Washington State Department of Transportation

Supplemental Agreement Number 4	Organization and Address WSP - USA Phone:	
Original Agreement Number CRP 2171C		
Project Number CRP 2171C	Execution Date 10/25/2022	Completion Date 6/30/2027
Project Title REYNOLDS AVENUE / HARRISON AVENUE CORRIDOR IMPROVEMENTS	New Maximum Amount Payable $6,051,981	

Description of Work

Change in Scope of Work requires additional funding in the amount of 840,019 for a new Maximum Amount Payable of $6,051,981.

The Local Agency of LEWIS COUNTY
desires to supplement the agreement entered in to with WSP-USA
and executed on 10/25/2022 and identified as Agreement No. N/A
All provisions in the basic agreement remain in effect except as expressly modified by this supplement.
The changes to the agreement are described as follows:

I

Section 1, SCOPE OF WORK, is hereby changed to read:
The Scope of Work is revised to document the cost to complete the Statement of Work remaining on the project for the CONSULTANT to deliver a final Ad Ready set of plans, specifications, and estimate (PS&E) package for Phase 1 (Harrison Avenue) improvements only as attached.

II

Section IV, TIME FOR BEGINNING AND COMPLETION, is amended to change the number of calendar days for completion of the work to read: No change in completion date.

III

Section V, PAYMENT, shall be amended as follows:
New maximum to be raised from $5,211,962 to $6,051,981.

as set forth in the attached Exhibit A, and by this reference made a part of this supplement.
If you concur with this supplement and agree to the changes as stated above, please sign in the Appropriate spaces below and return to this office for final action.

By: _____ By: Geoff Soderquist, Director Public Works

Consultant Signature

Approving Authority Signature

Date

DOT Form 140-063
Revised 09/2005

REYNOLDS AVENUE/HARRISON AVENUE CORRIDOR IMPROVEMENTS
SCOPE OF SERVICES - SUPPLEMENT 4

INTRODUCTION

The original Reynolds Avenue/Harrison Avenue Corridor Improvements agreement between Lewis County, the COUNTY, and the CONSULTANT, was fully executed October 25, 2022. The project was placed on HOLD by the COUNTY between June 1, 2023 and July 24, 2023, between December 1, 2023 and April 15, 2024, and between July 22, 2024 and August 23, 2024. The COUNTY has requested the CONSULTANT generate a new scope of work for the project. The previous Supplement 2 provided scope and budget to extend the work to June 30, 2025 and provide level of effort for some of the tasks listed below.

This supplement 4 serves to document the cost to complete the Statement of Work remaining on the project for the CONSULTANT to deliver a final Ad Ready set of plans, specifications, and estimate (PS&E) package for Phase 1 (Harrison Avenue) improvements only.

Any work remaining to complete the Phase 2 (Reynolds Avenue) portion of the original contract has been deleted. The required budget for each task, if decreased, will be transferred to Task 14, Right-of-Way, to cover the additional right-of-way costs required to perform services for Harrison Avenue. The Project Completion date remains June 30, 2027.

Project Description

The COUNTY and its project partners have crafted and refined a "Dig Once" approach to package six individual COUNTY and City of Centralia projects within the Harrison Avenue and Reynolds Avenue widening limits. The benefits brought by leveraging existing funding, realizing economies of scale, limiting construction-related traffic impacts to the public, and reducing construction duration and resultant cost escalation are indisputable.

The three projects, with their origin, are described as follows:

1. Ford's Prairie Interceptor – Planned City of Centralia Project
2. Harrison Water Main – Planned City of Centralia Project
3. Railroad At-Grade Crossing and Switch Replacement – Planned Project RR/COUNTY/City of Centralia/Washington State Department of Transportation (WSDOT)

WSP USA Inc., hereby referred to as CONSULTANT, will provide engineering design services to complete the work, together with their subconsultants, hereby referred to as SUBCONSULTANT(S), who will provide other design services as described in this scope of work under the direction of the CONSULTANT.

Work Breakdown Structure

To facilitate efficient project management, the following work breakdown structure is created.

Task 1.0 Project Management and Administration

Task 2.0	Public Involvement
Task 3.0	Data Collection
Task 4.0	Survey
Task 5.0	Environmental Services
Task 6.0	Geotechnical (Not Used)
Task 7.0	Traffic (Not Used)
Task 8.0	Roadway
Task 9.0	Storm Drainage
Task 10.0	Utilities
Task 11.0	Structures (Not Used)
Task 12.0	Fish Passage and Stream Restoration (Not Used)
Task 13.0	Plans, Specifications, and Estimates
Task 14.0	Right-of-Way

The estimated level of effort is based upon the assumptions and task descriptions provided below. Efforts to complete these tasks can vary from the effort assumed for the preparation of the level of effort shown in Exhibits D and E. The CONSULTANT will monitor requests for additional work and total costs expended under this agreement and will notify the COUNTY if funds need to be reallocated between tasks.

Design Standards and References

The following standards are added:

- Lewis County
- City of Centralia
- WSDOT
- AASHTO
- Washington Department of Fish and Wildlife
- U.S. Department of Transportation Federal Highway Administration, Manual on Uniform Traffic Control Devices
- American Railway Engineering and Maintenance-of-Way Association, 2023 Manual for Railway Engineering
- Union Pacific Railroad, Public Projects Manual

Software Requirements

The design shall be performed in AutoCAD Civil 3D 2020. The scheduling software to be used for the project will be Microsoft Project.

General Project Assumptions

The following list of project assumptions is included to confirm the understanding between the COUNTY and the CONSULTANT and will be used to guide the work. Additional assumptions related to individual technical disciplines are provided with each specific project task.

- The COUNTY and the CONSULTANT are the parties to this contract. While multiple agencies have interests in project elements, lines of communication and accountability flow through COUNTY representatives.

- The COUNTY will manage the coalition of project partners, including the distribution of deliverables and the collection of comments.
- Additional work requests made by project partners, project stakeholders, or third parties during the course of project development will be raised with COUNTY representatives, and approval received, in advance of performing any additional work.
- The COUNTY will provide the CONSULTANT with one set of consolidated review comments for each draft deliverable. The CONSULTANT will provide comment responses and incorporate the agreed-upon resolution into the final deliverable.
- The estimated level of effort is based upon the assumptions and task descriptions provided below. The level of effort is shown in Exhibits D and E.

PROJECT TASKS

1. Project Management and Administration (WSP and HDR)

1.1. General Project Administration

1.1.1 General Project Administration

1.1.1.1. Task Description

The CONSULTANT will coordinate, direct, and manage staff and SUBCONSULTANTS throughout the duration of the project.

1.1.1.2. Task Assumptions

- The CONSULTANT will provide a single point of contact (project manager) for project-related communication with the COUNTY.
- The CONSULTANT will prepare, approve, and administer SUBCONSULTANT agreements and perform ongoing SUBCONSULTANT coordination.
- The CONSULTANT will monitor and direct staff and SUBCONSULTANTS to adhere to project scope, schedule, and budget.
- The CONSULTANT will provide staff and SUBCONSULTANTS to adhere to project scope, schedule, and budget.
- The CONSULTANT will provide filing, retention of documents, and retention of electronic files consistent with COUNTY and CONSULTANT requirements.
- The CONSULTANT will provide quality assurance (QA) of quality control (QC) work done on the design in accordance with the project-specific Quality Management Plan.
- The CONSULTANT will provide project coordination for 56 weeks for project accounting.
- An additional 28 biweekly meetings for this task are required for this amendment from June 2026 to June 30, 2027.
- An additional 13 months of progress reports and invoices will be prepared for work completed between June 2026 and June 30, 2027.
- Project Closeout.

1.1.1.3. Task Deliverables

- None.

1.1.2 Meetings with COUNTY and Project Partners

1.1.2.1 Task Description

The CONSULTANT will facilitate two meetings per month with the COUNTY and project partners (as the COUNTY chooses). Meetings will be approximately 1 to 2 hours in duration and will be attended by an average of four CONSULTANT team members. At least half of these meetings will be remote through Microsoft Teams.

