

LOCAL ENTITY COPY

LOCAL GOVERNMENT CONTRACT



STATE OF UTAH
LOCAL GOVERNMENT
ENGINEERING SERVICES
2010-2013 LG POOL
COST PLUS FIXED FEE

CONTRACT NO. 128038
EFFECTIVE DATE 7-13-11
TRACKING NO. 14908

Project No.: F-LC35(205)
Location: Porter Rockwell Road
FINET Prog No.: 5322715D
PIN No.: 8652
Work Discipline: Preconstruction Engineering

1. CONTRACTING PARTIES: This contract is between Herriman, referred to as LOCAL AUTHORITY and
Project Engineering Consultants, Ltd
986 West 9000 South
West Jordan, UT 84088
Legal Status of Consultant: For Profit Corporation
Fed ID No.: 86-0466210
referred to as CONSULTANT, and approved by the Utah Department of Transportation, referred to as
DEPARTMENT.

2. REASON FOR CONTRACT: The LOCAL AUTHORITY does not have sufficient qualified staff to
complete the work required in the suggested time frame and the CONSULTANT is professionally qualified
and willing to assist the LOCAL AUTHORITY with Preconstruction Engineering services as further
described in Attachment C.

3. PROJECT/CONTRACT PERIOD: The project/contract will terminate February 29, 2012, unless otherwise
extended or canceled in accordance with the terms and conditions of this contract.

4. CONTRACT COSTS: The CONSULTANT will be paid a maximum of \$87,682.03 for costs authorized by
this Contract as further described in Attachment D.

5. ATTACHMENTS INCLUDED AS PART OF THIS CONTRACT:

- Attachment A - Certification of Consultant and Local Authority
Attachment B - Standard Terms and Conditions
Attachment C - Services Provided by the Consultant
Attachment D - Fees

The parties below hereto agree to abide by all the provisions of this contract. IN WITNESS WHEREOF, the
parties sign and cause this contract to be executed.

CONSULTANT - Project Engineering Consultants, Ltd

LOCAL AUTHORITY - Herriman

By: [Signature]
Title: VICE PRESIDENT
Date: 6-27-11

By: [Signature]
Title: City Engineer
Date: 6/29/11

UTAH DEPARTMENT OF TRANSPORTATION

DEPARTMENT Comptroller's Office

By: [Signature]
Title: Engineer for Preconstruction
Date: 6-23-11

By: [Signature]
Title: Contract Administrator
Date: 7-13-11

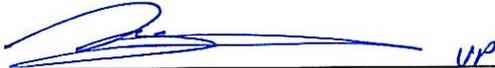
CERTIFICATION OF CONSULTANT

I hereby certify that I, LEO FLORENCE, am a duly authorized representative of Project Engineering Consultants, Ltd and that neither I nor the above CONSULTANT I hereby represent has:

- (a) employed or retained for commission, percentage, brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the above CONSULTANT) to solicit or secure this contract,
- (b) agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the contract, or
- (c) paid, or agreed to pay to any firm, organization or person (other than a bona fide employee working solely for me or the above CONSULTANT) any fee, contribution, donation, or consideration of any kind for, or in connection with, procuring or carrying out the contract; except as hereby expressly stated (if any):

I acknowledge that this certificate is to be furnished to the Utah Department of Transportation and the Federal Highway Administration in connection with this contract involving participation of Federal-aid Highway Funds, and is subject to applicable State and Federal laws, both criminal and civil.

6-27-11 _____
Date

 _____
CONSULTANT Signature/Title

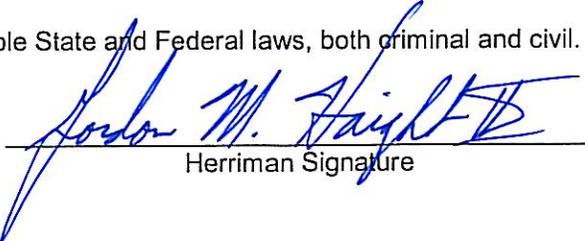
CERTIFICATION OF LOCAL AUTHORITY

I hereby certify that I am the _____ of Herriman and that the above CONSULTANT or its representative has not been required, directly or indirectly as an express or implied condition in connection with obtaining or carrying out this contract, to:

- (a) employ or retain, or agree to employ or retain, any firm or person, or
- (b) pay, or agree to pay, to any firm, person, or organization, any fee, contribution, donation, or consideration of any kind; except as hereby expressly stated (if any):

I acknowledge that this certificate is subject to applicable State and Federal laws, both criminal and civil.

6/29/11 _____
Date

 _____
Herriman Signature

**LOCAL GOVERNMENT
ENGINEERING SERVICES CONTRACT
STANDARD TERMS AND CONDITIONS**

1. **AUTHORITY:** Provisions of this contract are pursuant to the authority set forth in Sections 27-12-21, 107 and 108; and 63-56 U.C.A. 1953, as amended, and the Utah State Procurement Regulations, which authorizes the LOCAL AUTHORITY and/or the DEPARTMENT to make purchases in accordance with said laws and regulations.
2. **CONTRACT JURISDICTION AND COMPLIANCE WITH LAWS:** The provisions of this contract shall be governed by the laws of the State of Utah. Also, the CONSULTANT and those engaged by the CONSULTANT shall comply with all Federal, State and local laws, regulations and other legally binding requirements that pertain to the services provided under this contract. Proof of the CONSULTANT'S compliance with licensing requirements shall be furnished to the LOCAL AUTHORITY and/or the DEPARTMENT upon request.
3. **RECORDS ADMINISTRATION:** The CONSULTANT shall maintain all books, papers, documents, accounting records and other evidence to support costs billed for under this contract. These records shall be retained by the CONSULTANT for a period of at least four (4) years after the contract terminates, or until all audits initiated within the four years have been completed, whichever is later. These records shall be made available at all reasonable times during the four year period for audit and inspection by the LOCAL AUTHORITY and/or the DEPARTMENT and other authorized State and Federal auditors. The CONSULTANT'S records supporting the cost proposal shall also be retained and made available for review by authorized Federal or State staff. Copies of requested records shall be furnished to the LOCAL AUTHORITY and/or the DEPARTMENT upon request.
4. **CONFLICT OF INTEREST:** The CONSULTANT certifies that none of its officers or employees are officers or employees of the State of Utah unless disclosure has been made in accordance with Section 67-16-8, U.C.A. 1953, as amended. The CONSULTANT certifies that no engineer, attorney, appraiser, inspector, surveyor or survey crew, or other person performing services for the CONSULTANT has, directly or indirectly, a financial or other personal interest, other than his employment or retention by the LOCAL AUTHORITY and/or the DEPARTMENT, in any contract or subcontract in connection with this project (Reference 23 CFR § 1.33). An example of this situation would be the CONSULTANT subcontracts with the Contractor to perform survey work while contracted by the LOCAL AUTHORITY and/or the DEPARTMENT to perform construction engineering management services for the same project.

The CONSULTANT further warrants that it has no financial or other interest in the outcome of the work performed under the contract. Examples of this situation would be a Consultant who owns land, options to buy land, or some business enterprise that would be financially enhanced or diminished by any project alternatives.
5. **EMPLOYMENT OF DEPARTMENT EMPLOYEES:** The CONSULTANT agrees not to engage in any way the services on this contract of any present or former Utah Department of Transportation employee who was involved as a decision maker in the selection or approval processes or who negotiated and/or approved billings or contract modification for this contract.
6. **CONSULTANT, AN INDEPENDENT CONTRACTOR:** The CONSULTANT shall be an independent contractor, and as such, shall have no authority, express or implied to bind the LOCAL AUTHORITY and/or the DEPARTMENT to any agreement, settlement, liability, or understanding whatsoever; and agrees not to perform any acts as agent for the LOCAL AUTHORITY, except as specifically authorized and set forth herein. Persons employed by the LOCAL AUTHORITY and acting under the direction of the LOCAL AUTHORITY shall not be deemed to be employees or agents of the CONSULTANT. Compensation provided to the CONSULTANT herein shall be the total compensation payable hereunder by the LOCAL AUTHORITY.
7. **INDEMNITY - LIABILITY:** The CONSULTANT shall hold harmless and indemnify the DEPARTMENT and the LOCAL AUTHORITY, their officers, agents and employees from and against any and all claims, suits and cost, including attorneys fees, for injury or damage of any kind to the extent arising out of the

negligent acts, wrongful acts, errors, or omissions of the CONSULTANT, or its subconsultants when acting within the scope of their subcontract, or their respective agents, employees or representatives.

