr hr ea LS ea ea miles LS day	тот	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1,00 \$500,00	\$63,075.23 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	I
DVERHEAD (DTHER DIRE ITEM Communicatic dealth & Safe Computer Production Cc Postage & Fre Supplies dileage fravel Expens SPS Rental	@ Billed at Actual Coon ety Assessment opier o Services eight ses	114,16% (UNIT hr hr ea LS ea ea miles LS day	тот	**TOTA** **UNIT COST** \$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00 \$500.00 **AL OTHER DIRE	\$63,075.23 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$0.00
DVERHEAD (DTHER DIRE ITEM Communication Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens SPS Rental DUTSIDE SE COM TPL & Associa	Billed at Actual Coon Sety Assessment Sety Services eight ses RVICES (w/o fee) MPANY ates	114.16% (st *** QUANTITY	UNIT hr hr ea LS ea ea miles LS day	TOT	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$500,00 \$500,00	\$63,075.23 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL \$12,800.00 SIDE SERVICES	\$0.00
DVERHEAD (DTHER DIRE ITEM Communication dealth & Safe Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens BPS Rental DUTSIDE SEI COM PL & Associa	@ Billed at Actual Coon ety Assessment opier o Services eight ses	ast ··· QUANTITY	UNIT hr hr hr ea LS ea ea miles LS day	TOT	### TOTAL OUTS ###################################	\$63,075.23 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL \$12,800.00 SIDE SERVICES	\$0.00
DVERHEAD (DTHER DIRE ITEM Communication Computer Production Co Dutside Repro Postage & Fre Supplies Mileage Travel Expens SPS Rental DUTSIDE SE COM TPL & Associa	@ Billed at Actual Coon ety Assessment opier o Services eight ses	ast ··· QUANTITY	UNIT hr hr ea LS ea ea miles LS day	TOT	### TOTAL OUTS ###################################	\$63,075.23 L MULTIPLIERS AMOUNT ECT EXPENSES TOTAL \$12,800.00 SIDE SERVICES	I

MPANY: CH2M HILL		SCOPE OF WORK Phase 3 - Bid Support	Task			DATE: 11/17/2014	REV:
OJECT:		n nasc o Bia Support	1 4011			MILESTONE/PHA	ASE:
Clinton Keith Roa	ıd					Phase 3 Summ	
DIRECT LABOR	LASSIFICATION		HOURS		RATE	AMOUNT	7
	ject Manager		30	@	\$66,31	\$1,989.30	
		eader/Tech Specialist	- 0	W	\$74.29	ψ1,909,30	1
	nior Consultant	Caddin room openianor	120		\$74.29		-
	nior Geotech		583		\$62.97		1
	otech Engineer				\$41.40		1
	nior Structural Engi	neer	525		\$71.85		1
	uctural Engineer		7-1		\$43.27		1
	nior Roadway Engi	neer	40	@	\$53.24	\$2,129.60	
	jineer		540		\$50 22		
	ior Engineer		<u>(*</u> C		\$32.74		[
	rironmental Planne	ır	7.0		\$51.32		1
Ass	oc Planner		*		\$32.99		
CAE	DD		20	@	\$42.71	\$854.20	1
Gra	phics / GIS		S#1		\$35_24		
Tec	hnical Editor		200		\$37.50		
Con	ntracts		38		\$54.06		
Offic	ce/ Clerical/ Admir	1	- 185 III		\$29.66		
		TOTAL HOURS	90		TOTAL I	DIRECT LABOR	\$4,973-1
SCALATION @		0.00%	(Rate)			\$0,00	
ESCALATION @			(Rate) (of Total Direct	Labor + Es	,	\$5,677.29	
OVERHEAD @		114.16%		Labor + Es	,		\$5,677 2
OVERHEAD @	Billed at Actual Co	114.16%		Labor + Es	,	\$5,677.29	\$5,677.2
OVERHEAD @ OTHER DIRE [Billed at Actual Co	114.16% ((of Total Direct I	Labor + Es	TOTAL	\$5,677,29 . MULTIPLIERS	\$5,677 2
