

***PINELLAS COUNTY GOVERNMENT IS COMMITTED TO PROGRESSIVE PUBLIC POLICY, SUPERIOR PUBLIC SERVICE, COURTEOUS PUBLIC CONTACT, JUDICIOUS EXERCISE OF AUTHORITY AND SOUND MANAGEMENT OF PUBLIC RESOURCES, TO MEET THE NEEDS AND CONCERNS OF OUR CITIZENS TODAY AND TOMORROW.***



**NON-CONTINUING PROFESSIONAL SERVICES AGREEMENT**

**RFP TITLE: 13<sup>th</sup> Street/Sands Point Drive Bridge Replacement;  
Madonna Blvd Bridge Replacement – Professional Engineering Services**

**RFP CONTRACT NO. 21-0678-NC (SS)**

**NON-CONTINUING FIRM: DRMP, Inc.**

# PROFESSIONAL ENGINEERING SERVICES NON-CONTINUING SERVICES AGREEMENT

## TABLE OF CONTENTS

<b>SECTION 1 INTENT OF AGREEMENT .....</b>	<b>3</b>
<b>SECTION 2 SCOPE OF PROJECT .....</b>	<b>4</b>
2.1 PROJECT DESCRIPTION AND PROFESSIONAL REQUIREMENTS.....	4
2.2 PROJECT PHASES.....	4
2.3 CONSULTING RESPONSIBILITIES.....	4
2.4 GENERAL DESIGN CONDITIONS.....	5
2.5 GOVERNING SPECIFICATIONS REGULATIONS AND PERTINENT DOCUMENTS.....	5
<b>SECTION 3 SERVICES TO BE FURNISHED BY THE CONSULTANT.....</b>	<b>6</b>
3.1 SEE EXHIBIT A – SCOPE OF SERVICES.....	6
3.2 BIDDING PHASE .....	6
3.3 CONSTRUCTION PHASE .....	7
3.4 PROVISIONS RELATED TO ALL PHASES .....	8
3.5 PERMIT APPLICATIONS AND APPROVALS.....	9
3.6 COORDINATION WITH UTILITY SERVICES AND AFFECTED PUBLIC AGENCIES.....	9
<b>SECTION 4 SERVICES TO BE FURNISHED BY THE COUNTY .....</b>	<b>10</b>
<b>SECTION 5 PRESENTATIONS, PUBLIC MEETINGS AND TECHNICAL LIAISON.....</b>	<b>10</b>
<b>SECTION 6 PAYMENT GUIDELINES AND CATEGORY OF SERVICES.....</b>	<b>10</b>
6.1 BASIC SERVICES .....	10
6.2 OPTIONAL SERVICES.....	10
6.3 CONTINGENCY SERVICES .....	11
6.4 ADDITIONAL SERVICES .....	11
6.5 INVOICING.....	11
<b>SECTION 7 COMPENSATION TO THE CONSULTANT .....</b>	<b>12</b>
<b>SECTION 8 PERFORMANCE SCHEDULE .....</b>	<b>13</b>
<b>SECTION 9 AUTHORIZATION FOR CONTINGENT OR ADDITIONAL SERVICES.....</b>	<b>13</b>
<b>SECTION 10 FIRMS AND INDIVIDUALS PROVIDING SUBCONSULTING SERVICES.....</b>	<b>13</b>
<b>SECTION 11 SATISFACTORY PERFORMANCE.....</b>	<b>13</b>
<b>SECTION 12 RESOLUTION OF DISAGREEMENTS.....</b>	<b>13</b>
<b>SECTION 13 CONSULTANT’S ACCOUNTING RECORDS .....</b>	<b>14</b>
<b>SECTION 14 OWNERSHIP OF PROJECT DOCUMENTS .....</b>	<b>14</b>
<b>SECTION 15 INSURANCE COVERAGE AND INDEMNIFICATION.....</b>	<b>14</b>
<b>SECTION 16 EQUAL EMPLOYMENT OPPORTUNITY CLAUSE FOR CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246.....</b>	<b>15</b>
<b>SECTION 17 INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986 .....</b>	<b>15</b>
<b>SECTION 18 PROHIBITION AGAINST CONTINGENT FEE .....</b>	<b>15</b>
<b>SECTION 19 TRUTH IN NEGOTIATIONS.....</b>	<b>15</b>
<b>SECTION 20 SUCCESSORS AND ASSIGNS.....</b>	<b>15</b>
<b>SECTION 21 INTEREST ON JUDGMENTS .....</b>	<b>15</b>
<b>SECTION 22 TERMINATION OF AGREEMENT .....</b>	<b>16</b>
<b>SECTION 23 AGREEMENT TERM.....</b>	<b>16</b>
<b>SECTION 24 CONFLICT OF INTEREST .....</b>	<b>16</b>
<b>SECTION 25 ENTIRE AGREEMENT.....</b>	<b>16</b>
<b>SECTION 26 PUBLIC ENTITY CRIMES.....</b>	<b>17</b>
<b>SECTION 27 PUBLIC RECORDS.....</b>	<b>17</b>
<b>SECTION 28 GOVERNING LAW AND AGREEMENT EXECUTION.....</b>	<b>18</b>