The CONSULTANT is an independent contractor contracted with the LOCAL AUTHORITY and approved by the DEPARTMENT. Any periodic plan and specification review or construction inspection performed by the LOCAL AUTHORITY or DEPARTMENT arising out of the performance of the contract, does not relieve the CONSULTANT of its duty in the performance of the contract, or ensure compliance with customary standard of professional care.

8. **SEPARABILITY:** The declaration by any court, or other binding legal source, that any provision of this contract is illegal and void and shall not affect the legality and enforceability of any other provision of this contract, unless said provisions are mutually dependent.
9. **LIABILITY INSURANCE:** Services to be provided by the CONSULTANT under this contract are required to be covered by insurance. The CONSULTANT shall furnish the LOCAL AUTHORITY and the DEPARTMENT a Certificate of Insurance applying to this contract for each type of insurance required, to be approved by the DEPARTMENT and the LOCAL AUTHORITY, before the CONSULTANT begins work under this contract. The CONSULTANT'S insurer must be authorized to do business in Utah and must meet the specified A.M. Best rating or better at the time this contract is executed. The following insurance shall be maintained in force until all activities which are required by this contract or as changed by contract modification are completed and accepted by the LOCAL AUTHORITY and the DEPARTMENT:

- (a) General Liability and Automobile Liability insurance with a limit of not less than \$1,000,000 per occurrence and not less than \$2,000,000 aggregate and having an A.M. Best rating of A-class VIII or better. The limit if different for this contract will be as designated in Attachment C to this contract. If this coverage is written on a claims-made basis, the Certificate of Insurance shall so indicate.

The CONSULTANT represents that as long as commercially available the insurance shall remain in effect such that claims reported up to three (3) years beyond the date of substantial completion of this contract are covered.

- (b) Architect and/or Engineers Professional Liability (errors and omissions) insurance having an A.M. Best rating of A-class VIII or better, is required at the coverage amount of \$1,000,000 per claim and \$2,000,000 aggregate. If this coverage is written on a claims-made basis, the Certificate of Insurance shall so indicate. The CONSULTANT represents that as long as commercially available the insurance shall remain in effect such that claims reported up to three (3) years beyond the date of substantial completion of this contract are covered (on construction contracts or modifications for construction management the insurance, shall remain in effect for one (1) year after completion of the project).
- (c) Valuable Papers & Records Coverage and/or Electronic Data Processing (Data and Media) Coverage for the physical loss or destruction of the work product including drawings, plans, specifications and electronic data and media. Such insurance shall be of a sufficient limit to protect the CONSULTANT, its sub-consultants, the LOCAL AUTHORITY, and the DEPARTMENT from the loss of said information.
- (d) Aircraft Liability in the amount of \$1,000,000 per occurrence if aircraft are utilized in connection with this contract.
- (e) The CONSULTANT shall provide evidence that his employees and sub-consultant employees are covered by Workers Compensation. If they are covered by Workers Compensation Fund of Utah, then the A.M. Best rating is not required in this area.
- (f) The CONSULTANT shall require the insurance company that issues the Certificates of Insurance for the evidence of the required insurance coverage to endeavor to provide the DEPARTMENT and the LOCAL AUTHORITY with 30 days written notice in the event that coverage is canceled before the policy expiration date stated in the Certificate. The CONSULTANT further agrees to

ATTACHMENT 3

provide the DEPARTMENT and the LOCAL AUTHORITY with 30 days written notice prior to making an alternation or material change to the required insurance coverage.

Policies referred to in 9(a) and 9(d) above are required to be endorsed naming the LOCAL AUTHORITY, UDOT, and the State of Utah as Additional Insureds and, on General Liability and Aircraft Liability, indicate they are primary and not contributing coverage. All required policies, endorsements, insurance companies issuing same, and self insured programs are subject to review and approval by the State of Utah, Risk Manager.

10. **HEALTH INSURANCE:** The CONSULTANT agrees that if the CONSULTANT has an initial contract of 1.5 million dollars or more, or the contract and modifications are anticipated in good faith to exceed 1.5 million dollars, or the CONSULTANT has a subcontract at any tier that involves a sub-consultant that has an initial subcontract of \$750,000 or more, and/or the CONSULTANT has a subcontract at any tier that is anticipated in good faith to exceed \$750,000; hereby certifies the following.

The CONSULTANT and all applicable sub-consultants have and will maintain an offer of qualified health insurance coverage for their employees, as defined in UCA Section 34A-2-104 for the employees' who live and/or work within the State of Utah, along with their dependents, during the duration of the contract. Employee, for purposes of these requirements, shall be no broader than the use of the term employee for purposes of State of Utah Workers' Compensation requirements.

The Executive Director or designee shall have the right to request a recertification by the CONSULTANT by submitting a written request to the CONSULTANT, and the CONSULTANT shall so comply with the written request within ten (10) working days of receipt of the written request; however, in no case may the CONSULTANT be required to demonstrate such compliance more than twice in any 12-month period. The CONSULTANT and all applicable sub-consultants will be subject to all applicable penalties. The CONSULTANT will provide these same requirements in all applicable subcontracts at every tier.

11. **PROGRESS:** The CONSULTANT shall begin the work required by this contract within one week following official notification by the DEPARTMENT to proceed. The CONSULTANT shall prosecute the work diligently and to the satisfaction of the LOCAL AUTHORITY and the DEPARTMENT. If Federal Funds are used on this contract the work will be subject to periodic review by the Federal Highway Administration.

The CONSULTANT will prepare monthly progress reports following the format established by the LOCAL AUTHORITY and the DEPARTMENT in sufficient detail to document the progress of the work and support the monthly claim for payment. Payments will not be made without a supporting progress report. In addition, the CONSULTANT will update the DEPARTMENT'S "electronic Program Management" (ePM) system bi-weekly to reflect the status of the project.

Progress conferences will be held periodically. The CONSULTANT will prepare and present written information and studies to the LOCAL AUTHORITY and the DEPARTMENT so it may evaluate the features and progress of the work. Any one of the three parties may request a conference; to be held at the office of any, or at a place designated by the LOCAL AUTHORITY or the DEPARTMENT. The conferences shall also include inspection of the CONSULTANT'S services and work products when requested by the LOCAL AUTHORITY or the DEPARTMENT.

The CONSULTANT will be required to perform such additional work as may be necessary to correct errors caused by the CONSULTANT in the work required under the contract without undue delays and without additional cost to the LOCAL AUTHORITY and the DEPARTMENT.

At any time the CONSULTANT determines the contract work cannot be completed within the specified time or budget, the LOCAL AUTHORITY and the DEPARTMENT shall be immediately notified in writing. The LOCAL AUTHORITY and the DEPARTMENT may, at their sole discretion, extend the contract by written modification.

The LOCAL AUTHORITY or the DEPARTMENT may terminate this contract in accordance with termination provisions of this contract including failure of the CONSULTANT to make satisfactory progress of the contract work.

Should the LOCAL AUTHORITY or the DEPARTMENT desire to suspend the work, but not terminate the contract, this will be done by verbal notification followed by written confirmation from the LOCAL AUTHORITY or the DEPARTMENT. The work may be reinstated upon 30 days advance written notice from the LOCAL AUTHORITY or the DEPARTMENT.

Unless extended or terminated in writing, this contract will terminate on the expiration date, or at the end of the specified calendar days.

12. **REVIEW AND INSPECTION OF WORK:** It is expressly understood and agreed that authorized representatives of the LOCAL AUTHORITY, DEPARTMENT and, when Federal Funds are used, the Federal Highway Administration shall have the right to review and inspect the work in process, and the CONSULTANT'S facilities, at any time during normal business hours or by appointment.
13. **NON DISCRIMINATION PROVISIONS:** The CONSULTANT agrees to abide by the provisions of the Utah Anti-discrimination Act, Title 34 Chapter 35 U.C.A. 1953, as amended, and Title VI and Title VII of the Civil Rights Act of 1964 (42 USC 2000e), which prohibits discrimination against any employee or applicant for employment, or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246 entitled "Equal Employment Opportunity," as amended by Executive order 11375 and as supplemented in Department of Labor Regulations (41CFR Part 60), which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap. The CONSULTANT agrees to abide by Utah's Executive Order, dated June 30, 1989, which prohibits sexual harassment in the work place. Sections 49 CFR 21 through Appendix H and 23 CFR 710.405(b) are applicable by reference in all contracts and subcontracts financed in whole or in part with Federal-aid highway funds. The CONSULTANT further agrees to furnish reports to the LOCAL AUTHORITY and/or the DEPARTMENT upon request for the purpose of determining compliance with these statutes identified in this section. The CONSULTANT shall comply with the Americans With Disabilities Act (ADA).
14. **CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER RESPONSIBILITY MATTERS:** The CONSULTANT agrees to abide by the requirements of 49 CFR Part 29. By signing this contract the CONSULTANT certifies that to the best of their knowledge and belief that it or its principals:
- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had civil judgment against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or Local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or Local) with commission of any of the offenses enumerated in subparagraph 14(b) of this certification; and
 - (d) Have not within a three-year period preceding this contract had one or more public transactions (Federal, State, or Local) terminated for cause or default.