OVERHEAD @ OTHER DIRE [ITEM Communication		114.16%	(of Total Direct I	Labor + Es	TOTAL	\$5,677,29 . MULTIPLIERS	\$5,677 2
DVERHEAD @ DTHER DIRE [ITEM Communication Health & Safety As		114.16%	(of Total Direct I	Labor + Es	TOTAL UNIT COST \$1 10	\$5,677,29 . MULTIPLIERS	\$5,677.2
DITHER DIRE *** If ITEM Communication dealth & Safety Ascomputer	ssessment	114.16% st ••• QUANTITY	(of Total Direct I	Labor + Es	**TOTAL UNIT COST	\$5,677,29 . MULTIPLIERS	\$5,677 2
DITHER DIRE *** If ITEM Communication Health & Safety As Computer Production Copier	ssessment	114.16% st ••• QUANTITY	(of Total Direct I	Labor + Es	TOTAL UNIT COST \$1 10 \$1.55 \$4.35	\$5,677,29 . MULTIPLIERS	\$5,677.2
DITHER DIRE IN TITEM Communication Health & Safety A: Computer Production Copier Dutside Repro Sei	ssessment	114.16% st ••• QUANTITY	(of Total Direct I	Labor + Es	TOTAL UNIT COST \$1.10 \$1.55 \$4,35 \$0.04	\$5,677,29 . MULTIPLIERS	\$5,677.2
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies	ssessment	114.16% st ••• QUANTITY	(of Total Direct I	Labor + Es	**TOTAL** **UNIT COST** \$1.10 \$1.55 \$4.35 \$0.04 \$1.00	\$5,677,29 . MULTIPLIERS	\$5,677 25
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage	ssessment	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375	\$5,677,29 . MULTIPLIERS	\$5,677 25
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses	ssessment	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS	Labor + Es	\$1 10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$5,677,29 . MULTIPLIERS	\$5,677 25
DITHER DIRE *** If ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Alileage Travel Expenses	ssessment	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles	Labor + Es	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375	\$5,677,29 . MULTIPLIERS	\$5,677 29
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses	ssessment	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT	
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses	ssessment	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS		\$1 10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	\$5,677.29 MULTIPLIERS AMOUNT	
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses BPS Rental	ssessment ervices t	114,16%	UNIT hr hr ea LS ea ea miles LS day	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$10,00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES	
DITHER DIRE *** 16 ITEM Communication Health & Safety Astronomical Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Alileage Travel Expenses SPS Rental	ssessment ervices t	114.16% st ••• QUANTITY	UNIT hr hr ea LS ea ea miles LS	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT	
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety As Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses BPS Rental	ssessment ervices t	114,16%	UNIT hr hr ea LS ea ea miles LS day	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES	\$5,677.29
DVERHEAD @ DTHER DIRE 6 ITEM Communication Health & Safety Astronomication Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses GPS Rental DUTSIDE SERVIC COMPAI	ssessment ervices t	114,16%	UNIT hr hr ea LS ea ea miles LS day	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES	\$0.00