**SECTION 1  
INTENT OF AGREEMENT**

**AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES FOR  
13<sup>th</sup> Street/Sands Point Drive Bridge Replacement;  
Madonna Blvd Bridge Replacement – Professional Engineering Services**

THIS AGREEMENT, entered into on the \_\_\_\_ day of \_\_\_\_, 20 \_\_\_\_, between PINELLAS COUNTY, a political subdivision of the State of Florida, hereinafter referred to as the COUNTY, represented by its Board of County Commissioners, and, **DRMP, Inc.** with offices in Tampa, Florida hereinafter referred to as the CONSULTANT.

WITNESSETH, That:

WHEREAS, Pinellas County, herein referred to as the COUNTY, requires **PROFESSIONAL ENGINEERING SERVICES** associated with support to develop plans and specifications and perform all other professional engineering services as may be required during the construction of the 13<sup>th</sup> Street/Sands Point Drive Bridge Replacement project in Tierra Verde, Pinellas County, Florida

WHEREAS, the COUNTY desires the CONSULTANT provide PROFESSIONAL ENGINEERING SERVICES requisite to the development of the PROJECT; and

WHEREAS, the CONSULTANT has expressed the willingness and ability to provide the aforementioned Services; and

NOW THEREFORE, the COUNTY and the CONSULTANT, in consideration of the mutual covenants hereinafter set forth, agree as follows:

## SECTION 2 SCOPE OF PROJECT

### 2.1 PROJECT DESCRIPTION AND PROFESSIONAL REQUIREMENTS

For the purposes of this Agreement the term PROJECT shall include all areas of proposed improvements, all areas that may reasonably be judged to have an impact on the PROJECT, and all PROJECT development phases and the services and activities attendant thereto. It is not the intent of this Agreement to identify the exact limits or details involved in providing satisfactorily completed PROJECT construction documents. The CONSULTANT shall provide the following professional services to prepare construction plans, specifications, and complete applications for and receive all federal, state, and local permits required for construction of the PROJECT. The PROJECT design shall be based on the following data:

The CONSULTANT shall prepare a set of contract documents including plans, specifications, supporting engineering analysis, calculations and other technical documents in accordance with Pinellas County and/or FDOT policy, procedures and requirements. These Contract documents will be used by the contractor to build the project and by the COUNTY or its Construction Engineering Inspection (CEI) representatives for inspection and final acceptance of the project. The CONSULTANT shall follow a system engineering process to verify that required project components are included in the development of the Contract documents and the project can be built as designed and to specifications

All required federal, state, and local permits shall be obtained by the engineering consultant. Plans shall be prepared in accordance with Civil 3D Pinellas County Requirements. Exhibit A, Scope of Services is attached.

#### a) Required Deliverables

- Civil 3D file (eTransmit) of construction plans and for each transmittal phase. The plans shall be provided electronically, plus two (2) paper prints signed and sealed by a Professional Engineer certified in the State of Florida.
- All technical specifications required for construction of project.

### 2.2 PROJECT PHASES

All project phases shall be completed on or before the milestone dates provided in the COUNTY approved PROJECT design schedule referenced in Exhibit A.

### 2.3 CONSULTING RESPONSIBILITIES

- A. It is the intention of the COUNTY that the CONSULTANT is held accountable for its work, including checking and review of plans, and that submittals are complete.
- B. The CONSULTANT shall be responsible for the accuracy of the work and shall promptly correct its errors and omissions without additional compensation. Acceptance of the work by the COUNTY will not relieve the CONSULTANT of the responsibility for subsequent correction of any errors and the clarification of any ambiguities.
- C. The CONSULTANT represents that it has secured or will secure, at its own expense, all personnel necessary to complete this Agreement; none of whom shall be employees of or have any contractual relationship with the COUNTY. Primary liaison with the COUNTY will be through the CONSULTANT'S Project Manager. All of the services required hereunder will be performed by the CONSULTANT or under the CONSULTANT'S supervision, and all personnel engaged in the work shall be fully qualified and shall be authorized or permitted under law to perform such services.
- D. The CONSULTANT shall endorse all reports, calculations, contract plans, and survey data. Services shall be prepared under the direction of an engineer registered in the State of Florida and qualified in the required discipline. Products or services performed or checked shall be signed and sealed by the CONSULTANT'S Florida registered engineer.