Where the CONSULTANT is unable to certify to any of the statements in this certification, the CONSULTANT shall attach an explanation to this contract. Exceptions will not necessarily result in denial of award, but will be considered in determining CONSULTANT'S responsibility. Any exceptions noted shall identify to whom it applies, the initiating agency, and dates of the action. Providing false information may result in criminal prosecution or administrative sanctions.

15. **CERTIFICATION OF COMPLIANCE ON LOBBYING RESTRICTIONS:** The CONSULTANT agrees to conform with the lobbying restrictions established by Section 319 of Public Law 101-121 (Department of the Interior and Related Agencies Appropriations Act for Fiscal Year 1990) for contracts exceeding \$100,000 in Federal Funds. The CONSULTANT certifies, by signing this contract, to the best of their knowledge and belief, that:

- (a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The CONSULTANT also agrees by signing this contract that they shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

16. **CERTIFICATION OF COMPLIANCE ON DRUG AND ALCOHOL TESTING:** The CONSULTANT hereby certifies by executing this Contract, that the CONSULTANT shall comply with all applicable provisions of Rule 916-6 Drug and Alcohol Testing in State Construction Contracts and UCA Section 63G-6-604 throughout the term of this Contract. The CONSULTANT shall provide this requirement in its contracts with subconsultants.
17. **CONSULTANT COST CERTIFICATION:** The CONSULTANT hereby certifies by executing this Contract, that the CONSULTANT has previously submitted a CONSULTANT certification of final indirect costs in accordance with the Federal Acquisition Regulations (FAR) cost principles as described in the FHWA Order 4470.1A and in the DEPARTMENT Financial Screening Application.
18. **OWNERSHIP OF DOCUMENTS:** All tracings, plans, manuscripts, specifications, data, maps, etc., prepared or obtained by the CONSULTANT, as a result of working on this contract, shall be delivered to and become the property of the LOCAL AUTHORITY. All documents and data pertaining to work required by this contract shall be the property of the LOCAL AUTHORITY and shall be delivered to the LOCAL AUTHORITY within 10 working days after termination of the contract, regardless of the reason for termination; and without restriction or limitation on their further use. Costs of all the above items shall be considered as included in the basic contract compensation for the work as described in ATTACHMENT C.

The CONSULTANT shall not be responsible for another party's application of information contained in the contract documents to other projects, or for uses other than that for which the information was intended. Should patentable discoveries or inventions result from work required by this contract, all rights to them shall be the sole property of the CONSULTANT. Except, the CONSULTANT agrees to grant to the United States Government and the State of Utah a non exclusive, non transferable, paid up, license to use the discovery or invention. The CONSULTANT is permitted to copyright reports and other contract products provided that the LOCAL AUTHORITY, the DEPARTMENT and the Federal Highway Administration have a royalty free, non exclusive, irrevocable right to reproduce, publish, or otherwise use and authorize others to use for governmental purposes.

19. **ASSIGNMENT AND SUBCONTRACTING:** The CONSULTANT shall not subcontract any of the work required by this contract, or assign monies to be paid to the CONSULTANT hereunder, without the prior written approval of the LOCAL AUTHORITY and/or the DEPARTMENT. The amount billed to the DEPARTMENT for subcontractor costs shall be the same amount the CONSULTANT actually pays subcontractor for services required by this contract. All payments made by the CONSULTANT to the

subcontractor for services required by this contract shall be subject to audit by the LOCAL AUTHORITY and/or the DEPARTMENT. All subcontracts must include all the same terms and conditions and provisions included in this contract. However, the prime CONSULTANT is responsible for ensuring that all work performed by sub-consultants is insured under their insurance policy, or they require that the sub-consultants meet the insurance provisions required under this contract.

The CONSULTANT must perform work valued at not less than 60% of the total contract amount, excluding specialized services, with its own staff. Specialized services are those services or items that are not usually furnished by a consultant performing the particular type of service contained in this contract.

20. **KEY PERSONNEL/STAFFING PLAN:** Any change in personnel from that specifically identified in Attachment C of this contract, must be submitted to the LOCAL AUTHORITY and the DEPARTMENT Project Manager and Consultant Services in writing and is subject to prior approval by the LOCAL AUTHORITY and the DEPARTMENT. Invoices submitted for payment with unauthorized personnel will not be paid.
21. **DISPUTES:** Claims for services, materials, or damages not clearly authorized by the contract, or not ordered by the LOCAL AUTHORITY and the DEPARTMENT by prior written authorization, will not be paid. The CONSULTANT shall notify the LOCAL AUTHORITY and the DEPARTMENT in writing, and wait for written approval, before it begins work not previously authorized. If such notification and approval is not given or the claim is not properly documented, the CONSULTANT shall not be paid the extra compensation. Proper documentation alone shall not prove the validity of the claim. The parties agree to use arbitration or mediation after exhausting applicable administrative reviews to resolve disputes arising out of this contract where the sole relief sought is monetary damages \$100,000 or less, exclusive of interest and costs.
22. **CLAIMS - DELAYS AND EXTENSIONS:** The CONSULTANT agrees to proceed with the work previously authorized by the contract, or in writing, continually and diligently, and will make no charges or claims for extra compensation for delays or hindrances within its control during the progress of this contract. The LOCAL AUTHORITY and the DEPARTMENT may allow an extension of time for the contract, for a reasonable period as agreed by the parties, should a delay or hindrance occur. The LOCAL AUTHORITY and/or the DEPARTMENT shall not waive any of its rights under the contract by permitting the CONSULTANT to proceed with the contract after the established completion date.
23. **CONSULTANT'S ENDORSEMENT ON PLANS, ETC.:** The CONSULTANT (if a firm, the responsible principal) is required to endorse and affix its seal to plans, reports, and engineering data furnished to the LOCAL AUTHORITY and/or the DEPARTMENT under this contract.
24. **CONTRACT MODIFICATIONS:** This contract may be amended, modified, or supplemented, as it is mutually agreed to by the parties by written contract modification, executed by the parties hereto and attached to the original signed contract. If there is Federal funding as part of the revenue for this contract, the Federal Highway Administration must approve all changes.

Claims for services furnished by CONSULTANT, that are not specifically authorized by this contract or by appropriate modification, shall not be paid by the LOCAL AUTHORITY or the DEPARTMENT. When a contract modification has been agreed to by the parties no claim for the extra work done or material furnished shall be made by the CONSULTANT until the written modification has been fully executed. Any verbal agreements not confirmed in writing are non-binding.

25. **TERMINATION:** This contract may be terminated as follows:
- (a) Mutual agreement of the parties; in writing and signed by the parties.
 - (b) By either party for failure of the other party to fulfill its obligations, as set forth with the provisions of this contract and in particular with Attachment C, "Services Provided by the CONSULTANT" or Section 40, "Duties of the DEPARTMENT". Reasonable allowances will be made for circumstances beyond the control of the CONSULTANT and the LOCAL AUTHORITY or the DEPARTMENT. Written notice of intent to terminate is required and shall specify the reasons supporting termination.

- (c) By the LOCAL AUTHORITY or the DEPARTMENT for the convenience of the State or the LOCAL AUTHORITY upon written notice to the CONSULTANT.
- (d) Upon satisfactory completion of required contract services.

On termination of this contract all accounts and payments will be processed in accordance with contract terms. An appraisal of the value of work performed to the date of termination shall be made to establish the amount due to or from the CONSULTANT. If the contract fee type is Cost-Plus-Fixed-Fee-With-Fixed-Total-Additive-Rate and the contract is terminated for reasons other than (d), the final fixed fee amount will be paid in proportion to the percentage of work completed as reflected by the periodic invoices as of the date of termination of the contract. Upon determining the final amount due the CONSULTANT, or to be reimbursed by the CONSULTANT, in the manner stated above, the final payment will be processed in order to close out the contract.