1.1.2.2 Task Assumptions

- Two meetings per month, 1 hour in duration for 13 months, to include two consultant team members with COUNTY and City staff.
- The CONSULTANT will prepare and distribute the meeting agendas in advance of meetings and a meeting summary following the meetings.

1.1.2.3 Work Products

- Twice-monthly meeting agendas and meeting summaries. These are not subject to the Quality Management Plan processes.

1.1.3. Consultant Team Meeting and Coordination

1.1.3.1. Task Description

The CONSULTANT will facilitate weekly internal project team coordination meetings for the purpose of information sharing, interdisciplinary coordination, and reporting progress.

1.1.3.2. Task Assumptions

- Meetings will be 1 hour in duration and attended by an average of 12 CONSULTANT team members. Meeting participants will include Project Manager, Deputy Project Manager, Roadway Lead, Stormwater Lead, Utility Leads (Water, Sewer, Power/Comms), Environmental Lead as a standing group and Fish Passage Lead, Structures Lead, Railroad Lead, Right-of-Way Lead, Geotechnical Lead, Survey Lead, Public Involvement Lead, and Traffic Lead on an as-needed basis.
- The CONSULTANT team meetings will be conducted virtually through Microsoft Teams.
- An additional 56 weeks of meetings are required for this supplement.
- An additional 28 biweekly meetings for this task are required for this amendment from June 2026 to June 30, 2027.

1.1.3.3. Work Products

- The CONSULTANT will prepare meeting notes and summaries and are available to the COUNTY upon request.

1.2. Progress Schedule and Updates

1.2.1 Task Description

The CONSULTANT will develop, maintain, monitor, update monthly, and if necessary, revise the schedule to reflect changes in project scope, schedule, budget, or contract duration as approved by the COUNTY. The schedule will include milestone dates for key activities and include review periods for both consultant QA/QC processes and review periods conducted by the COUNTY and other external reviewers.

1.2.2 Task Assumptions

- The CONSULTANT will prepare an initial CPM schedule using Microsoft Project software.
- The schedule for the project will follow the Work Breakdown Structure upon which this Scope of Work is created.
- The schedule will be updated monthly for a period of 13 months.
- Baseline schedule and monthly deliverables will be in PDF format. Native Microsoft Project files will be available upon request.

1.2.3 Task Deliverables

- Baseline CPM schedule
- Monthly schedule updates

1.3. Progress Reporting and Invoicing

1.3.1 Task Description

The CONSULTANT will prepare and submit monthly invoices, including a tabulation of hours expended, and monthly progress reports. Monthly progress reports will include a summary of current period activities, a look ahead to the next period's activities, and a summary of project issues, including any necessary corrective actions.

1.3.2 Task Assumptions

- Additional monthly invoices and progress reports are anticipated for a period of 13 months.
- Monthly invoices and progress reports will be submitted in PDF format.
- Monthly invoices and progress reports are anticipated for an additional 13 months of PM time for the overall project due to a change in project schedule to June 30, 2027 for project completion.

1.3.3 Task Deliverables

- Monthly invoices (additional 13 invoices)

- Monthly progress reports (additional 13 invoices)
  Amended Effort: Based on the cost to complete, the task budget for Task 1, Project Management, is decreased by $3,051.00 and transferred to Task 14, Right-of-Way. This task includes the remaining 13 monthly meetings through June 2027, thirteen (13) progress reports, and Project Closeout.

1.4. Project Management Plan

1.4.1 Task Description

The CONSULTANT will update the Project Management Plan (PMP), appropriate in scale for the project, for use by the project team. Three quarterly PMP updates.

2. Public Involvement

2.5. Open Houses

2.5.1. Task Description

One public open house is proposed to be held in person in Centralia at key milestones to inform and gather feedback from the public and project stakeholders. These sessions will include advanced notice via factsheet/mailers and website posts (Task 2.6). Stations will be arranged according to an agreed meeting plan, and generally to include welcome, existing conditions, design development, and comment box/refreshments. To ensure broad community awareness and feedback, the following project milestones are recommended:

Open House No. 2
90% Design Phase 1

The open house will include graphics and written exhibits (Task 2.6). Formal presentations are not anticipated. Rather, a series of one-on-one stations with several large presentation boards or roll maps (3 per station) will provide the basis for free movement of participants over a 3-hour open house period. They will be encouraged to sign in, and after providing comments to note takers, participants can stop for refreshments and fill out a comment card before exiting each open house. CONSULTANT will provide the advanced factsheet/mailer invite, online content for the COUNTY's website, meeting plans, materials list, exhibits, comment chart packs, and comment forms/box, as well as a summary for each open house.

The CONSULTANT will provide a comment card and comment box to obtain public comments and information at the public events. Each public comment will be transcribed into the stakeholder database/comments log.

2.5.2. Task Assumptions

- Open house attendance by up to 4 staff members (2)

COUNTY will provide per open house:

- One consolidated set of comments on each deliverable.
- Direct payment for venue, print, and mailing of factsheets.
- Posting of content on COUNTY website.
- Up to 2 COUNTY staff to help staff stations.
- Up to 1-hour setup and 1-hour takedown at the open house(s).
- Boards and communication materials will be created in other tasks.

2.5.3. Task Deliverables

- Meeting and materials plan (2)
- Open house comment card and box (1)
- Content for website comment form (1)
- Draft and final meeting summaries (2)

2.6. Communication Materials/Website

2.6.1. Task Description

The CONSULTANT will prepare text and provide the graphic layout for the Project factsheets and communications materials to use at public events, mailings, and to post online. The factsheet must provide a Project overview, map of Project limits, schedule, and contact information. The CONSULTANT will draft, design, and distribute the final newsletter and factsheet.

Project updates to be uploaded by the COUNTY to their web platform with the Project factsheet. Content developed by the CONSULTANT must include, but is not limited to, a Project overview and communication materials created in this task. The CONSULTANT will provide all content to the COUNTY for review prior to the COUNTY posting to their website.

Communication materials will include:

- Fact sheets/mailers (up to 3)
  - 1 to announce open houses
- Graphic Boards and maps:
  - Open Houses (7)

2.6.2. Task Assumptions

- COUNTY will maintain and post content on its website, and process comments as online comment box summaries semi-annually (3 times)
- COUNTY will provide consolidated comments on all draft products.
- COUNTY will pay print and mailing vendor directly.

2.6.3. Task Deliverables

- Up to 14 open house board or roll maps
- Factsheets/mailers (3)
- Content for website postings (3)

2.7. Translation of Communications Materials

2.7.1. Task Description

The CONSULTANT will translate the project factsheets, produced in Task 2.6, plus up to 2 factsheet updates, into 1 language chosen by the Agency.

2.7.2. Task Assumptions

- None.

2.7.3. Task Deliverables

- Draft of translated factsheets due as determined by the CEP; final no later than 10 business days from receipt of COUNTY comments.
- Up to 2 factsheet updates in a language chosen by COUNTY within 10 business days of COUNTY's request.

4. Professional Land Surveying and Mapping Services (One Atlas)

4.6. Legal Descriptions and Exhibits

4.6.1 Task Description

The CONSULTANT shall develop legal descriptions and exhibits in support of right-of-way acquisition as described in Task 14, and review of the legal descriptions and right-of-way exhibits and easements generated for the project.

4.6.2 Task Assumptions

- 85 right-of-way exhibits will be required (21 acquisitions)
- 85 legal descriptions will be required
- 64 Temporary Construction Easements
- Drainage easements or any other easements are not included
- Driveway permits do not require legal descriptions or exhibits

4.6.3 Task Deliverables

- 85 right-of-way exhibits
- 85 legal descriptions
- 64 Temporary Construction Easements

5. Environmental Services

Remove the following task as directed by the COUNTY.

5.4 Flood Plain Impacts/FEMA (HDR task)

Amended Effort: Task 5.4 has been removed in its entirety as requested by the COUNTY. The task budget for Task 5, Environmental Services, is decreased by $24,067.00 and transferred to Task 14, Right-of-Way.

6. Geotechnical (WSP)

This section is unchanged from the original Agreement.

7. Traffic (HDR)

The work included in Task 7.5 to be completed for Harrison Avenue only. As directed by the COUNTY, the Reynolds Avenue corridor has been removed from this Project. The task deliverables remaining for Tasks 7.5 are included below.