- E. The CONSULTANT shall be responsible for the preparation of a PROJECT design schedule, prepared in Microsoft Project 2013 or later, which shows a breakdown of all tasks to be performed, and their relationship in achieving the completion of each phase of work. A bar chart schedule showing overall PROJECT time frames should also be prepared. These schedules must be submitted for COUNTY approval within ten (10) days of the initial PROJECT Notice to Proceed. These schedules will be used to verify CONSULTANT performance in relationship to Fees claimed and to allow the COUNTY'S Project Manager to monitor the CONSULTANT'S efforts. The CONSULTANT shall be responsible for any updates to these schedules and for documenting in writing to the COUNTY any major deviations in the actual versus estimated PROJECT time frames.
- F. The CONSULTANT shall respond, in writing, to all review comments made by the COUNTY, and shall incorporate appropriate design adjustments into the PROJECT, in a timely manner, resulting from the review exchange.

## 2.4 GENERAL DESIGN CONDITIONS

2.4.1 The CONSULTANT shall coordinate and solicit appropriate input, with the knowledge of the COUNTY.

2.4.2 All design data, plans, and drawings shall be delivered electronically and or on travel drives formatted to .DXF or .DWG utilizing Civil 3D 2022 as well as providing reproducible hard copies of plans and drawings. All specification and other documents shall be delivered electronically and or on two travel drives, Microsoft Word & Excel format as required, as well as the reproducible hard copies.

2.4.3 All deliverables shall be submitted, signed and sealed electronically unless specific submittal requirements are specified elsewhere in this Agreement.

2.4.4 The CONSULTANT shall develop acceptable alternates to any and all design recommendations that may be declared unacceptable.

## 2.5 GOVERNING SPECIFICATIONS REGULATIONS AND PERTINENT DOCUMENTS

2.5.1 The PROJECT shall be designed by the CONSULTANT in accordance with applicable industry standards. The CONSULTANT shall be responsible for utilizing and maintaining current knowledge of any laws, ordinances, codes, rules, regulations, standards, guidelines, special conditions, specifications, or other mandates relevant to the PROJECT or the services to be performed.

2.5.2 The Contractor and Subcontractor must register with and use the E-verify system in accordance with Florida Statute 448.095. The County will verify the work authorization of the Contractor and Subcontractor. A Contractor and Subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Contractor enters a contract with a Subcontractor, the Subcontractor must provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The Contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontractor has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least one (1) year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set forth in this section.

2.5.3 Supplier acknowledges and warrants that all digital content and services provided under this contract conforms and shall continue to conform during the Term of this Agreement to the W3C Web Content Accessibility Guidelines, version 2.0 ("WCAG 2.0") at conformance Level A and AA. If all digital content and services does not fully conform to WCAG 2.0 A and AA, Supplier shall advise Pinellas County in writing of the nonconformance prior to execution of this Agreement and shall provide Pinellas County a plan to achieve conformance to WCAG 2.0 A and AA, including but not limited to, an intended timeline for conformance. Failure to achieve conformance, as determined in Pinellas County's sole discretion, on its intended timeline shall be considered a material breach of this Agreement and grounds for termination by Pinellas County.

If during the Term of this Agreement, Supplier fails to maintain compliance with WCAG 2.0 A and AA or Pinellas County otherwise identifies an issue related to accessibility of the product (the "Accessibility Issue") that renders the product inaccessible, then Pinellas County shall notify Supplier of non-compliance. Within 30 days of Supplier's receipt of a non-compliance notice ("Notice"), Supplier and Pinellas County shall meet and mutually agree upon an appropriate timeline for resolution of the Accessibility Issue(s) ("Initial Meeting").

Should Supplier:

- i. fail to acknowledge receipt of the notice within 30 days of receipt of the Notice;
- ii. unreasonably and solely withhold agreement regarding a timeline for resolution for more than 30 days following the Initial Meeting; or
- iii. fail to materially resolve the Accessibility Issue(s) within the agreed-upon timeline,

Failure to comply with the requirements of this section shall constitute a material breach of this Agreement and shall be grounds for termination of this Agreement by Pinellas County and subject Supplier to section 15 of this Agreement, "Indemnification."

### **SECTION 3 SERVICES TO BE FURNISHED BY THE CONSULTANT**

3.1 SEE EXHIBIT A – SCOPE OF SERVICES.

3.2 BIDDING PHASE

The CONSULTANT shall prepare with the COUNTY'S assistance the necessary bidding information, bidding forms, the conditions of the contract, and the form of agreement between the COUNTY and the Contractor.