26. **DESIGN/CONSTRUCTION:** The CONSULTANT will utilize all current DEPARTMENT standards and be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by the CONSULTANT under this contract. The CONSULTANT will, without additional compensation, correct or revise any errors or omissions in its design, drawings, specifications and other services. This contract may remain open for modifications for any unforeseen work that may be deemed necessary by the DEPARTMENT going into the construction phase to accommodate future work by the prime CONSULTANT or sub-consultant. CONSULTANT will perform the services in accordance with the customary standard of professional care.
27. **ELECTRONIC PLAN ROOM DOCUMENTATION:** All consultants will be expected to adhere to the current DEPARTMENT development standards on the web site. It is the CONSULTANTS responsibility to provide all plans, specifications, surveys, and associated data in the DEPARTMENT acceptable electronic formats on one or more CD's. All project data will be organized in the DEPARTMENT'S project directory structure as specified in the DEPARTMENT'S current CADD Standards. It is the CONSULTANT'S responsibility to be aware of all DEPARTMENT requirements and formats. The DEPARTMENT CADD standards are available at the Engineering Technology Services (ETS) sub-page of the DEPARTMENT website www.udot.utah.gov/ets.

Computer Aided Drafting and Design acceptable formats are as follows:

- (a) Drafting: MicroStation Design format (.dgn) by Bentley Systems Inc., version 8.5 or higher.
- (b) Civil Design: InRoads by Bentley Systems Inc. version 8.8 or higher acceptable formats are as follows: Geometry files (.alg), Surface or digital terrain models (.dtm), Template libraries (.itl), and Roadway Designer files (.ird).
- (c) Survey and Photogrammetry: InRoads Survey format (.fwd) by Bentley Systems Inc. version 8.8 or higher. Raw survey files will be in ASCII format, (point number, Northing, Easting, Elevation and code). Survey points will be coded using the DEPARTMENT feature codes located in the DEPARTMENT preference file (.xin) and Raster Images (aerial photos) will be in MicroStation compatible formats. Design and Survey work will adhere to the DEPARTMENT CADD Standards and "Mapping & Aerial Photogrammetry" Guide.
- (d) Plotting: In order for the project to be published into the DEPARTMENT Electronic Plan Room (EPR) system, the CONSULTANT will prepare a file to direct the DEPARTMENT's plotting software, InterPlot, by Bentley Systems Inc. to produce the correct output. This is the InterPlot Organizer's plot-set file (filename.ips). This file contains specifications for each sheet in the plan set and controls the order and name of each sheet as they will appear in the EPR system. Instructions for preparing this file can be found at the DEPARTMENT Engineering Technology Services (ETS) website as stated above.
- (e) Responsibility: Region Designers/Consultants, Action - When submitting electronic files for advertising, Region or consultant designers must deliver to the DEPARTMENT the design files on CD's in the established project directory structure. The following files must be included in the submittal: 1) Major design files, including roadway design, structure, striping, signing, signals, and

profiles (Microstation format), 2) Existing topography and existing utilities (Microstation format), 3) Existing and proposed surfaces (dtm format), 4) InRoads alignments (alg), templates (itl), roadway designer files (ird) and preference files (xin), 5) Configuration and resource files including font and linestyle resource files.

- (f) Placement: Action – Project data must be delivered to the DEPARTMENT on CD's in the established project directory structure.

The CONSULTANT will be responsible for the accuracy of the translated data.

Technical and Standards support will be provided to the CONSULTANT through the Engineering Technology Services Group of the Project Development Division at UDOT.

28. **REQUIREMENTS FOR COMPUTER ELEMENTS:** Hardware, firmware and/or software elements that the CONSULTANT procures, furnishes, licenses, sells, integrates, creates and/or enhances for the LOCAL AUTHORITY and the DEPARTMENT under this contract shall achieve the specific objectives specified in the work plan. These elements shall be free of defects, or "bugs," that would prevent them from achieving the objectives specified in the work plan.

Computer software and applications created and/or enhanced under this contract shall include as deliverables; user instructions, program documentation, program listings, source code and executables in specified compiled formatted files. The program documentation shall include flow charts and detailed treatment of decision algorithms and their technical basis. Appropriate LOCAL AUTHORITY individuals will review "user instructions" and "program documentation" for acceptability. Formal sign-offs will record such events and be part of the project repository. Software development and operating system platforms shall be approved by the LOCAL AUTHORITY and the DEPARTMENT and specified in the work plan. Changes to these platforms shall only be allowed by written authorization by the LOCAL AUTHORITY and the DEPARTMENT.

29. **COST PRINCIPLES:** Regardless of the funding source, the costs allowable for reimbursement will be governed by the Federal Acquisition Regulations, Title 48, Part 31, as modified by Utah State law, administrative rules, and regulations on contract provisions.
30. **RIGHT OF WAY SUBMITTAL REQUIREMENTS:** As of April 1st 2004, the following information is to be submitted by the Right of Way Design Firm for each Right of Way package submitted. These requirements should be included in each Right of Way Design firms contract for services.

Submit the following information to the Region for review and processing.

Send in all five hard copies of the right of way package.

Send a CD with the following folders and content for each right of way summary.

- (a) Ownership Folder with all electronic Ownerships for this package in "Word" format.
- (b) Office Copy Folder with electronic Office Copies of deeds in "Word" for Office copies in this summary).
- (c) Signature Copies Folder with electronic copies of the Signature Deeds in "Word" for Signature copies in this summary.
- (d) Summary (RW-53) in "Word" for parcels submitted in this summary.
- (e) E-Summary containing the electronic summary spreadsheet in "Excel" in the format shown above for the parcels in this summary.

Submit approximately 10 Ownerships (with the deeds for that ownership) on each Summary or E-SUMMARY.

File names for E-SUMMARIES must be capitalized. Example; **E-SUMMARY-54P.xls** (UDOT will convert the spreadsheet file to another format and use the same name in lower case e-summary-54p)

Parcel numbering on CD

Summary (RW-53) Same as old way	
Office	001_Off.doc
Signature	001_Sig.doc
Ownership	001_Own.doc

31. **GOVERNMENT RECORDS AND ACCESS MANAGEMENT ACT:** Pursuant to the Government Records Access and Management Act, Title 63G, Chapter 2, Utah Code Annotated, the CONSULTANT understands that if it believes that any records it submits to the DEPARTMENT and/or LOCAL AUTHORITY should be considered confidential for business purposes under Utah Code Ann. §63G-2-309, it must attach written notice of that opinion to the record when it first submits it. The CONSULTANT understands that the DEPARTMENT and/or LOCAL AUTHORITY will not treat any such record as confidential under Section 63G-2-309 absent such written notification. Additionally, the CONSULTANT agrees that neither the State of Utah, the DEPARTMENT and/or LOCAL AUTHORITY, nor any of their agents or employees are responsible for disclosure of any record that the CONSULTANT considers confidential if either the State Records Committee or a court orders it released.
32. **WORK ACCEPTANCE:**
- (a) All work performed under this contract shall be performed in accordance with Standards, Specifications, Manuals of Instruction, Policies and Procedures established by the DEPARTMENT. All work shall be subject to the approval of the LOCAL AUTHORITY and the DEPARTMENT through its designated representatives. When the work is Federally funded, the LOCAL AUTHORITY and the DEPARTMENT will coordinate with the Federal Highway Administration (FHWA) to obtain concurrence in the work.
- (b) **Reviews and Quality Assurance:** All contracts require a quality control / quality assurance plan and checklist. For design projects specifically, the CONSULTANT shall deliver a project specific QC/QA plan that meets or exceeds the DEPARTMENT'S standard QC/QA plan located on the DEPARTMENT web page at <http://www.udot.utah.gov/go/qcqa>. If the CONSULTANT elects to use their own QC/QA plan, that plan shall, as a minimum, contain the requirements of the DEPARTMENT'S plan and be approved by the DEPARTMENT'S Project Manager. In addition to the QC/QA checklists and certifications, back up documentation of the QC/QA plan shall be maintained. The back up documentation shall include, but not be limited to the following items:
- (1) Check prints and calculations
 - (2) Comment resolution forms
 - (3) Written records of the findings of the Quality Control check
 - (4) Peer review letters, memoranda, etc.
 - (5) Any other correspondence regarding the Quality Control activities involving the task.
33. **GENERAL CONTROL AND INSPECTIONS:** The CONSULTANT shall be represented at progress review meetings as may be scheduled by the LOCAL AUTHORITY and the DEPARTMENT. The CONSULTANT shall accompany LOCAL AUTHORITY and the DEPARTMENT personnel and other representatives on field inspections and at conferences as may be required.
34. **IF THIS CONTRACT IS FOR DESIGN:** The design consultant will be retained to answer and clarify any questions on the design during construction. The consultants will be required to include this task in their cost proposal. The Construction Project Engineer will call on the CONSULTANT as he needs him. If the work required from the CONSULTANT is due to errors in the design, the CONSULTANT will not be reimbursed. To enhance the communication between the LOCAL AUTHORITY, the DEPARTMENT and Consultants, the LOCAL AUTHORITY and the DEPARTMENT are requiring that the CONSULTANT attend the following meetings: kickoff meeting, preconstruction meeting, and the final inspection meeting. These meetings should be included in the detail work plan.