7.5 Task Deliverables (Harrison Avenue only)

- Ad Ready Signage Plans (pdf format) (Total of 20 Sheets)
- Ad Ready Signage Details (pdf format) (Total of 3 Sheets)
- Ad Ready Illumination Plans (pdf format) (Total of 13 Sheets)
- Ad Ready Illumination Details (pdf format) (Total of 1 Sheet)
- Ad Ready Project Specifications (pdf format)
- Final OPCC (pdf format)

Amended Effort: *The task budget for Task 7 is increased by $32,666.00 based on the cost to complete for this task for Ad Ready Plans, Specifications, and OPCC in June 2027. This increase is based on minor changes to the plans and specifications submitted to the County in February 2026 (99 percent bid set) prior to the design being put on hold until completion of right of way acquisition.*

8. Roadway (WSP)

8.6 Right-of-Way Plan Development

8.6.1. Right-of-Way Exhibits

8.6.1.1. Task Description

The CONSULTANT shall prepare exhibits that may aid in discussions between the property owner and the right-of-way acquisition agent.

8.6.1.2. Task Assumptions

- No additional rights-of-way will be required.
- COUNTY will notify property owner of dates for right-of-way survey.

8.6.1.3. Task Deliverables

- 85 Right-of-Way Exhibits and Legal Descriptions

9. Storm Drainage (HDR)

The scope included preparation of a Stormwater Site Plan and the preparation of the 60 and 90 percent and Ad Ready PS&Es for both Harrison and Reynolds. Supplement 3 for this project included storm drainage analysis and for adding a roundabout for Sandra Avenue and Harrison Avenue (Task 9.1), additional evaluation for water quality and flow control facilities within the existing right-of-way for both Harrison and Reynolds (Task 9.2), and completion of TESC plans for the entire project corridor for both Harrison and Reynolds (Task 9.3). As directed by the COUNTY, the Reynolds Avenue corridor has been removed from this Project. The task deliverables remaining for Tasks 9.1, 9.2, and 9.3 are included below.

Task Deliverables (Harrison Avenue Only)

- Ad Ready Stormwater Plan and Profile Sheets (pdf format) (Total of 22 Sheets)
- Ad Ready Stormwater Details (pdf format) (Total of 7 Sheets)
- Ad Ready Stormwater project specifications (pdf format)
- Ad Ready TESC Sheets (pdf format) (Total of 11 Sheets)
- Final OPCC. (pdf format)
- Final Stormwater Site Plan (pdf format)

Remove the following Task 9.4 in entirety as directed by the COUNTY:

9.4. Tributary Drainage Design (Offsite)

Remove the following Task 9.5 in entirety as directed by the COUNTY:

9.5. Stormwater Pump Station Design

Amended Effort: *The task budget for Task 9 is decreased by $78,439.00 to reconcile the change in project scope by removing Reynolds Avenue deliverables from this Project and removing Task 9.4 and Task 9.5 in their entirety. This reduction is based on minor changes to the plans and specifications submitted to the County in February 2026 (99 percent bid set) prior to the design being put on hold until completion of right of way acquisition. This amount will be transferred to Task 14, Right-of-Way. The remaining budget for Task 9 is based on the cost to complete for the remaining Ad Ready deliverables for Harrison Avenue only for Storm Drainage.*

10. Utilities (HDR)

10.1 Utility Coordination

10.1.1 Task Description

This activity is to provide support to the COUNTY for the purpose of coordinating with the local utility companies and staff to identify potential conflicts with proposed project infrastructures and for resolving those conflicts. This task includes identifying conflict locations and relocation/mitigation needs. This activity also includes assisting the COUNTY in development/review of Schedule 74 Agreements should undergrounding of overhead utilities be formally agreed to by utility purveyors and other undergrounding agreements as necessary for converting existing overhead utilities to underground utilities along Reynolds Avenue and Harrison Avenue.

10.1.2 Task Assumptions

- The COUNTY will submit or mail plans, cross sections and other support information to the respective utility companies as part of the coordination process for use in identifying conflict locations and follow-up meetings.
- The COUNTY will compile and provide all utility As-Built information to the CONSULTANT for use in project development and for assessing conflicts with existing private and public utilities within the project limits.
- The COUNTY will schedule all coordination meetings with utility providers. Two CONSULTANT staff will attend two utility coordination meetings at each stage of design.

10.1.3 Task Deliverables

None

10.2 Conflict Assessment/Resolution

As directed by the COUNTY, the Reynolds Avenue corridor has been removed from this Project. The task deliverables remaining for Task 10.2 are included below.

Task Deliverables (Harrison Avenue only)

- Kickoff Letter with Project Base Map - Existing Utility Locations
- Letter and 30% Plans Completion (PDF format) with Utility Conflict Matrix for COUNTY's submittal to utility companies
- Letter and 60% Plans Completion (PDF format) with Utility Conflict Matrix for COUNTY's submittal to utility companies
- Letter and 90% Plans Completion (PDF) with Utility Conflict Matrix or COUNTY's submittal to utility companies
- Letter and Ad Ready Plans (PDF format) for COUNTY's submittal to utility companies, including Concurrence Letter for Signature

10.3 Utility Design

As directed by the COUNTY, the Reynolds Avenue corridor has been removed from this Project. The task deliverables remaining for Task 10.3 are included below.

Task Deliverables (Harrison Avenue only)

- Ad Ready Waterline Plan and Profile sheets (PDF format) (Total of 13 sheets)
- Ad Ready Waterline Detail sheets (PDF format) (Total of 1 sheet)
- Ad Ready Waterline specific specifications to be included in the overall project specifications. (PDF format)
- Final OPCC (PDF format)

Remove the following Task 10.4 in entirety as directed by the COUNTY:

10.4 Railroad Design and Coordination

Amended Effort: The task budget for Task 10.1 increased by $12,056.00.00 for ongoing coordination efforts for the Ad Ready design in June 2027. The task budget for Task 10.2 decreased by $13,936.00 to reconcile the change in project scope by removing Reynolds

Avenue deliverables from this Project. The task budget for Task 10.3 decreased by $140,112.00 to reconcile the change in project scope by removing Reynolds Avenue deliverables from this Project. Task 10.4 was completely removed from the Project by the City/COUNTY for a reduction of $16,347.00. Budget from Tasks 10.2 and 10.3 will be moved to Task 10.1 to account for the additional costs in that task.

The total reduction in Task 10 budget is $158,339.00. This amount will be transferred to Task 14, Right-of-Way. *This reduction is based on minor changes to the plans and specifications submitted to the County in February 2026 (99 percent bid set) prior to the design being put on hold until completion of right of way acquisition.* The remaining budget for Task 10 is based on the cost to complete for the remaining Ad Ready deliverables for Harrison Avenue for Utility Design.

Consultant shall coordinate potholing of utilities at 30 locations.

13. Plans, Specifications, and Estimates (WSP and HDR)

Subtask 13.5 is modified as follows:

13.5 90% PS&E Deliverables

90% Plan List

Plan Sheets	***Revised No. of Sheets***
Cover Sheet	*1*
Sheet Index	*2*
General Notes, Legends, and Abbreviations	*1*
Roadway Sections	*4*
Survey Control and Alignment	*2*
Site Preparation	*22*
Roadway Plan and Profile	*28*
Drainage Plan and Profile	*19*
Miscellaneous Details	*1*
Sanitary Sewer Plans	*17*
Waterline Plan and Profile	*4*
Paving Plans	*11*
Intersection Plans	2
Roundabout Plan	*10*
Driveway Plan, Profile, and Details	*34*
Curb Ramp Details	*22*
Illumination Plans	*13*
Traffic Signal Plans	*1*
Utility Plans	*9*
Signing Plan	*15*
Channelization Plan	*16*
Right-of-Way Plans	*21*
Total	*250*

Additionally, Lewis County requested on 10/10/2025 that we break out quantities per sheet and at specified intervals. Previous supplements did not assume this additional effort.