DVERHEAD @ DTHER DIRE I ITEM Communication Health & Safety Astronomication Computer Production Copier Dutside Repro Sel Postage & Freight Supplies Mileage Travel Expenses SPS Rental DUTSIDE SERVIC COMPAI	ssessment ervices t	st ••• QUANTITY	UNIT hr hr ea LS ea miles LS day	TOTA	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1.00 \$0.375 \$1.00 \$500.00	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES	\$0.00
DITHER DIRE (ITEM Communication Health & Safety Astronomication Copier Production Copier Dutside Repro Set Postage & Freight Supplies Mileage Travel Expenses SPS Rental DUTSIDE SERVIC COMPAI	ssessment rivices t CES (w/o fee)	st ••• QUANTITY	UNIT hr hr ea LS ea miles LS day	TOTA	### TOTAL ### UNIT COST \$1 10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$0.00
DITHER DIRE (ITEM Communication Health & Safety Astronomication Copier Production Copier Dutside Repro Set Postage & Freight Supplies Mileage Travel Expenses SPS Rental DUTSIDE SERVIC COMPAI	ssessment rivices t CES (w/o fee)	st ••• QUANTITY	UNIT hr hr ea LS ea miles LS day	TOTA	### TOTAL ### UNIT COST \$1 10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00	\$0.00
DVERHEAD @ DTHER DIRE [ITEM Communication Health & Safety Astronomy Computer Production Copier Dutside Repro Set Postage & Freight Supplies Mileage Fravel Expenses GPS Rental DUTSIDE SERVIC COMPAI	ssessment rivices t CES (w/o fee)	st ••• QUANTITY	UNIT hr hr hr ea LS ea miles LS day	TOTA	### TOTAL ### UNIT COST \$1 10 \$1.55 \$4.35 \$0.04 \$1.00 \$10,00 \$1	\$5,677.29 MULTIPLIERS AMOUNT CT EXPENSES TOTAL IDE SERVICES \$0.00	\$0.00

OMPANY:		SCOPE OF WO	RK			DATE:	REV:
CH2M HILL			/ED) Engineeri	ing & Manage	ement Tasks	11/17/2014	
ROJECT:						MILESTONE/PH/	ASE: Phase 1
						A. Project Adm	nistration/Project
Clinton Keith	h Road					Management	
DIRECT LA	BOR				10.61	419-	
	CLASSIFICATI	ON	HOURS		RATE	AMOUNT	
	Project Mana	ager	40	@	\$66,31	\$2,652.40	
		al Task Leader/	1		\$74.29		
	Senior Cons				\$74,29		
	Senior Geote				\$62.97		
	Geotech Eng				\$41.40		
		tural Engineer			\$71.85		
	Structural En	7			\$43.27		-
	-	way Engineer			\$53.24		-
	Engineer				\$50,22		-
	Junior Engin				\$32.74		
	Environment				\$51.32		-
	Assoc Plann	er			\$32,99		-
	CADD	10			\$42.71	1	-
	Graphics / G	15			\$35.24		-
	Contracts				\$54.06		
	Off: 101 :	-17 A 1 1			000 00		
	Office/ Cleric	al/ Admin			\$29,66		
MULTIPLIEI	Т	OTAL HOURS	40			DIRECT LABOR	\$2,652.40
	T RS		40 (Rate)			DIRECT LABOR	\$2,652.40
ESCALATIC	T RS DN @	OTAL HOURS		et Labor + Es	TOTAL		\$2,652.40
ESCALATIC	T RS DN @	OTAL HOURS	(Rate)	st Labor + Es	TOTAL I	\$0,00 \$3,027.98	\$2,652.40
ESCALATIC	T RS DN @	OTAL HOURS	(Rate)	t Labor + Es	TOTAL I	\$0,00	\$2,652.40 \$3,027.98
ESCALATIO OVERHEAD	T RS DN @	0.00% 114.16%	(Rate)	t Labor + Es	TOTAL I	\$0,00 \$3,027.98	
ESCALATIC OVERHEAD OTHER DIR	T RS DN @	0.00% 114.16% Actual Cost •••	(Rate) (of Total Direc	ot Labor + Esi	TOTAL I	\$0,00 \$3,027.98 MULTIPLIERS	
ESCALATIO OVERHEAD	T RS DN @	0.00% 114.16%	(Rate)	et Labor + Es	TOTAL I	\$0,00 \$3,027.98	
ESCALATIO OVERHEAD OTHER DIR	T RS DN @	0.00% 114.16% Actual Cost •••	(Rate) (of Total Direc		TOTAL I	\$0,00 \$3,027.98 MULTIPLIERS	\$3,027.98