35. IF THIS CONTRACT IS FOR CONSTRUCTION ENGINEERING MANAGEMENT:

- (a) **Construction Administration**
Administration of any construction project delegated to the CONSULTANT. The CONSULTANT will perform activities for Construction Administration as identified and defined in the *UDOT Construction Manual of Instruction*. Deliverables and checklists for the project are based on project specifications. The CONSULTANT is required to comply with DEPARTMENT partnering requirements and oversee contractor participation. This includes but is not limited to attending DEPARTMENT training, leading the partnering effort on the project along with the contractor, participating in weekly updates on the partnering website, and monitoring and measuring partnering on the project. The CONSULTANT is responsible for required documentation for any item addressed in the project specifications and Construction contract. Items will include, but not be limited to, Materials Testing, Materials Certifications, Change Orders, Project and Materials Inspection, Civil Rights requirements, Engineer's Diary, Subcontracts, Payrolls, Meeting Minutes, Project Scheduling and Process Review summaries.
- (b) **Materials Testing and Inspection**
The CONSULTANT will perform materials testing and inspection in accordance with the requirements of the project Construction contract. These requirements include the Materials Acceptance and Independent Assurance Programs, as outlined in the *UDOT Materials Manual of Instruction (MOI)*. The Materials Acceptance Program defines requirements for acceptance testing and verification testing. The Independent Assurance Program defines requirements for independent assurance testing, personnel qualifications and laboratory qualifications.
- (c) **Acceptance Testing/Inspection**
Acceptance testing/inspection will be performed in accordance with the project specifications and *UDOT Minimum Sampling and Testing Requirements (MS&T)*. Minimum frequencies for materials acceptance testing and inspection are defined in the UDOT MS&T and are the absolute minimum for the identified materials, regardless of special provision requirements.
- (d) **Independent Assurance Testing**
Requirements for Independent Assurance testing are outlined in the UDOT Materials MOI and project level requirements will be performed and documented by the CONSULTANT at the project level. Documentation will be provided for IA test results, personnel qualifications and laboratory qualifications. Documentation for personnel and laboratory qualification will be performed prior to any sampling or testing being performed on the project.
- (e) **Project Inspection**
Project Inspection is a combination of the presence of the CONSULTANT, and the documentation of the project's daily activities. The CONSULTANT will perform inspection in accordance with project specifications and documentation will include, at a minimum, Inspector's Daily Reports, materials placement inspection reports, project diaries, measurement and payment information, and project visual reviews for items such as traffic control placement and conformance, etc.
- (f) **Project Closeout**
Project information obtained through contract administration, materials testing and project inspection will be collated and reviewed by the CONSULTANT to assure that all of the necessary documents are present to demonstrate compliance with the plans, specifications and Construction contract. Closeout will be performed in accordance with the comprehensive checklist in the UDOT Construction MOI and will include at a minimum, all C-106 forms, the project C-196 form, all change orders and all administrative requirements, such as payrolls and Civil Rights requirements.
- (g) **The DEPARTMENT's Construction Manual of Instruction and Materials Manual of Instruction can be obtained from Central Construction and Materials Division 801-965-4346 or available at the sub-page of the DEPARTMENT website www.udot.utah.gov/ets.**

36. INSPECTION OF INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND ELECTRICAL CONSTRUCTION: In order to ensure complete impartiality in the performance of construction inspection, any consultant engineering companies who are concurrently performing or bidding on ITS or electrical

construction work for the LOCAL AUTHORITY and/or DEPARTMENT will not be considered eligible to perform construction inspection of ITS or electrical work on any projects as part of a consultant contract.

Consultants who are selected to do ITS or electrical construction inspection as part of a consultant contract will be requested to affirm that they currently are not performing or bidding on any electrical or ITS construction work for LOCAL AUTHORITY and/or DEPARTMENT and will not for the duration of the relevant consulting contract.

For the purposes of this provision, ITS or electrical construction is defined as follows:

Work involving the installation or repair of underground electrical conduit, electrical cables, fiber-optic cable, or any other construction work involving 120 volt (or greater) current for which an electrician's license is required. Field work taking place inside an electrical cabinet, or involving low voltage detection or data circuits, will *not* be considered ITS or electrical construction. Diagnosis, testing, calibration, aiming, resplicing, or repair of low voltage detection circuits, fiber-optic cable, or detection equipment will *not* be considered ITS or electrical construction.

Consultant engineering companies who also perform ITS or electrical construction work under contract to LOCAL AUTHORITY and/or DEPARTMENT *will* be eligible to perform the following types of consulting work, provided that the work is on completely different projects, with no possibility for conflict of interest: design work, ITS system integration, software development.

37. **NO THIRD PARTY BENEFICIARIES:** The parties enter in to this contract for the sole benefit of the parties, in exclusion of any third party, and no third party beneficiary is intended or created by the execution of this contract.
38. **COORDINATION WITH DEPARTMENT FUNCTIONAL MANAGERS:** In order to ensure programmatic consistency, if the project requires, the CONSULTANT will coordinate decisions with the Region and/or Central Functional Managers in addition to the DEPARTMENT Project Manager. It is important for consultants to seek input into decisions from the technical experts within the DEPARTMENT.
39. **USE OF STATE SEAL AND UDOT LOGO:** The CONSULTANT will not misrepresent their employees as State of Utah employees. The CONSULTANT will not use the Utah State Seal or UDOT logo on business cards for their employees nor use Utah or UDOT letterhead on correspondence signed by their employees with the following exception: the CONSULTANT may incorporate the UDOT logo on their business cards stating, "In partnership with UDOT" in addition to the CONSULTANT'S own logo. The CONSULTANT may prepare correspondence for the approval and signature of appropriate State of Utah employees.
40. **DUTIES OF THE LOCAL AUTHORITY AND THE DEPARTMENT:**
- (a) **Guarantee Access:** The LOCAL AUTHORITY and/or the DEPARTMENT shall guarantee access to and make all provisions for the CONSULTANT to enter upon all lands, both public and private which in the judgment of the parties hereto are necessary to carry out such work as may be required.
 - (b) **Prompt Consideration:** The LOCAL AUTHORITY and the DEPARTMENT shall give prompt consideration to all reports, plans, proposals and other documents presented by the CONSULTANT.
 - (c) **Documents:** The DEPARTMENT shall furnish Standards, Specifications, Manuals of Instruction, Policies and Procedures, and other available information, including any material previously prepared for this work. Specific materials related to this contract that will be furnished by the LOCAL AUTHORITY and the DEPARTMENT.
 - (d) **Services:** The LOCAL AUTHORITY and the DEPARTMENT will perform standard services relating to this contract.

SERVICES PROVIDED BY THE CONSULTANT**1. SCOPE SUMMARY:**

Provide design services including landscape and lighting design for Porter Rockwell road.

2. SCOPE DOCUMENTS:

Following are the scope items contained in this attachment pages 2 through 11:

- (a) Approval Memo
- (b) Detailed Work Plan
- (c) Personnel/Staffing Plan
- (d) Schedule
 - (1) Completion: All work shall begin within seven (7) days of notice to proceed and shall be completed by February 29, 2012.
 - (2) Project/Contract Period: The project/contract will terminate February 29, 2012, unless otherwise extended or canceled in accordance with the terms and conditions of this contract. If additional time is required beyond the project completion date, the CONSULTANT shall submit a "Contract Time Extension Modification" to the LOCAL AUTHORITY and the DEPARTMENT'S Project Manager for approval and processing.
- (e) Certificate of Insurance



UDOT Consultant Services Contract Approval Memo

Memo Printed on: June 22, 2011 10:07 AM



PM Approval Date: June 22, 2011

UDOT PM: Peter S. Tang

The Project Manager has reviewed and approved the contract/modification documents: Executive Summary, Work Plan, QC/QA Plan and Checklist, Staffing Plan, Work Schedule, and Cost Proposal.