Amended Effort: *HDR's portion of the task budget for Task 13, Plans, Specifications, and Estimates, has been completed in entirety per the original contract. The remaining budget of $615.00 will be transferred to Task 14, Right-of-Way.*

14. Right-of-Way (HDR)

Supplement 2 included Right-of-Way Services for the Reynolds Avenue/Harrison Avenue Corridor Improvements agreement. Amendment 3 did not include the full fee estimate to complete right of way and only included an allocated budget to begin the Right of Way services.

Supplement 3 includes Right-of-Way services and budget for Harrison Avenue only; this scope and fee combined with the previously approved Supplement 2 budget will be used to conduct right-of-way services for Harrison Avenue. Under Supplements 2 and 3, no work will be completed for Reynolds Avenue as directed by the County.

General Assumptions for Task 14 Work Elements

- CONSULTANT will follow the Uniform Relocation Act, WSDOT LAG manual guidelines, applicable State and local laws and COUNTY administrative rules for right-of-way acquisition for real estate services provided for this project.
- COUNTY will pre-approve real estate forms used for this project prior to CONSULTANT's use.
- COUNTY agrees to provide CONSULTANT with available project information, such as, but not limited to, the COUNTY's approved right-of-way procedures, environmental documentation, construction and right-of-way plans, and any pre-approved COUNTY right-of-way forms.
- Work elements identified in this task can be completed in a maximum of 12 months of availability of final right-of-way plans.
- CONSULTANT and COUNTY agree to establish clear lines of communication, determine and document the appropriate decision-making process to achieve project goals and to provide open access to available data that is pertinent to the project.

14.1 Task Management (PE)

14.1.1 Task Description

The CONSULTANT will provide overall task management for appraisal and real estate services, prepare a project guide and provide quality control and quality assurance for this project and attend right-of-way meetings.

CONSULTANT Services

- Prepare agendas and meeting summaries for meetings.
- Provide task management and QA/QC services required for this project.

COUNTY Responsibilities

- Review and approve meeting summaries.

14.1.2 Task Assumptions

- There will be one right-of-way kickoff meeting and a maximum of 12 monthly right-of-way status meetings.
- CONSULTANT will prepare and distribute a monthly right-of-way report in advance of monthly right-of-way status meetings.
- CONSULTANT will prepare agendas and circulate meeting summaries for review and approval within three days of completion of a meeting.
- CONSULTANT will have a minimum of one and a maximum of three staff attending scheduled right-of-way meetings.

14.1.3 Task Deliverables

- Monthly Right-of-Way Status Reports
- Meeting Agendas and Summaries

14.5. Valuation Process (Appraisal and Appraisal Review) (PE)

14.5.1. Task Description

CONSULTANT will provide valuation services for up to 70 parcels. As part of the valuation process, Administrative Offer Summary (AOS) or Appraisal reports will be prepared. CONSULTANT shall meet the requirements set forth in 49 CFR 24.103.

CONSULTANT will perform the following tasks:

- Prepare a schedule for delivery of AOS and Appraisal reports.
- Assemble needed valuation data and scope for each AOS and Appraisal assigned.
- Send out landowner contact letters to affected parcels in advance of the valuation, if needed.
- Deliver up to 65 AOS reports. Five (5) appraisal reports and 5 appraisal reviews.
- Prepare of Before and After appraisal reports for parcels identified for acquisition and supply completed reports to the appraisal reviewer.

COUNTY Responsibilities:

- Review and approve valuation schedule.
- Provide Right-of-Way Plans or Exhibits of appropriate detail to prepare appraisal reports.
- Provide signed Determination of Value for AOS and Appraisal reports.
- The CONSULTANT will manage appraisal staff to develop the expeditious schedule for delivery of appraisals.

14.5.2. Assumptions

- COUNTY shall provide information to CONSULTANT that is required to finalize the assigned appraisals.
- It is anticipated there will be a total of up to 65 parcel AOS reports. Five appraisal reports and 5 appraisal reviews.
- It is not anticipated but if it is determined that the acquisition value of any parcel is more than $35,000, or the valuation is determined to be complex in nature, an Appraisal is necessary, along with an appraisal review. This will add scope and additional fee will be required.
- COUNTY will approve the just compensation to be offered to each owner in a timely manner.
    - COUNTY will provide any available information to the CONSULTANT that is needed to complete the appraisals.
    - When appraisals are needed, the following applies:
        - Valuation services will be performed by a certified independent appraiser.
        - Appraisals will be before and after short form narrative appraisal reports.
        - NTP for the appraiser will be the date of receipt of adequate right of way plans or exhibits; title information; and landowner contact information.
        - The estimated delivery schedule for the appraisal reports and AOS documents is within 10 weeks from the date of NTP.
        - NTP for the review appraiser will be upon delivery of the appraisal report. Estimated delivery time is 30 days from NTP.

14.5.3. Deliverables

- Valuation memo on start and completion dates
- Administrative Offer Summary Reports
- Landowner contact letters, if applicable
- Appraisal Reports
- Appraisal Reviews

14.6. ROW Acquisitions and Negotiations (Non-PE)

14.6.1. Task Description

The CONSULTANT will prepare title encumbrance reports for each assigned parcel that require fee and permanent easements, prepare offer packages and provide legal descriptions (prepared in Task 4), present offers and negotiate acquisitions, prepare administrative settlement memos and condemnation packages, prepare executed documents for COUNTY approval, and process executed documents for a maximum of 70 parcels. At the end of the project acquisition files will be transmitted to the COUNTY with original documents.

CONSULTANT Services

- Prepare an acquisition schedule for parcels identified for acquisition.

- Prepare title encumbrance reports for each fee and permanent easement parcels.
- Prepare documents required for parcels identified for acquisition.
- Participate in legal description review and prepare QC redline of legal descriptions as part of Subtask 4.6.
- Act as the agent for COUNTY in negotiations inclusive of leases (tenants) and personal property.
- Provide justification in the negotiator's diary for settlement of up to $5,000.00 above the approved offering price.
- Prepare administrative settlement memos and condemnation packages as needed.
- Transmit completed files to COUNTY.

COUNTY Responsibilities

- Review and approve acquisition schedules.
- Prior to the beginning of negotiations, review and approve title encumbrance reports.
- Approve the format of documents and deeds used.
- Approve all administrative settlements in excess of $5,000.00 and condemnation packages.
- Manage escrow closing of acquisitions and clearing of encumbrances through title company.
- Make prompt payment to the owner or escrow company for approved acquisitions.
- Review and approve transmitted files.

14.6.2. Task Assumptions

- COUNTY will pay for the acquisition of any parcel to be acquired.
- COUNTY will approve acquisition forms prior to their use.
- The CONSULTANT will have settlement authority with justification of up to $5,000.00 over the approved offer for each individual parcel.
- Offers will be made in person or by certified mail. There will be a maximum of four substantive contacts by the CONSULTANT for each parcel assigned.
- A substantive contact will be considered either an in-person meeting with a landowner or a detailed phone or email conversation with a landowner followed by confirmation or request for action email or letter by the CONSULTANT.
- Negotiations will be deemed complete on a parcel if any of the following occur: The offer is rescinded; the parcel is forwarded to condemnation; documents are signed and recorded, and payments have been made.
- Fee acquisitions and permanent easement parcels shall be closed in escrow.

- COUNTY will be responsible for encumbrances to be cleared or accepted.

14.6.3. Task Deliverables

- Acquisition schedules
- Title encumbrance reports
- Completed Acquisition Documents
- Redline QC of Legal Descriptions, Survey Exhibits and Right-of-Way Plans
- Administrative Settlement Memos
- Completed acquisitions or condemnation packages
- Completed acquisition files
- PDF documents transmitted by email or shared folder

14.7. Relocation Services Prior to Acquisition of Property (PE)

14.7.1. Task Description

The CONSULTANT will advance the relocation plan, prepare anddevelop an appeals process and prepare relocation document templates for COUNTY approval.

CONSULTANT Services

- Prepare a relocation plan for COUNTY approval.
- Develop a written appeals process, to include a relocation review panel, and provide one staff member for the relocation review panel.
- Prepare relocation document templates.

COUNTY Responsibilities

- Review and approve the relocation plan.
- Review and approve the relocation appeals process and provide at least two COUNTY (or project partner) staff members to sit on the relocation review panel.
- Approve the format of documents used.