ESCALATIO OVERHEAD OTHER DIR	T RS DN @	0.00% 114.16% Actual Cost •••	(Rate) (of Total Direc		TOTAL I	\$0,00 \$3,027.98 MULTIPLIERS	\$3,027.98
OVERHEAD OTHER DIR	T RS ON @ O @	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direc		TOTAL I	\$0,00 \$3,027.98 MULTIPLIERS	\$3,027.98
ESCALATIO OVERHEAD OTHER DIR ITEM OUTSIDE S	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of To	ТОТА	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,027.98
ESCALATIO OVERHEAD OTHER DIR ITEM OUTSIDE S	T RS ON @ O @	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direc	ТОТА	TOTAL I	\$0,00 \$3,027.98 MULTIPLIERS	\$3,027.98
ESCALATIO OVERHEAD OTHER DIR ITEM OUTSIDE S	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of To	ТОТА	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES	\$3,027.98
ESCALATIO OVERHEAD OTHER DIR ITEM OUTSIDE S	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of To	ТОТА	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE SI	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of To	ТОТА	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$3,027.98
OUTSIDE SI CO	TRS ON @ O @ EE Billed at A	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of T	TOTA PLIER	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO FEES	RS ON @ O @ EE Billed at A DERVICES (w/o	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direction of T	TOTA PLIER	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL IDE SERVICES	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE SI CO FEES	RS DN @ DM Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY 1 fee) LABOR	(Rate) (of Total Direction of T	TOTA PLIER (of Total Out	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL IDE SERVICES	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE S CO FEES OUTSIDE SI	RS DN @ DM Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY 1 fee) LABOR	(Rate) (of Total Direction of T	TOTA PLIER (of Total Out	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL IDE SERVICES \$0.00	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE S CO FEES OUTSIDE SI	RS DN @ DM Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY 1 fee) LABOR	(Rate) (of Total Direction of T	TOTA PLIER (of Total Out	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT ECT EXPENSES TOTAL IDE SERVICES \$0.00	\$3,027.98
OVERHEAD OTHER DIR ITEM OUTSIDE S CO FEES OUTSIDE SI	RS DN @ DM Billed at A ERVICES (w/o	OTAL HOURS 0.00% 114.16% Actual Cost ••• QUANTITY 1 fee) LABOR	(Rate) (of Total Direction of T	TOTA PLIER (of Total Out	TOTAL I calation) TOTAL UNIT COST AL OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0.00 \$3,027.98 MULTIPLIERS AMOUNT CCT EXPENSES TOTAL IDE SERVICES \$0.00	\$3,027.98

	SCOPE OF WO Phase 1 - (PA	RK /ED) Engineering	a & Manage	ement Tasks	DATE: 11/17/2014	REV:
OJECT:	1		, , ,		MILESTONE/PHA	SE: Phase 1
					B. Environment	
Clinton Keith Ro	oad				D. Environment	
DIRECT LABO	R					_
	SSIFICATION	HOURS		RATE	AMOUNT	
	roject Manager			\$66,31		
	nvironmental Task Leader/			\$74,29		
	enior Consultant			\$74.29		-
	enior Geotech	-		\$62.97		
	eotech Engineer			\$41,40		-
	enior Structural Engineer	-		\$71.85		-