PROJECT INFORMATION

PIN: 8652
Project No.: F-LC35(205)
Job/Proj: 5322715D
Project Location: PORTER ROCKWELL ROAD

CONTRACT INFORMATION

CS Admin: Michael R. Butler
Contract No.: New Landscape and lighting design
Mod No.:
Expiration Date: February 29, 2012
Contract/Mod Amount: \$87,682.03
Fee Type: COST PLUS FIXED FEE
Selection Method: POOL - GE / LG
Period: 2010-2013 GE / LG
Phase: PRELIMINARY ENGINEERING
Discipline: PRECONSTRUCTION ENGINEERING

CONTACTS

<u>Consultant</u>	<u>Local Government</u>
PROJECT ENGINEERING CONSULTANTS, LTD	Herriman
Lars Anderson	Mark Jensen
986 WEST 9000 SOUTH	13011 S PIONEER ST
WEST JORDAN, UT 84088	HERRIMAN, UT 84065
(801) 858-3244	(801) 727-0910
LANDERSON@PEC.US.COM	MJENSEN@HERRIMAN.ORG

**PORTER ROCKWELL ROAD
PROJECT NO. F-LC35 (205)
PIN 8652**

EXECUTIVE SUMMARY

OVERVIEW

UDOT, Herriman City, and FHWA are collaborating to deliver the Porter Rockwell Road - Landscaping project using the traditional design-bid-build delivery method. Project Engineering Consultants (PEC) has been selected by UDOT and Herriman City to provide design engineering and landscape architectural services for the Porter Rockwell Road- Landscaping project.

Roadway design for the Porter Rockwell Road is complete with construction to begin in 2011. The landscape improvements are to be constructed concurrently with the roadway improvements, however they are separate contracts with potentially separate contractors. It is anticipated that the landscape improvements will include aesthetic lighting, colored/stamped concrete treatments, landscape features (trees, shrubs, boulders, rock mulches), and supplemental irrigation.

The following documents included herein are for contract purposes:

- Executive Summary
- Work Plan- 2011 Design Network
- Design Cost Estimate
- Staffing Plan
- Project Schedule
- QC/QA Plan

Fee Type: The contract between PEC and UDOT will be a cost plus fixed-fee with a not to exceed amount as outlined in the attached cost estimate. If at any time during the project additional items are deemed necessary, a modification will be prepared to ensure all parties are in agreement with any necessary changes.

INFORMATION PROVIDED BY UDOT/PROJECT MANAGER

- Aerial Mapping & Supplemental Surveys
- Utility Locations
- Utility Agreements
- Utility Betterments
- Mitigation Commitments / Constraints
- Environmental Documentation (MVC EIS)
- R/W Documents, Maps, and Acquisition
- Document Control Systems (ProjectWise and Prolog)
- Survey Control
- Right-of-Way Plans
- R/W Commitments
- Permit Acquisition

WORK PLAN OVERVIEW

- This Work Plan has adopted the latest UDOT "design network" (2011) to accommodate the design delivery method.

WORK PLAN FOR DESIGN CONSULTANT

TASKS

OVERVIEW:

The purpose of the following tasks is to develop a complete set of plans that address the project aesthetics and landscape objectives. This is accomplished by completing the tasks as outlined.

GENERAL TASKS:

3E1 Write Categorical Exclusion Document and Obtain Approval

Complete and obtain approval of the categorical exclusion for the project. PEC has access to the previous Environmental Impact Statement prepared for Mountain View Corridor and will use to the extent possible, the data provided by the EIS to complete the Cat Ex.

- Coordinate with agencies
- Perform additional studies as needed
- Perform resource impact analysis
- Provide environmental resource information
- Complete categorical exclusion form in ePM
- Submit draft categorical exclusion for review and approval
- Initiate QC review

4E1 Prepare/Submit Permits

Based on the impacts identified in the categorical exclusion, prepare and obtain permits necessary for the project.

- Coordinate with agencies
- Prepare and submit permits
- Document in project commitment database
- Initiate QC review

5E1 Obtain Environmental Permits

Obtain all environmental permits necessary for construction to begin.

- Coordinate with jurisdictions

1A1 Assess Project Aesthetics and Landscaping

Conduct a project scoping meeting and with collaboration of the design team, determine appropriate aesthetic level (high, medium, or low).

- Determine the level of aesthetics and landscaping for the project
- Complete preliminary aesthetics and landscaping assessment form
- Initiate QC review to verify findings, assumptions, plan, costs, and schedule

1B1 Develop Base Mapping/Existing Surface

Obtain base mapping and topography for the entire project area. PEC has already obtained the CADD files from the Mountain View Corridor project, however additional control, topographic survey are necessary to provide the base mapping file certificate.

- Coordinate with Herriman City Staff
- Establish survey control
- Complete survey control sheet
- Perform topographical survey of existing features in project area
- Develop base mapping
- Develop DTM of the existing surface
- Complete certification
- Initiate QC review

4B1 Conduct Supplemental Surveys

Coordinate with the project team to identify additional survey requirements.

- Coordinate with Herriman City Staff
- Revise survey control
- Revise survey control sheets
- Determine extent of additional surveying needs
- Develop additional base mapping and DTM
- Complete base mapping file and certification
- Initiate QC review

2A1 Develop Aesthetics and Landscape Conceptual Design

Create the overall project aesthetics and landscape conceptual design. Coordinate with other disciplines to incorporate features that enhance the project aesthetics. Clearly identify the project baseline features and the long term responsibilities for maintenance. Develop a theme that will visually unify all project components. Prepare plans that distinguish between hardscape and softscape features and provides general information

- Coordinate with Herriman City Staff
- Develop Aesthetics and landscape conceptual design package
- Prepare conceptual drawings
- Prepare landscape treatments plan
- Review aesthetics and landscape conceptual design package
- Initiate QC review

3A1 Complete Aesthetics and Landscape Design

Create the overall project aesthetics and landscape conceptual design. Coordinate with other disciplines to incorporate features that enhance the project aesthetics.

- Coordinate with Herriman City Staff
- Address landscape and aesthetic comments with resolution sheet
- Complete Final aesthetics plan
- Complete landscape design
- Complete irrigation design
- Complete site plan design (lighting/ stamped concrete, etc)
- Finalize landscape/aesthetics cost estimate
- Obtain signed aesthetic/landscape agreement from Herriman City Representatives
- Initiate QC review

3V1 Plan In Hand Review Meeting

The plan-in-hand review is for the final review of all major roadway, hydraulic, drainage, ITS, utility, geotechnical and ROW designs, which should be complete. The meeting should include reviews to determine available funding and consistency, accuracy, and constructability within the project scope.

- Prepare Meeting Agenda
- Distribute Review Material
- Hold Meeting
- Prepare Meeting Notes
- Compile Review Meeting Comments

4A1 Complete Erosion and Sediment Control Plans and Document

Develop the project erosion and sediment control design. Complete the erosion and sediment control plans and create summaries. Prepare and assemble erosion and sediment control project documents, including plans, special provisions, and Engineer's Estimate in PDBS.

- Coordinate with Herriman City Staff
- Design erosion and sediment control elements
- Complete erosion and sediment control plan sheets
- Complete erosion and sediment control detail sheets
- Finalize erosion and sediment control cost estimate

- Enter erosion and sediment control cost estimate into PDDBS
- Prepare erosion and sediment project documents
- Initiate QC review

4A2 Complete Aesthetics , Landscape, Irrigation, and Site Plans

Revise design based on review comments. Complete landscape, irrigation, and site plans and documents. Finalize the aesthetic and landscaping cost estimates.

- Coordinate with Herriman City Staff
- Address review comments
- Complete plan sheets
- Complete design details and sheets
- Complete summary sheets
- Finalize landscape/irrigation/site plan cost estimate
- Enter landscape/irrigation/site plan estimate into PDDBS
- Prepare landscape/irrigation/site plan documents
- Initiate QC review

4V1 PS&E Review Meeting

The purpose of this activity is to ensure that the elements provided in the plan sheets and advertising documents are consistent with the project scope and available funding requirements. The meeting should include reviews to determine consistency, accuracy, and constructability.

- Prepare Meeting Agenda
- Distribute Review Material
- Hold Meeting
- Prepare Meeting Notes
- Prepare Review Meeting Comments

5A1 Prepare SWPPP Package for Construction

Prepare the SWPPP package and submit to Resident Engineer.

- Coordinate with Herriman City Staff
- Assemble SWPPP package
- Send SWPPP package to Resident Engineer
- Initiate QC review

5Z1 Project Management

This activity is for the Project Manager oversight of the project through the entire design phase.