14.7.2. Task Assumptions

- One (1) draft and one (1) final version of the relocation plan and appeals process will be prepared.
- Relocation forms will be approved by the COUNTY prior to their use.
- There will be a maximum of one (1) residential relocation
- Relocation services will follow the Uniform Relocation Act and WSDOT LAG manual standards.

14.7.3. Task Deliverables

- Draft and Final Relocation Plan
- Final written appeals process

- Template Relocation Documents
-

14.8. Relocation Services during Acquisition of Property (Non-PE)

14.8.1. Task Description

The CONSULTANT will prepare and present relocation notices and benefit letters, provide relocation services, prepare and develop an appeals process and administer relocation reviews and appeals, and prepare executed documents for COUNTY approval and process relocation payments for up to one (1) residential relocation. At the end of the project, relocation files will be transmitted to the COUNTY with original documents.

CONSULTANT Services

- Prepare relocation documents.
- Act as the COUNTY's relocation agent for affected parcels.
- Administer relocation reviews and approvals.
- Process relocation payments
- Transmit completed files to COUNTY

COUNTY Responsibilities

- Review and authorize relocation payments in advance
- Make prompt payment to displaces for approved relocations
- Review and approve transmitted files

14.8.2. Task Assumptions

- There will be a maximum of one (1) residential relocation
- Relocation services will follow the Uniform Relocation Act and WSDOT LAG Manual standards

14.8.3. Task Deliverables

- Completed Relocation Files
- PDF documents transmitted by email or shared folder

14.9. Property Management (Optional)

If property management is required, additional scope and budget will be required.

14.10. Prepare Right-of-Way Certification Package (Non-PE)

14.10.1. Task Description

The CONSULTANT will prepare files for certification to the standards of the WSDOT LAG manual and prepare a certification memo for COUNTY. The completed files will be organized to facilitate easy review by the Local

Programs Agency (LPA) Reviewing Agent and the CONSULTANT will provide one Senior Agent to participate with the COUNTY during the certification review process.

CONSULTANT Services

- Prepare files for certification.
- Prepare certification memos.
- Participate in LPA certification reviews.

COUNTY Responsibilities

- Review files.
- Transmit final certification memo(s) to Highways and Local Programs.
- Participate in LPA certification reviews.

14.10.2. Task Assumptions

- If right-of-way acquisition is completed without the expenditure of federal funds, then no right-of-way certification will be required.
- A maximum of seventy (70) acquisition files shall be prepared for certification.
- There will be a maximum of two (2) certification memos prepared.
- There will be a maximum of four (4) certification review meetings of 2-hour duration each.

14.10.3. Task Deliverables

- Certification files
- Final Certification Memo(s)
- PDF documents transmitted by email or shared folder

14.11. Sandra Roundabout Prior to ROW Authorization (PE)

14.11.1. Task Description

The CONSULTANT will prepare title encumbrance reports for each assigned parcel that are fee acquisitions.

CONSULTANT Services

- Prepare an acquisition schedule for parcels identified for acquisition.
- Prepare title encumbrance reports for each fee and permanent easement parcel.
- Prepare document templates.

COUNTY Responsibilities

- Review and approve acquisition schedules.
- Prior to the beginning of negotiations, review and approve title encumbrance reports.
- Approve the format of documents and deeds used.

14.11.2. Task Assumptions

- COUNTY will approve acquisition schedules.
- COUNTY will approve title encumbrance reports.
- COUNTY will approve acquisition forms prior to their use.

14.11.3. Task Deliverables

- Acquisition schedules
- Title encumbrance reports
- Acquisition document templates
-

14.12. Sandra Roundabout During Acquisition of Property (Non-PE)

14.12.1. Task Description

The CONSULTANT will prepare offer packages and provide legal descriptions (prepared in Task 4), present offers and negotiate acquisitions, prepare administrative settlement memos and condemnation packages, prepare executed documents for COUNTY approval, and process executed documents for a maximum of six (6) parcels. At the end of the project acquisition files will be transmitted to the COUNTY with original documents.

CONSULTANT Services

- Prepare an acquisition schedule for parcels identified for acquisition.
- Participate in legal description review and prepare QC redline of legal descriptions.
- Act as the agent for COUNTY in negotiations inclusive of leases (tenants) and personal property.
- Provide justification in the negotiator's diary for settlement of up to $5,000.00 above the approved offering price.
- Prepare administrative settlement memos and condemnation packages as needed.
- Transmit completed files to COUNTY.

COUNTY Responsibilities

- Approve administrative settlements in excess of $5,000.00 and condemnation packages. These will require BOCC and acceptance by Local Programs if and when certification is required.
- Manage escrow closing of acquisitions and clearing of encumbrances through title company.
- Make prompt payment to the owner or escrow company for approved acquisitions.
- Review and approve transmitted files.

14.12.2. Task Assumptions

- COUNTY will pay for the acquisition of parcels to be acquired
- The CONSULTANT will have settlement authority with justification of up to $5,000.00 over the approved offer for each individual parcel.
- Offers will be made in person or by certified mail. There will be a maximum of four (4) substantive contacts by the CONSULTANT for each parcel assigned.
- A substantive contact will be considered either an in-person meeting with a landowner or a detailed phone or email conversation with a landowner followed by a confirmation or request for action email or letter by the CONSULTANT.
- Negotiations will be deemed final on a parcel if the following occur: The offer is rescinded; the parcel is forwarded to condemnation; documents are signed and recorded, and payments have been made.
- Fee acquisitions and permanent easement parcels shall be closed in escrow.
- COUNTY will be responsible for encumbrances to be cleared or accepted.

14.12.3. Task Deliverables

- Completed acquisition documents
- Redline QC of Legal Descriptions, Survey Exhibits and Right-of-Way Plans
- Administrative Settlement Memos.
- Completed acquisitions or condemnation packages.
- Completed acquisition files.
- PDF documents transmitted by email or shared folder

Amended Effort: The task budget for Task 14 increased by $421,339.00 for this Supplement 3.

Analysis of Costs - WSP USA Inc.

DIRECT SALARY COST (DSC)

Personnel	Hours		Pay Rate		Cost
Director	422	$	121.11	$	51,108
Sr. Director	-	$	98.17	$	-
Sr. Director	29	$	119.09	$	3,454
Sr. Lead Engineer	-	$	69.38	$	-
Sr. Lead Engineer	-	$	85.34	$	-
Sr. Lead Engineer	32	$	85.82	$	2,746
Lead Engineer	28	$	69.25	$	1,939
Lead Engineer	-	$	60.27	$	-
Sr. Consultant Engineer	193	$	70.70	$	13,645
Consultant Engineer	-	$	54.78	$	-
Associate Engineer	-	$	41.71	$	-
Associate Engineer	120	$	53.74	$	6,449
Sr. Intern	(10)	$	24.50	$	(245)
Planner/PI Specialist	33	$	60.02	$	1,981
Project Accountant	138	$	55.88	$	7,711
Resident Engineer	42	$	91.92	$	3,861
CAD Technician	-	$	51.68	$	-
CAD Technician	318	$	65.20	$	20,734
Sr. Landscape Architect	-	$	62.02	$	-
Sr. Landscape Architect	-	$	80.72	$	-
Direct Salary Cost Total	1,345			$	113,383
Salary Escalation	5%			$	5,669
Overhead Cost	139%		of DSC	$	165,482
Net Fee	30%		of DSC	$	35,715
			SUBTOTAL	$	320,249

DIRECT EXPENSES

Reimbursables	Units	Qty		Cost/Unit		Cost
Project Management Expenses						
Mileage	Miles	300	$	0.73	$	218
Postage	Each	5	$	25.00	$	125
Public Involvement Expenses						
Mileage	Miles	1,680	$	0.73	$	1,218
Translation (Factsheets)	Each	6	$	250.00	$	1,500
Potholing	Each	30	$	2,000.00	$	60,000
				SUBTOTAL	$	63,061
WSP SUBTOTAL				**SUBTOTAL**	$	383,309

Subconsultants		
Atlas Geomatics	$	-
Aqua Terra Cultural Resource Consultants	$	-

HDR	$	456,709
SUBCONSULTANTS SUBTOTAL	$	456,709
GRAND TOTAL	$	840,019

WSP USA Inc.

	Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
		Ross French	Karissa Kawamoto	Shanti Brennon Scott Bucklin	Rachel Bassil Shane Miller	James Ellis	Ruby Mohammadi	Brendan Busi	Austin Dennis	Kyle Gray	Casey Urban Kayla Campbell	Armesh Kent Andrea Matson	Konnor Bandley James Anderson	Luis Madora-Rivas	April Ryckman Jessie Jones	Andre Reese	Shawna Lenn	Anthony O'Donnell	John Reyes	Kristina Kotlarsky	Dan Wojtala		
		$ 342.08	$ 277.28	$ 336.37	$ 195.96	$ 241.04	$ 242.40	$ 195.60	$ 170.23	$ 199.69	$ 154.73	$ 117.81	$ 151.79	$ 69.20	$ 169.53	$ 157.83	$ 259.63	$ 145.97	$ 184.16	$ 175.18	$ 227.99		
Scope Description																							
Task 1 - Project Management and Administration																							
1.1	Project Meetings																						
1.1.1	General Project Administration (PM 4 hr/wk, PA 2 hrs/wk)	224														112						336	
1.1.2	Meetings with Lewis County/Project Partners (mtg + 1 hr prep)	56								28												84	
1.1.3	Consultant Team Meeting and Coordination	56					28	28		56												168	
	Subtotal	*336*	*0*	*0*	*0*	*0*	*28*	*28*	*0*	*84*	*0*	*0*	*0*	*0*	*0*	*112*	*0*	*0*	*0*	*0*	*0*	*588*	*$ 161,653*
1.2	Progress Schedule and Updates																						
	Restart Schedule																					0	
	Monthly Schedule Updates (13)	13								26							26					65	
	Subtotal	*13*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*26*	*0*	*0*	*0*	*0*	*0*	*0*	*26*	*0*	*0*	*0*	*0*	*65*	*$ 16,389*
1.3	Progress Reporting and Invoicing																						
	Monthly Progress Reports (13)	13														13						26	
	Monthly Invoices (13)	13														13						26	
	Subtotal	*26*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*26*	*0*	*0*	*0*	*0*	*0*	*52*	*$ 12,998*
1.4	Project Management Plan																						
	Project Management Plan Updates	9																				9	
	Subtotal	*9*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*9*	*$ 3,079*
1.5	Project Kickoff Meeting																						
	Second Project Kickoff Meeting Prep/Summary																					0	
	Remobilization																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
1.6	Project Closeout																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	TASK HOURS	**384**	**0**	**0**	**0**	**0**	**28**	**28**	**0**	**110**	**0**	**0**	**0**	**0**	**0**	**138**	**26**	**0**	**0**	**0**	**0**	**714**	**$ 194,118**
	TASK COST	**$ 131,357**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 6,787**	**$ 5,477**	**$ -**	**$ 21,966**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 21,781**	**$ 6,750**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 194,118**	
Task 2 - Public Involvement																							
2.5	Open Houses (1 @ 3 hrs + 1 hr setup 1 hr takedown w/ 5 WSP, 2 county)																						
	Open House Preparation and Follow-up (Meeting Plans, Comment Ca	4		8											8							20	
	Open House Attendance	5		5						5					5							20	
	Subtotal	*9*	*0*	*13*	*0*	*0*	*0*	*0*	*0*	*5*	*0*	*0*	*0*	*0*	*13*	*0*	*0*	*0*	*0*			*40*	*$ 10,654*
2.6	Communication Materials (Fact Sheets, Mailers, 7 boards)	2		8						8					32							50	
	Subtotal	*2*	*0*	*8*	*0*	*0*	*0*	*0*	*0*	*8*	*0*	*0*	*0*	*0*	*32*	*0*	*0*	*0*	*0*			*50*	*$ 10,397*
2.7	Translation of Communications Materials			8											8							16	
	Subtotal	*0*	*0*	*8*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*8*	*0*	*0*	*0*	*0*			*16*	*$ 4,047*
	TASK HOURS	**11**	**0**	**29**	**0**	**0**	**0**	**0**	**0**	**13**	**0**	**0**	**0**	**0**	**53**	**0**	**0**	**0**	**0**			**106**	**$ 25,098**
	TASK COST	**$ 3,763**	**$ -**	**$ 9,755**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 2,596**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 8,985**	**$ -**	**$ -**	**$ -**	**$ -**			**$ 25,098**	
Task 3 - Data Collection																							
3.1	Collect/Review Existing Data																						
	Document Requests																					0	
	Field Visits (4 staff x 2 visits x 4 hrs)																					0	
	Document Review																					0	
	Subtotal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	*$ -*
	TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**			**0**	**$ -**
	TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**			**$ -**	

	Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
Task 4 - Survey																							
4.6	Office Processing and Deliverables																						
	85 Right-of-Way Exhibits																		22			22	
	85 Legal Descriptions																		104			104	
	64 Temporary Construction Easements																		20			20	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*146*	*0*	*0*	*146*	*$ 26,887*
	TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**146**	**0**	**0**	**146**	**$ 26,887**
	TASK COST	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 26,887	$ -	$ -	$ 26,887	
Task 5 - Environmental Services																							
5.8	NEPA Categorical Exclusion																						
	Draft and Final NEPA CE Checklist and EJ Memorandum																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
5.9	Supplemental Wetland Fieldwork and Report Update																						
	Draft and Final Wetland Delineation Amended Report	-2	-8											-10	-20							-40	
	Subtotal	*-2*	*-8*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*-10*	*-20*	*0*	*0*	*0*	*0*	*0*	*0*	*-40*	*$ (6,985)*
5.10	Supplemental Cultural Resource Services																						
	Supplemental Cultural Resource Services	2	8																			10	
	Subtotal	*2*	*8*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*10*	*$ 2,902*
5.11	Phase II Environmental Site Assessment																						
	Coordination, H&S, Field Preparation																					0	
	Field Sampling and Investigation Derived Waste																					0	
	Phase II ESA Data Analysis and Reporting																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**-10**	**-20**	**0**	**0**	**0**	**0**	**0**	**0**	**-30**	**$ (4,083)**
	TASK COST	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ (692)	$ (3,391)	$ -	$ -	$ -	$ -	$ -	$ -	$ (4,083)	
Task 6 - Geotechnical																							
6.1	Geotechnical Exploration and Analysis																						
	Boring Markout (includes 2.5 hours of travel time each way)																					0	
	Travel Time for boreholes and MW wells ((2.5 hours per person each way))																					0	
	Travel time for percolation testing (2.5 hours per person each way)																					0	
	Utility clearance using GPR																					0	
	Borehole logging																					0	
	Percolation Testing																					0	
	Borehole log prep																					0	
	Borehole log review																					0	
	Sample review and lab assignment																					0	
	Process infiltration and groundwater data																					0	
	Develop prelim infiltration recs																					0	
	Prelim liquefaction assessment for Coffee Creek bridge																					0	
	Coordination with WSP Structural engineer for bridge design; provide prelim recs																					0	
	Develop figures for boring locations																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
6.2	Geotechnical Recommendations																						
	Geotechnical Analyses (including borehole database, interp and CADD drawings)																					0	
	Draft Geotechnical Report																					0	
	Draft Hydraulic conductivity analysis and memo - report appendix																					0	
	Draft GPR analysis and memo - report appendix																					0	
	QC (~10% of hours)																					0	
																						0	
	Final Geotechnical Report																					0	
	Final Hydraulic conductivity analysis and memo - report appendix																					0	
	Final GPR analysis and memo - report appendix																					0	
	QC (~10% of hours)																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*

		Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**
		TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	
Task 7 - Traffic																								
7.5		Traffic Design																					0	
		Draft and Final Illumination Memo with Light Level Exhibits																					0	
		90%, and Ad-Ready Striping Plans (PDF format)																					0	
		90%, and Ad-Ready Traffic Signal Plans (PDF format)																					0	
		90%, and Ad-Ready Illumination Plans, Estimate, and Special Provisions (PDF format)																						
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**
		TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	
Task 8 - Roadway																								
8.2		Roadway Design and Modeling																					0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
8.4		Construction Staging and MOT	0								0			0	0			0		0			0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
8.6		Right-of-Way Plan Development																						
	8.6.2	Right-of-Way Plans																					0	
		Draft ROW Plans																					0	
		Final ROW Plans																					0	
		ROW Plan Revisions																						
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	8.6.3	Right-of-Way Exhibits (Assume 85)	25								50									100			175	
		Subtotal	*25*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*50*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*100*	*0*	*0*	*175*	*$ 36,952*
		TASK HOURS	**25**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**50**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**100**	**0**	**0**	**175**	**$ 36,952**
		TASK COST	**$ 8,552**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 9,985**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 18,416**	**$ -**	**$ -**	**36,952**	
Task 9 - Storm Drainage																								
9.2		Stormwater Analysis																					0	
		Draft and Final Technical Memorandum (PDF format)																					0	
		Meeting Notes (PDF format)																						
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
9.3		TESC Plans																					0	
		60%, 90%, and Ad-Ready TESC Sheets (PDF format)																					0	
		60%, 90%, and Ad-Ready TESC Detail Sheets (PDF format)																					0	
		60%, 90%, and Ad-Ready TESC-specific Specifications (PDF format)																					0	
		60%, 90%, and Ad-Ready OPCC (PDF format)																						
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
9.4		Tributary Drainage Design (Offsite)																					0	
		Draft and Final Technical Memorandum (PDF format)																					0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
9.5		Stormwater Pump Station																						
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**
		TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	
Task 10 - Utilities																								
10.1		Utility Coordination	2								4												6	
		Subtotal	*2*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*4*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6*	*$ 1,483*
10.3		Utility Design																						
	10.3.1	Water Main																					0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	10.3.2	Sanitary Sewer																					0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	10.3.3	Joint Utility Trench																					0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*

		Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
10.4		Railroad Design and Coordination																						
	10.4.1	Railroad Coordination																					0	
		Right of Entry Agreement																					0	
		Diagnostic Meeting Minutes																					0	
		Three (3) Draft Petitions																					0	
		Draft CMA (by PSAP GEC Contractor)																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	10.4.2	Railroad Signal Design																					0	
		Top of Rail Survey for Each Crossing																					0	
		Draft Crossing Modification Exhibits																					0	
		Final Crossing Modification Exhibits																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
	10.4.3	Railroad ROW Support																					0	
		Crossing Easement Documents																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
			TASK HOURS	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	***$ 1,483***
			TASK COST	**$ 684**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 799**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**1,483**	
Task 11 - Structures																								
11.1		Structures Coordination																					0	
		Geotechnical Coordination																					0	
		Roadway/Civil Coordination																					0	
		Hydraulic (Stream) Coordination																					0	
		Design Coordination Meetings																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	***$ -***
11.2		Structures Alternative Memorandum																					0	
		Draft Structural Alternative Memorandum																					0	
		Structural Alternative Review/Selection Meeting																					0	
		Final Structural Alternative Memorandum																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	***$ -***
11.3		Structures Coordination																						
	11.3.1	60% PS&E Development																						
		Final Geometric Analysis																					0	
		Initial Lateral Analysis																					0	
		Initial Vertical Analysis																					0	
		Initial Wingwall Design																					0	
		Retaining Wall Design																					0	
		60% Structural Plans																					0	
		60% Cost Estimate																					0	
		Structural Special Provision Outline																					0	
	11.3.2	90% PS&E Development																						
		Final Lateral Analysis																					0	
		Final Vertical Analysis																					0	
		Final Wingwall Design																					0	
		Retaining Wall Design																					0	
		90% Structural Plans																					0	
		90% Cost Estimate																					0	
		90% Structural Special Provisions																					0	
	11.3.3	AD Ready PS&E Development																						
		Finalize Design																					0	
		AD Ready Structural Plans																					0	
		AD Ready Cost Estimate																					0	
		AD Ready Structural Special Provisions																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	***$ -***
			TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	***$ -***
			TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	
Task 12 - Fish Passage & Stream Restoration																								
12.0		Task Management																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*
12.1		Field Work and Research																					0	
			Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*$ -*

		Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
12.2	Hydrology and Hydraulic Modeling																							
	Existing Hydrology																						0	
	Proposed Hydrology																						0	
	HEC-RAS Model - Existing																						0	
	HEC-RAS Model - Proposed																						0	
	Scour Analysis / Stream Migration																						0	
	Streambed Material Sizing																						0	
	Floodplain Permit Support																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
12.3	Fish Passage Design																							
	30% Design																						0	
	60% Design																						0	
	90% Design																						0	
	Ad Ready Design Plans																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
12.4	Hydraulic Report																							
	Bankfull Width Memo																						0	
	Draft Hydraulic Design Report																						0	
	Final Hydraulic Design Report																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
12.5	Landscape Architecture Design																							
	60% Design																						0	
	90% Design																						0	
	Ad Ready Design Plans																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**
		TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**-**	
Task 13 - Plans, Specifications and Estimates																								
13.4	60% PS&E																							
	Plan sheet compilation																						0	
	Specifications Compilation																						0	
	Estimate Compilation																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	0
13.5	90% PS&E																							
	Plan sheet compilation																						0	
	Specifications Compilation																						0	
	Estimate Compilation							*4*			*16*			*120*				*16*		*72*			228	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*4*	*0*	*0*	*16*	*0*	*0*	*120*	*0*	*0*	*0*	*16*	*0*	*72*	*0*	*0*	*228*	*$ 39,793*
13.6	Ad-Ready PS&E																							
	Plan sheet compliation																						0	
	Specifications Compliation																						0	
	Estimate Compilation																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
13.7	Advertisement and Bidding																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**16**	**0**	**0**	**120**	**0**	**0**	**0**	**16**	**0**	**72**	**0**	**0**	**228**	**$ 39,793**
		TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**970**	**$ -**	**$ -**	**$ 3,195**	**$ -**	**$ -**	**$ 18,215**	**$ -**	**$ -**	**$ -**	**$ 4,154**	**$ -**	**$ 13,259**	**$ -**	**$ -**	**39,793**	
Task 14 - Right-of-Way																								
14.1	Task Management																							
	Monthly Right-of-Way Status Reports																						0	
	Meeting Agendas and Summaries																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.2	Pre-Acquisition and Data Management																							
	Documentation of Early Landowner Contact Meetings																						0	
	Right of Entry Dcouments and Signed Agreements																						0	
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -

	Classification	Director	Sr. Director	Sr. Director	Sr. Lead Engineer	Sr. Lead Engineer	Sr. Lead Engineer	Lead Engineer	Lead Engineer	Sr. Consultant Engineer	Consultant Engineer	Associate Engineer	Associate Engineer	Sr. Intern	Planner/PI Specialist	Project Accountant	Resident Engineer	CAD Technician	CAD Technician	Sr. Landscape Architect	Sr. Landscape Architect	HOURS	COST
14.3	Relocation Plan (Optional)																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.4	Preliminary and Final Project Funding Estimates and Administrative Offer Summaries																						
	RFE Spreadsheets and Worksheets																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.5	Appraisal, Appraisal Review and Appraisal Management																					0	
	Appraisal Delivery Schedule																					0	
	Valuation Schedule																					0	
	Administrative Offer Summary Reports																					0	
	Landowner Contact Letters																					0	
	Appraisal Reports																					0	
	Appraisal Reviews																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.6	ROW Acquisitions and Negotiations																					0	
	Acquisition Schedules																					0	
	Title Encumbrance Reports																					0	
	Completd Acquisition Documents																					0	
	Redline QC of Legal Descriptions, Survey Exhibits, and R/W Plans																					0	
	Administrative Settlement Memos																					0	
	Completed Acquisitions or Condemnation Packages																					0	
	Completed Acquisition Files																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.7	Relocation Services (Optional)																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.8	Property Management (Optional)																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
14.9	Prepare ROW Certification Package																						
	Certification Files																					0	
	Final Certification Memo(s)																					0	
	Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	$ -
	TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**$ -**
	TASK COST	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	
Task 15 - Construction Management Support																							
Task 16 - Grant Funding Preparation																							
	TOTAL HOURS	**422**	**0**	**29**	**0**	**0**	**32**	**28**	**0**	**193**	**0**	**0**	**120**	**-10**	**33**	**138**	**42**	**0**	**318**	**0**	**0**	**1345**	***$ 320,249***
	TOTAL COST	**$ 144,356**	**$ -**	**$ 9,755**	**$ -**	**$ -**	**$ 7,757**	**$ 5,477**	**$ -**	**$ 38,541**	**$ -**	**$ -**	**$ 18,215**	**$ (692)**	**$ 5,594**	**$ 21,781**	**$ 10,904**	**$ -**	**$ 58,562**	**$ -**	**$ -**	**$ 320,249**	