	tructural Engineer	-		\$43.27		
	enior Roadway Engineer	-		\$53.24 \$50.22		-
	ngineer	-				
	unior Engineer nvironmental Planner	200	@	\$32.74 \$51.32	\$10,264.00	-
	ssoc Planner	200	@	\$32.99	\$10,204.00	-
	ADD	 	_			-
		72	6	\$42.71	¢9 E97 O0	
	raphics / GIS	72	@	\$35,24	\$2,537.28	-
	ontracts	1		\$54.06		
- 10	ffice/ Clerical/ Admin			\$29.66		1
	TOTAL HOURS	320		TOTAL	DIRECT LABOR	\$14,601.2
VERHEAD @	114_16%	(of Total Direct	Labor + Es	calation)	\$16,668,82	
				TOTAL	MULTIPLIEDE	
				TOTAL	. MULTIPLIERS	\$16,668.8
THER DIREC	H2M HILL QUANTITY	UNIT		UNIT COST	AMOUNT	\$16,668.8
ITEM	QUANTITY	UNIT hr				\$16,668.8
ITEM ommunication	QUANTITY	1		UNIT COST		\$16,668.8
ommunication lealth & Safety computer	QUANTITY Assessment	hr		UNIT COST \$1.10		\$16,668.8
ITEM communication lealth & Safety computer froduction Copi	QUANTITY Assessment er	hr hr hr ea		\$1.10 \$1.55 \$4.35 \$0.04		\$16,668.8
ITEM Communication lealth & Safety Computer Production Copi	QUANTITY Assessment er Services	hr hr hr		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00		\$16,668.8
Communication lealth & Safety computer roduction Copi outside Repro Sostage & Freig	QUANTITY Assessment er Services	hr hr hr ea LS ea		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00		\$16,668.8
Communication dealth & Safety Computer Production Copi Outside Repro \$ Costage & Freig	QUANTITY Assessment er Services	hr hr hr ea LS ea		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00		\$16,668.8
Communication dealth & Safety Computer Production Copi Outside Repro S Postage & Freig Supplies	Assessment er Services iht	hr hr hr ea LS ea ea miles		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375		\$16,668.8
communication leafth & Safety computer roduction Copioustide Repro Sostage & Freigupplies tileage ravel Expense:	Assessment er Services iht	hr hr hr ea LS ea ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00		\$16,668.8
ommunication cealth & Safety computer roduction Copi rutside Repro \$ ostage & Freig upplies lilleage ravel Expense:	Assessment der Services sht	hr hr hr ea LS ea ea miles		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375		\$16,668.8
ommunication cealth & Safety computer roduction Copi rutside Repro \$ ostage & Freig upplies lilleage ravel Expense:	Assessment der Services sht	hr hr hr ea LS ea ea miles LS	тотл	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375	AMOUNT	
communication leafth & Safety computer roduction Copi outside Repro \$ ostage & Freig upplies tileage ravel Expenses	Assessment er Services tht	hr hr hr ea LS ea ea miles LS	тотл	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$0,375 \$1,00	AMOUNT	
communication leafth & Safety computer roduction Copi dutside Repro \$ costage & Freig upplies filleage ravel Expense: PS Rental	Assessment er Services tht	hr hr ea LS ea ea miles LS day		\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$0,375 \$1,00	AMOUNT	
Communication lealth & Safety Computer Production Copi Dutside Repro \$ costage & Freig Supplies filleage ravel Expense:	Assessment er Services tht	hr hr hr ea LS ea ea miles LS		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	AMOUNT CT EXPENSES	\$16,668.8