- Facilitate coordination between disciplines
- Schedule and attend team meetings and facilitate meeting notes
- Update/Review ePM
- Maintain project responsibility chart
- Review/process invoices
- Contract modifications
- Provide QA reviews

STAFFING PLAN
PORTER ROCKWELL ROAD
PROJECT NO. F-LC35 (205)
PIN 8652

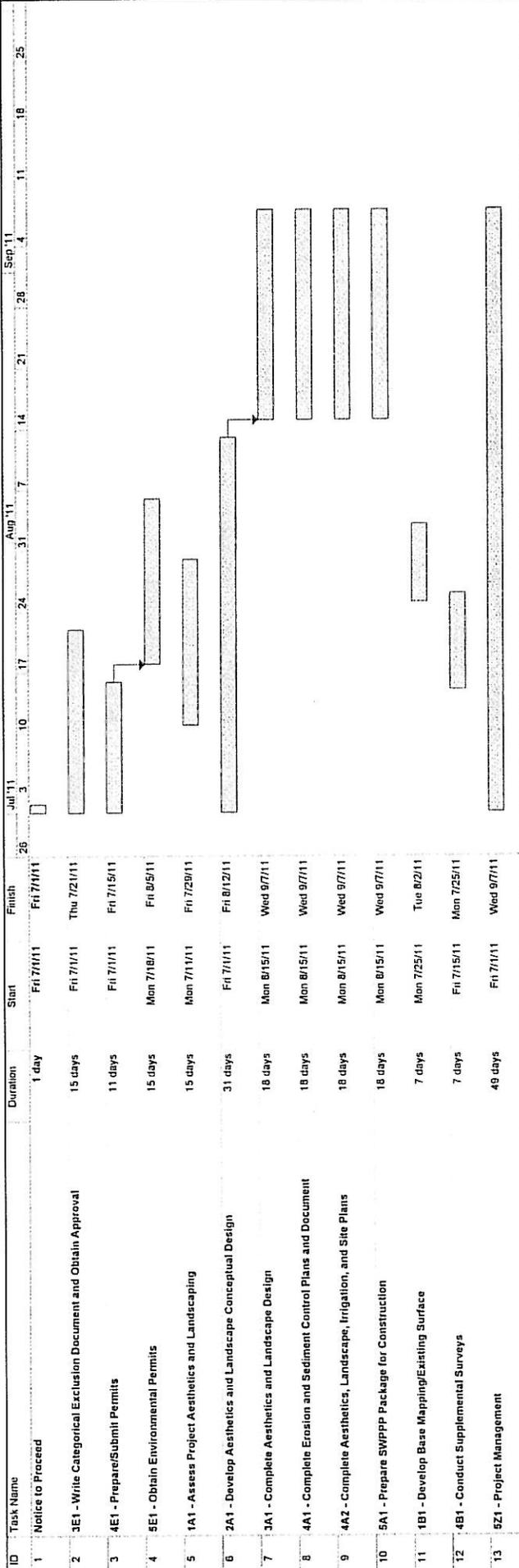
Name	Firm Name (Prime and Subs need to complete a detailed Staffing Plan)	Title (Within firm and/or proposed on project)	Certification Category/ Level	Utah License/ Certification No.	Other State License/ Certification No.	Education Level	Hours (Estimated number of project hours)	Rate of Pay (Current actual rate of pay)	Rate on Cost Proposal (note any pay raise variances)
Lars Anderson	PEC	Project Manager		R.L.A. 319519-5301		Masters of Landscape Architecture	178	\$51.50	\$53.00* 51.50
Dan Young	PEC	QC/QA Manager	Design/ IV	Structural Engineer; 354338-2203		B.S. Civil Engineering	45	\$49.04	\$52.00**
Dustin Wiberg	PEC	Environmental Planner	NEPA/FHWA			Masters of Landscape Architecture	76	\$24.00	\$24.00
Dan Snell	PEC	Project Engineer, EIT	Design/ III	Engineer in Training		B.S. Civil Engineering	14	\$32.00	\$32.00
Katelynn McCarthy	PEC	Clerical/ Administration	CEMT			High School	36	\$13.50	\$14.50** 14.00
Aaron Parson	PEC	Landscape Architect	Design	R.L.A. 747741-5301		Masters of Landscape Architecture	276	\$24.50	\$24.50
Barry Bunderson	PEC	Hydraulics Engineer		Professional Engineer; 177864-2202		M.S. Civil Engineering	18	\$26.00 31.00	\$26.00 31.00
Jessica Montcalm	PEC	Cultural Resource Specialist	NEPA/FHWA	N/A		Masters of History	28	\$25.00	\$25.00
Aaron Henegar	PEC	Landscape Designer	Design	(Pending R.L.A)		Masters of Landscape Architecture	226	\$24.00	\$24.00
Rod Moore	PEC	CADD Technician	Design/I			B.A.	80	\$18.00 17.00	\$18.00 17.00

"If a Consultant has a change in key personnel during a project, they are required to submit the proposed change in writing within 10 working days to the UDOT Project Manager (and Local Government, if applicable) for approval. If the Project Manager (PM) approves, the PM will forward the change and their approval to UDOT Consultant Services and the Comptroller's Office within 10 working days. If the PM does not approve, they may request a revision of the proposal, score the Consultant lower on the Consultant Project Evaluation, or terminate the contract."

* Note: 3% pay raise - anticipated January 2012

** Note: General Pay raise due to improved performance - anticipated January 2012

Porter Rockwell Road Project Schedule



Task Progress Milestone Summary Project Summary External Tasks External Milestone Deadline

Project: I-15, 24th Street Interchange ;
 Date: Tue 5/24/11
 Tue 5/24/11 9:59 PM

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
11/1/2010

PRODUCER
Hancock International, Inc.
7717 W. Deer Valley Rd., Ste. 130
Peoria, AZ 85382

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Travelers Indemnity Company	
INSURER B: Philadelphia Insurance Company	
INSURER C:	
INSURER D:	
INSURER E:	

INSURED
Project Engineering Consultants, Ltd
2310 W. Mission Ln., Ste. 4
Phoenix, AZ 85021

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR	ADD'L	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A	Y	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	680-326M3684	11/1/2010	11/1/2011	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
B	Y	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS GARAGE LIABILITY <input type="checkbox"/> ANY AUTO	PHPK647212	11/1/2010	11/1/2011	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC AGG \$
A		EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$10,000	CUP-00328M0619	11/1/2010	11/1/2011	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$ \$ \$
A		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER	XN-UB359T34-4-10	11/1/2010	11/1/2011	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

REC'D
R/11/10

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS
 UDOT, the State of Utah, and the Local Authority, are included as Additional Insured on the above coverages except Worker's Compensation. Coverages are primary and non-contributory.

CERTIFICATE HOLDER
UDOT Consultant Services
4501 S. 2700 W. Box 14849
Salt Lake City, UT 84119

CANCELLATION
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
 AUTHORIZED REPRESENTATIVE
John C. Hancock

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

AGCORD CERTIFICATE OF INSURANCE	DATE (MM/DD/YY) 5/24/10
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PRODUCER PROFESSIONAL INSURANCE BROKERS, INC. PMB 857 515 E. CAREFREE HIGHWAY PHOENIX, ARIZONA 85085-8839 V. 823/466-5300 F. 823/466-5933 800.666.2008 email: insurance@plbinc.com	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW COMPANIES AFFORDING COVERAGE COMPANY A ACE AMERICAN INSURANCE COMPANY COMPANY B COMPANY C COMPANY D
INSURED PROJECT ENGINEERING CONSULTANTS, LTD 2310 W. MISSION LANE, SUITE 4 PHOENIX, AZ 85021	

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE(MM/DD/YY)	POLICY EXP. DATE(MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				GENERAL AGGREGATE PRODUCTS-COMP/OP AGG PERSONAL & ADV INJURY EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP. (Any one person) COMBINED SINGLE LIMIT
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY EACH ACCIDENT AGGREGATE EACH OCCURRENCE AGGREGATE
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				STATUTORY LIMITS EACH ACCIDENT DISEASE - POLICY LIMIT DISEASE - EACH EMPLOYEE
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/ PARTNER/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL. <input type="checkbox"/> EXCL.				
A	OTHER PROFESSIONAL LIABILITY	G21075921 004	05/24/10	11/28/11	EACH CLAIM/AGGREGATE 1,000,000/2,000,000

RECEIVED
5/24/10

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
 This certificate of insurance neither affirmatively nor negatively amends, extends or alters the coverage or any provision of the policy described.