Analysis of Costs - HDR

Labor Cost

Staff Name	Title	Hours	Blended Escalated Billing Rate	Cost
Johnson, Ty M	Project Manager	28	$ 320.35	$ 8,969.80
Hill, Tracy	Project Accountant	24	$ 153.41	$ 3,681.84
Kuhns, David W Jr.	Project Engineer	0	$ 242.46	$ -
Starling, Jonathan M (Michael)	Utilities	6	$ 340.38	$ 2,042.28
Roderick, Andy P	Real Estate	225	$ 274.78	$ 61,825.50
Pauly, Sarah C	Real Estate	196	$ 167.90	$ 32,908.40
Gould, Paul F	Real Estate	55	$ 230.05	$ 12,652.75
Cooper, Tracy A	Real Estate Agent	20	$ 226.05	$ 4,521.00
Acevedo, Robert C	Sr. Traffic Engineer	16	$ 336.38	$ 5,382.08
Willis, Lynn K	Real Estate Agent	310	$ 179.62	$ 55,682.20
Evans, Stephen (Steve)	Sr. Real Estate Services Project Manager	50	$ 193.38	$ 9,669.00
Jacobsen, Robert William (Bob)	Pump Stations Lead	0	$ 337.79	$ -
Kendall, Dennis J Jr	BIM Specialist	35	$ 196.54	$ 6,878.90
Rana, Bivek	Water/Wastewater EIT	0	$ 148.19	$ -
Pi, Jake Sung Joon	Sr. Traffic Engineer	48	$ 248.26	$ 11,916.48
Burk, Natalie Grace	Water EIT	0	$ 134.37	$ -
Anderson, Mark D	Senior Electrical Engineer	249	$ 264.38	$ 65,830.62
DeLashmutt, Zachary Kryn	Real Estate Services Agent 2	214	$ 144.80	$ 30,987.20
Napiorkowski, Tomasz William (Tom)	Traffic Designer	48	$ 193.31	$ 9,278.88
Labor Cost Total		**1524**		**$ 322,227**
			SUBTOTAL	**$ 322,227**

DIRECT EXPENSES

Reimbursables	Units	Cost/Unit	Cost
CBRE (T14)	1	$ 122,000.00	$ 122,000.00
Duncan Associates (T14)	1	$ 4,000.00	$ 4,000.00
Mileage (T14)	7000	$ 0.73	$ 5,075.00
Printing B&W (T14)	9196	$ 0.05	$ 459.80
Printing Color (T14)	1995	$ 0.45	$ 897.75
Mailing (T14)	82	25	$ 2,050.00
		SUBTOTAL	**$ 134,482.55**
HDR TOTAL		**TOTAL**	**$ 456,709**

		HDR	Johnson, Ty M	Hill, Tracy	Kohns, David W Jr.	Starling, Jonathan M (Michael)	Roderick, Andy P	Pauly, Sarah C	Anderson, Mark D	Jacobsen, Robert William (Bob)	DeLashmutt, Zachary Kryn	Gould, Paul F	Cooper, Tracy A	Acevedo, Robert C	Wilks, Lynn K	Evans, Stephen (Steve)	Kendall, Dennis J Jr	Rana, Vivek	Pi, Jake Sung Joon	Burk, Natalie Grace	Napierkowski, Tomasz William (Tom)	
		Classification	Project Manager	Project Accountant	Project Engineer	Utilities	Real Estate	Real Estate	Sr. Electrical Engineer	Pump Stations Lead	Real Estate Services Agent 2	Real Estate	Real Estate Agent	Sr. Traffic Engineer	Real Estate Agent	Sr. Real Estate Services Project Mgr.	BIM Specialist	Water/Wastewate r EIT	Sr. Traffic Engineer	Water EIT	Traffic Designer	TOTAL
		Billing Rate	$320.35	$153.41	$242.46	$340.38	$274.78	$167.90	$264.38	$337.79	$144.80	$230.05	$226.05	$336.38	$179.62	$193.38	$196.54	$148.19	$248.26	$134.37	$193.31	
Scope Description																						
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
		Total Fee	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**
Task 7 - Traffic																						0
7.5	Pavement Markings/Channelization Design																		16		16	32
	Signing Design																		16		16	32
	Illumination Design													16			31		16		16	79
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*16*	*0*	*0*	*31*	*0*	*48*	*0*	*48*	*143*
7.6	Traffic Queing																					0
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*		*0*	*0*	*0*	*0*
7.3	SR 507/Reynolds Ave Intersection Control Evaluation																					0
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*		*0*	*0*	*0*	*0*
7.4	Safety Analysis																					0
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*		*0*	*0*	*0*	*0*
7.5	Street Lighting Analysis and Memo																					0
	Street Lighting Design																					0
	Traffic Signal Design																					0
		Subtotal	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*
		TASK HOURS	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**31**	**0**	**48**	**0**	**48**	**143**
		Total Fee	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$5,382.08**	**$0.00**	**$0.00**	**$6,092.74**	**$0.00**	**$11,916.48**	**$0.00**	**$9,278.88**	**$32,670.18**
Task 14 - Right-of-Way																						
14.1	Task Management		28	24		6	40	18									4					120
																						$29,493.48
14.5	Appraisal, Appraisal Review, Administrative Offer Summaries and Appraisal Management						35	18	15		15				15							98
																						$21,471.50
14.6	ROW Acquisitions and Negotiations (Non PE)						48	100	175		175				250							748
																						$146,490.94
14.7	Relocation Services Prior to Acquisition of Property						30	15				30	10			25						110
																						$24,758.40
14.8	Relocation Services During Acquisition of Property (Non-PE)						30	15				25	10			25						105
																						$23,608.15
14.9	Property Management (Optional)																					0
																						$0.00
14.10	Prepare ROW Certification Package (Non-PE)						17	20	24		24				45							130
																						$25,932.48
14.11	Sandra RAB Prior to ROW Authorization						15	5														20
																						$4,961.20
14.12	Sandra RAB During Acquisition of Property (Non-PE)						10	5	35													50
																						$12,840.60
		Subtotal	28	24	0	6	225	196	249	0	214	55	20	0	310	50	4	0	0	0	0	
		TASK HOURS	**28**	**24**	**0**	**6**	**225**	**196**	**249**	**0**	**214**	**55**	**20**	**0**	**310**	**50**	**4**	**0**	**0**	**0**	**0**	**1381**
		Total Fee	**$8,969.80**	**$3,681.84**	**$0.00**	**$2,042.28**	**$61,825.50**	**$32,908.40**	**$65,830.62**	**$0.00**	**$30,987.20**	**$12,652.75**	**$4,521.00**	**$0.00**	**$55,682.20**	**$9,669.00**	**$786.16**	**$0.00**	**$0.00**	**$0.00**	**$0.00**	**$289,556.75**
		TOTAL HOURS	**28**	**24**	**0**	**6**	**225**	**196**	**249**	**0**	**214**	**55**	**20**	**16**	**310**	**50**	**35**	**0**	**48**	**0**	**48**	**1524**
		Total Fee	**$8,969.80**	**$3,681.84**	**$0.00**	**$2,042.28**	**$61,825.50**	**$32,908.40**	**$65,830.62**	**$0.00**	**$30,987.20**	**$12,652.75**	**$4,521.00**	**$5,382.08**	**$55,682.20**	**$9,669.00**	**$6,878.90**	**$0.00**	**$11,916.48**	**$0.00**	**$9,278.88**	**$322,226.93**

Direct Expenses