communication leafth & Safety computer roduction Copi putside Repro S ostage & Freig upplies filieage ravel Expenses PS Rental	Assessment er Services tht	hr hr ea LS ea ea miles LS day		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$1.00 \$0.375 \$1.00	AMOUNT CT EXPENSES TOTAL	
communication lealth & Safety computer roduction Copi putside Repro \$ rostage & Freig dupplies filieage ravel Expenses SPS Rental	Assessment er Services tht	hr hr ea LS ea ea miles LS day		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$0.375 \$1.00	AMOUNT CT EXPENSES TOTAL	\$0.00
communication leafth & Safety computer roduction Copi putside Repro S ostage & Freig upplies filieage ravel Expenses PS Rental	Assessment er Services tht	hr hr ea LS ea ea miles LS day		\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$0.375 \$1.00	CT EXPENSES TOTAL \$6,500.00	\$0.00
communication lealth & Safety computer roduction Copi lutside Repro S ostage & Freig upplies dileage ravel Expense: PS Rental	Assessment er Services tht s //CES (w/o fee)	hr hr hr ea LS ea ea miles LS day	LIER	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00	CT EXPENSES TOTAL \$6,500.00 IDE SERVICES	\$0.00
communication lealth & Safety computer roduction Copi lutside Repro S ostage & Freig upplies dileage ravel Expense: PS Rental	Assessment er Services tht	hr hr hr ea LS ea ea miles LS day	LIER	\$1.10 \$1.55 \$4.35 \$0.04 \$1.00 \$10.00 \$0.375 \$1.00	CT EXPENSES TOTAL \$6,500.00	\$0.00
communication lealth & Safety computer roduction Copi lutside Repro S ostage & Freig upplies dileage ravel Expense: PS Rental	Assessment er Services sht //CES (w/o fee) //ANY LABOR	hr hr hr ea LS ea ea miles LS day	LIER of Total Out	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1,00 AL OTHER DIRE EXPENSES TOTAL OUTS	CT EXPENSES TOTAL \$6,500.00 IDE SERVICES	\$0.00
ommunication ealth & Safety computer roduction Copi dutside Repro S ostage & Freig upplies litelage ravel Expense: PS Rental UTSIDE SERV COMP ritigen	Assessment er Services sht //CES (w/o fee) //ANY LABOR	hr hr hr ea LS ea ea miles LS day	LIER of Total Out	\$1,10 \$1,55 \$4,35 \$0,04 \$1,00 \$10,00 \$1,00 \$0,375 \$1,00 AL OTHER DIRE EXPENSES TOTAL OUTS	CT EXPENSES TOTAL \$6,500.00 IDE SERVICES	

OMPANY:	SCOPE OF WO		a P Manag	amont Taolia	DATE: 11/17/2014	REV:
CH2M HILL ROJECT: Clinton Keith Road	Phase 2 - (Ps	6&E) Engineerin	ід & імапад	ement rasks	MILESTONE/PHASE: Phase 2 C. Project Administration/Project Management	
DIRECT LABOR						
CLASSIFICAT	TION	HOURS		RATE	AMOUNT	1
Project Mar	nager	100	@	\$66,31	\$6,631.00	
Environmen	ntal Task Leade			\$74.29		
Senior Cons	sultant			\$74.29		
Senior Geo	tech			\$62,97		
Geotech Er	ngineer			\$41,40		
	ctural Engineer			\$71.85		
Structural E	Ingineer			\$43.27		
	dway Engineer			\$53.24		
Engineer				\$50.22		
Junior Engi				\$32,74		1
	ntal Planner			\$51.32		1
Assoc Plani	ner			\$32.99		-
CADD	210			\$42.71		
Graphics / (\$35.24		
Technical E	ditor			\$37.50		-
Contracts				\$54.06		
						1
Office/ Cleri	otal Hours	100		\$29.66	DIRECT LABOR	\$6,631,00
Office/ Cleri	OTAL HOURS	100 (Rate)		\$29.66	DIRECT LABOR	\$6,631,00