CERTIFICATE HOLDER UDOT ATTN: CALI P. BASTOW, POOL CONTRACT ADMINISTRATOR 4501 S. 2700 WEST, 4TH FLOOR BOX 148490 SALT LAKE CITY, UTAH 84114-8490	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL MAIL THIRTY (30) DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. AUTHORIZED REPRESENTATIVE
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FEES

**COST PLUS A FIXED FEE
WITH FIXED TOTAL ADDITIVE RATE**

1. **COST PLUS A FIXED FEE:** For all services and materials pertinent hereto and/or specifically described herein, except as otherwise explicitly cited, the LOCAL AUTHORITY agrees to pay the CONSULTANT for the actual allowable cost and the FIXED additives plus a fixed fee. Overhead rates have been reviewed, approved, and are limited to the costs which are allowable under Federal Acquisition Regulations, contained in Title 48 CFR, Part 31.

The contract cost includes direct labor expense, payroll additives; indirect costs and other direct non-salary costs as outlined below.

Guest meals (meals paid by a consultant or a consultant's employee for someone other than his/her self) shall not be eligible for reimbursement unless previously approved in writing by the DEPARTMENT Project Manager and the LOCAL AUTHORITY.

- (a) The direct labor expense is the actual salary expense for professional and technical personnel and principals for the time they are productively engaged in work necessary to fulfill the terms of this contract. The payroll additives and indirect costs are FIXED as 170.80% of the direct salary expense.
- (b) If necessary and DEPARTMENT approved, any additional direct expenses incurred in fulfilling the terms of this contract, including but not limited to travel and lodging, reproduction, telephone, equipment, supplies and fees of outside CONSULTANTS or sub-consultants will be reimbursed at actual costs.

If the CONSULTANT'S normal accounting practice is to include some of these costs as indirect expenses, then this contract will be consistent with that practice. These types of costs must be disclosed as part of your accounting practices and in conformance to Federal Cost Principles.

- (c) The fixed fee has been determined and agreed upon as 11.00% of the combined estimated direct labor and the Overhead amount, which represents the CONSULTANT'S profit of \$8,664.44. The fixed fee percentage is not a floating percent and should not be billed as a percent of labor. Rather, the fixed fee payment will be prorated and paid regularly in proportion to the percentage of work completed as reflected by the periodic invoices; that is, on the same ratio as the invoice cost bears to the originally estimated total for CONSULTANT'S actual cost which is the maximum amount payable minus the fixed fee. Any portion of the fixed fee payment not previously paid in the periodic payment will be covered in the final payment.

Overruns in the costs of the work do not warrant an increase in the fixed fee, but significant changes to the Scope of Work may require adjustment of the fixed fee in the contract as evidenced by a contract modification.

2. **MODIFICATIONS:** In the event the LOCAL AUTHORITY requires changes of services which materially affect the scope or work plan, with a resulting material increase in cost to the CONSULTANT, a contract modification for additional compensation and time for completion shall be entered into by the parties hereto prior to making such change. Any such work done without prior LOCAL AUTHORITY and the DEPARTMENT agreement shall be deemed ineligible for reimbursement by the DEPARTMENT. The LOCAL AUTHORITY will not entertain requests or claims for reimbursement and remuneration unless written approval is given prior to performance of the work.
3. **PROGRESS PAYMENTS:** Progress payments are based upon the approved percentage of work completed and are made pursuant to certified invoices received.
4. **INVOICES:** Invoices are to reflect charges as they apply to the appropriate contract, project, and account number, and must be certified and executed by an official legally authorized to bind the firm. The invoice must be substantiated with supporting documentation that is reviewed and approved by the

DEPARTMENT'S Project Manager and subject to final approval by the DEPARTMENT'S Comptroller's Office.

5. **FINAL PAYMENT:** Final invoice payment will be released only after all materials and services associated with this contract have been reviewed and approved by the DEPARTMENT'S Project Manager and finalized by the DEPARTMENT'S Comptroller's Office. The final invoice payment will not be released until a project evaluation form has been completed by the LOCAL AUTHORITY and the DEPARTMENT'S Project Manager and submitted to Consultant Services and the Comptroller's Office.

The DEPARTMENT'S Project Managers and the Comptroller's Office have the right to hold the final payment on certain projects when design and construction are performed by two separate Consultants or if there is a potential possibility of a design or construction error. The DEPARTMENT Comptroller's Office also has the right to hold the final invoice payment until the final audit is complete upon the request of the DEPARTMENT Project Manager.

6. **FINANCIAL SUMMARY:** The total maximum amount of disbursement pertinent to this contract shall not exceed \$87,682.03 Contract overruns will not be paid.
7. **COST PROPOSAL:** The overhead rate shown in the CONSULTANT'S and/or sub-consultant's cost proposal has been determined and agreed upon by the parties and is included in this contract. The CONSULTANT will invoice the DEPARTMENT using the actual Wage Rates, FIXED Overhead, prorated Fixed Fee, and any additional Direct Costs. Invoices submitted to the DEPARTMENT must reflect the staffing plan and associated hourly wage rates, labor hours used, and other costs submitted in the CONSULTANT cost proposal.

The Cost Proposal for the CONSULTANT and/or sub-consultant, if applicable, may be found in Attachment D, pages 3 through 3.

PORTER ROCKWELL ROAD
PROJECT NO. F-LC35 (206)
PIN 8652

TASK DESCRIPTION	PROJECT MANAGER	REVIEW ENGINEER PE	ENVR. PLANNER	CULTURAL RESOURCE SPECIALIST	DRAINAGE ENGINEER	UTILITY ENGINEER	LANDSCAPE ARCHITECT	LANDSCAPE ARCHITECT	CADD TECH.	CLERICAL/ADMIN	HOURS PER TASK	SUBS	RAW LABOR COST PER TASK
3E1 Write Categorical Exclusion Document and Obtain Approval	4	16	8	8	8	16	16	16	2	2	38		\$ 1,018.00
4E1 Prepare/Submit Permits	4	8	4	4	4	8	8	8	2	2	20		\$ 598.00
5E1 Obtain Environmental Permits	2	4	4	4	4	8	8	8	2	2	10		\$ 299.00
1A1 Assess Project Aesthetics and Landscaping	8	4	4	4	4	8	8	8	2	2	42		\$ 1,350.00
1B1 Develop Base Mapping/Existing Surface	2	2	2	2	2	4	4	4	1	1	36		\$ 867.00
4F1 Conduct Supplemental Surveys	2	2	2	2	2	4	4	4	1	1	18		\$ 491.00
2A1 Develop Aesthetics and Landscape Conceptual Design	2	2	2	2	2	4	4	4	1	1	64		\$ 1,667.00
3A1 Complete Aesthetics and Landscape Design	24	12	12	12	12	24	24	24	6	6	324		\$ 8,612.00
3V1 Plan In Hand Review Meeting	2	1	1	1	1	2	2	2	1	1	3		\$ 135.00
4A1 Complete Erosion and Sediment Control Plans and Document	2	2	2	2	2	4	4	4	1	1	68		\$ 1,691.00
4A2 Complete Aesthetics, Landscape Irrigation, and Site Plans	24	8	8	8	8	16	16	16	4	4	140		\$ 4,276.00
4V1 PS&E Review Meeting	16	8	8	8	8	16	16	16	4	4	56		\$ 1,992.00
5A1 Prepare SWPPP Package for Construction	2	2	2	2	2	4	4	4	1	1	36		\$ 979.00
5A1 Project Management	80	4	4	4	4	8	8	8	2	2	104		\$ 4,456.00
5Z1 Prepare, Submit & Process for Advertisement	4	4	4	4	4	8	8	8	2	2	18		\$ 636.00
TOTAL LABOR HOURS	178	45	76	28	18	14	276	276	81	36	977		\$ 29,087.00
RAW LABOR COSTS	\$ 9,167.00	\$ 2,340.00	\$ 1,824.00	\$ 700.00	\$ 538.00	\$ 448.00	\$ 6,762.00	\$ 5,424.00	\$ 1,360.00	\$ 504.00	\$		\$

TOTAL RAW LABOR COSTS	\$ 29,087.00
170.80% OVERHEAD	\$ 49,680.60
LABOR + OVERHEAD	\$ 78,767.60
11.0% FIXED FEE	\$ 8,664.44
Direct Expenses	\$
Subcontractors	\$
GRAND TOTAL	\$ 87,432.04

Direct Expenses Summary	
Mileage =	500 \$ 0.500 \$250.00
Per Diem	
Copies/Prints	
Total Direct Expenses	\$250.00