Office/ Cleri	OTAL HOURS		Labor + Es	\$29.66 TOTAL [\$6,631.00
Office/ Cleri To MULTIPLIERS ESCALATION @	OTAL HOURS	(Rate)	Labor + Es	\$29.66 TOTAL E	\$0,00	
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at	0.00% 114.16% Actual Cost •••	(Rate) (of Total Direct	Labor + Es	\$29.66 TOTAL C calation) TOTAL	\$0,00 \$7,569.95 MULTIPLIERS	
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @	0.00% 114.16%	(Rate) (of Total Direct	Labor + Es	\$29.66 TOTAL E	\$0,00 \$7,569.95	
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at	0.00% 114.16% Actual Cost •••	(Rate) (of Total Direct		\$29.66 TOTAL C calation) TOTAL UNIT COST	\$0,00 \$7,569.95 MULTIPLIERS	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (wi	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL C calation) TOTAL UNIT COST	\$0,00 \$7,569.95 MULTIPLIERS	\$6,631,00 \$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (wi	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE EXPENSES	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (w/ COMPANY FEES	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE EXPENSES TOTAL OUTS	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (w/	0.00% 114.16% Actual Cost ••• QUANTITY	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE EXPENSES	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES TOTAL	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (w/ COMPANY FEES	0.00% 114.16% Actual Cost ••• QUANTITY Ofee) LABOR	(Rate) (of Total Direct	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES	\$7,569.95
Office/ Cleri To MULTIPLIERS ESCALATION @ OVERHEAD @ OTHER DIRE Billed at ITEM OUTSIDE SERVICES (W) COMPANY FEES OUTSIDE SERVICES AD	0.00% 114.16% Actual Cost ••• QUANTITY Ofee) LABOR	(Rate) (of Total Direct UNIT MULTIPI 2.00% (o	TOTAI	\$29.66 TOTAL E calation) TOTAL UNIT COST OTHER DIRE EXPENSES TOTAL OUTS side Services)	\$0,00 \$7,569.95 MULTIPLIERS AMOUNT CT EXPENSES TOTAL DE SERVICES \$0,00	\$7,569.95

OMPANY: CH2M HILL		SCOPE OF WO	ORK S&E) Engineer	ing & Mana	gement Tasks	DATE: 11/17/2014	REV:
OJECT: Clinton Keith Ro	oad	1111002 (110	ou_/ _ngmoon	ing a mana	99110112 13310	MILESTONE/PHA D. Engineering	ASE: Phase 2
DIRECT LABO	R						
	SSIFICATI	ON	HOURS		RATE	AMOUNT	1
Pr	oject Mana	ager			\$66,31		
		al Task Leade			\$74.29		
Se	enior Consi	ultant	60	@	\$74.29	\$4,457.40	
Se	enior Geote	ech			\$62.97		
Ge	eotech Eng	ineer			\$41.40		
		tural Engineer			\$71.85		
	ructural En				\$43.27		
		way Engineer	220	@	\$53.24	\$11,712.80	
	ngineer	, 3	340	@	\$50,22	\$17,074.80	
	inior Engin	eer		(5)	\$32.74		
	nvironment				\$51.32		
	ssoc Plann				\$32,99		
C/	ADD		360	@	\$42.71	\$15,375,60	
Gı	raphics / G	IS			\$35.24	, , , , ,	
	ontracts				\$54.06		
01	ffice/ Cleric	al/ Admin			\$29.66		
ESCALATION (0	0.00%	(Rate)			\$0.00	
OVERHEAD @		114-16%	(of Total Direc	t Labor + E	scalation)	\$55,505,28	
					TOTAL	MULTIPLIERS	\$55,505.2
THER DIRECT	H2M HILL	OHANTITY	LINUT		LINIT COST	AMOUNT	1
ITEM		QUANTITY	UNIT		UNIT COST	AMOUNT	I),
				TOTA	AL OTHER DIRE	CT EXPENSES	\$0.0
OUTSIDE SERV		fee)	MULTIF	PLIER	EXPENSES	TOTAL	
PL & Associate						\$12,800.00	
					TOTAL OUTS	IDE SERVICES	\$12,800.0
EES		W1555 5					T.
OUTSIDE SER\	/ICES ADN	MIN FEE @	2.00% (or Total Ou	tside Services)	\$256.00	
		10.00%	(of Total Direc	t Labor + To	otal Multipliers)	\$10,412.59	
CH2M HILL @							
CH2M HILL @						TOTAL FEES	\$10,668.59
CH2M HILL @						TOTAL COST	\$10,668.5 \$127,594.4

MPANY:		SCOPE OF WORK				DATE:	REV:
CH2M HILL		Phase 3 - Bid Support	<u> </u>			11/7/2014	1
OJECT:						MILESTONE/PHA	
Clinton Keith Road						E. Bid Support Task	
DIRECT LABOR							
CLA	SSIFICATION		HOURS		RATE	AMOUNT	
	t Manager		30	@	\$66.31	\$1,989,30	
		eader/Tech Specialist	75		\$74.29		
	Consultant		3		\$74_29		
	Geotech		2		\$62,97		
	ch Engineer				\$41_40		
	Structural Eng	ineer	*		\$71.85		
Structi	ural Engineer		-		\$43.27		
	Roadway Eng	neer	40	@	\$53.24	\$2,129.60	
Engine					\$50-22		
	Engineer				\$32.74		1
	nmental Planne	er	4		\$51.32		
	Planner				\$32.99		
CADD			20	@	\$42,71	\$854,20	
	ics / GIS		-		\$35,24		
	ical Editor		12		\$37.50		ł
Contra			-		\$54.06		
Office/	Clerical/ Admir	1			\$29,66		
MULTIPLIERS SCALATION @		0.00%	(Rate)			\$0.00	J'i
OVERHEAD @		114.16%	of Total Direct l	_abor + Es	calation)	\$5,677,29	
			`				
					TOTAL	. MULTIPLIERS	\$5,677,29
	HILL	QUANTITY	UNIT		UNIT COST	AMOUNT	
ITEM							\$0.00
				TOTA	I ATUED DIDE	OT EVDENCES	\$0.00
ITEM	10 W 9 G			TOTA	L OTHER DIRE	CT EXPENSES	7.
OUTSIDE SERVICE		LABOR	MULTIPI				1
ITEM		LABOR	MULTIPI		EXPENSES	TOTAL	
ITEM DUTSIDE SERVICE		LABOR	MULTIPI		EXPENSES		\$0.00
DUTSIDE SERVICE COMPANY		LABOR	MULTIPI		EXPENSES	TOTAL	\$0.00
ITEM DUTSIDE SERVICE	Y	1.0		IER	EXPENSES	TOTAL	\$0.00
OUTSIDE SERVICE COMPANY FEES DUTSIDE SERVICE	Y	@		IER f Total Outs	EXPENSES TOTAL OUTS side Services)	TOTAL IDE SERVICES	\$0.00
OUTSIDE SERVICE COMPANY FEES DUTSIDE SERVICE	Y	@	2.00% (o	IER f Total Outs	EXPENSES TOTAL OUTS side Services)	TOTAL IDE SERVICES \$0,00	
DUTSIDE SERVICE COMPAN'	Y	@	2.00% (o	IER f Total Outs	EXPENSES TOTAL OUTS side Services)	TOTAL IDE SERVICES \$0,00 \$1,065.04	\$0.00 \$1,065,04 \$11,715.43

ATTACHMENT B

POSITION OR CLASSIFICATION	MAXIMUM HOURLY RATE
PIC & Roadway QA/QC	\$111.89/hour
Project Manager	\$74.63/hour
Roadway Task Leader	\$59.92/hour
Sr. Roadway Engineer	\$90.82/hour
Roadway Engineer	\$57.20/hour
CADD	\$62.72/hour
Technical Editor	\$61.75/hour
Clerical	\$42.44/hour
Contracts	\$75.49/hour
Sr. Drainage Engineer	\$83.61/hour
Drainage Engineer	\$55.22/hour
Geotech QA/QC	\$125.49/hour
Sr. Geotech Engineer	\$94.66/hour
Geotech Engineer	\$81.60/hour
Structural QA/QC	\$87.01/hour
Sr. Structural Engineer	\$80.87/hour
Structural Engineer	\$48.70/hour
Environmental Task Lead	\$100.32/hour
Sr. Scientist	\$81.44/hour
Sr. Specialist	\$133.04/hour
Planner	\$57.76/hour
Jr. Planner	\$52.45/hour