3.2.1 The CONSULTANT, following the COUNTY'S review of the Construction Documents and of the latest Statement of Probable Construction Cost, shall be available to assist the COUNTY in obtaining bids, and in preparing and awarding construction contracts for each bid package. The CONSULTANT shall assist conducting pre-bid conferences, and shall prepare a Bid Tabulation spreadsheet following receipt of bids.

3.2.2 If the Advertisement for bids has not commenced within sixty (60) days after the CONSULTANT submits the approved Construction Documents to the COUNTY, any fixed limit of Construction Cost established as a condition of this Agreement shall be adjusted to reflect any change in the general level of prices which may have occurred during that period of time in construction industry. The adjustment shall reflect changes between the date of submission of the Construction Documents to the COUNTY and the date on which the Advertisement for Bids occurred.

3.2.3 The CONSULTANT shall prepare any required addenda to construction plans and specifications on the PROJECT during the bidding phase affecting the CONSULTANT'S plans and specifications. The CONSULTANT shall also provide any addenda during the Construction Phase in sufficient quantity to distribute to all necessary parties as determined by the COUNTY. Addenda material shall be placed in envelopes by the CONSULTANT for mailing by the COUNTY. The CONSULTANT shall also furnish certified mail receipt material and prepare mailing labels. The COUNTY shall mail all addenda.

### 3.3 CONSTRUCTION PHASE

All contact and/or communication from the CONSULTANT to the Contractor shall be coordinated with the knowledge of the COUNTY.

#### A. Construction Consultation Services

1. Processing, review, approval and distribution of shop drawings, product data, samples and other submittals required by the Contract Documents.
2. Maintenance of master file of submittals with duplicate for COUNTY.
3. Construction Field Observation Services consisting of visits to the site as frequent as necessary, but not less than once every week, to become generally familiar with the progress and quality of the work and to determine in general if the work is proceeding in accordance with the Contract Documents and prepare related reports and communications. Provide written report of each visit. This field observation requirement shall include any sub-consultants at appropriate construction points.
4. Review for comment or approval any and all proposal requests, supplemental drawings and information and change orders.
5. Review for correctness Contractors pay requests for the COUNTY.
6. Prepare, reproduce and distribute supplemental drawings, specifications and interpretations in response to requests for clarification by the Contractor or the COUNTY as required by construction exigencies. Response to any request must be received by the COUNTY within twenty-four (24) hours of request, or the next available working day when the request is prior to a weekend or holiday.
7. Review, upon notice by the Contractor that work is ready for final inspection and acceptance.
8. Notify the COUNTY of any deficiencies found in follow-up reviews.
9. Evaluate all testing results and make recommendations to the COUNTY.
10. Assist in the establishment by the COUNTY of programs of operation and maintenance of the physical plant and equipment.
11. Arrange for and coordinate instructions on operations and maintenance of equipment in conjunction with manufacturer's representatives.
12. Prepare an operation and maintenance manual for the COUNTY'S use.

13. The CONSULTANT shall visit the project as necessary, but at a minimum of three (3) month, six (6) month and upon construction completion in order to certify that the permit conditions have been met satisfactorily. This shall not relieve the CONSULTANT of other needed visits to the project should specific issues arise.
14. Assistance in the training of the facility operation and maintenance personnel in proper operations, schedules, procedures and maintenance inventory.
15. Prepare as-built record drawings, based on information furnished by the Contractors including significant changes in the work made during construction. The CONSULTANT will provide one (1) set of signed and sealed prints and one (1) CADD disk of the as-built record construction documents.
16. Transmit certified as-built record drawings and general data, appropriately identified, to the COUNTY within thirty (30) days following completion of construction.
17. Consult with, and recommend solutions to, the COUNTY during the duration of warranties in connection with inadequate performance of materials, systems, and equipment under warranty.
18. Review facilities or equipment prior to expiration of warranty period(s) to ascertain adequacy of performance, materials, systems and equipment.
19. Document noted defects or deficiencies and assist the COUNTY in preparing instructions to the Contractor for correction of noted defects.
20. The Contractor shall provide the CONSULTANT with all the required project close out material for CONSULTANT'S use in the warranty period services.
21. The Contractor shall have prime responsibility in the warranty period for all services herein. The CONSULTANT shall assist, consult, observe review and document as noted.

#### 3.4 PROVISIONS RELATED TO ALL PHASES

3.4.1 The CONSULTANT will investigate and confirm in writing to the COUNTY, to the best of the CONSULTANT'S knowledge, conformance with all applicable local public and utility regulations.

3.4.2 The CONSULTANT will coordinate work designed by various disciplines.

3.4.3 The CONSULTANT shall submit to the COUNTY design notes and computations to document the design conclusions reached during the development of the construction plans.

- a. Five (5) copies of the design notes and computations shall be submitted to the COUNTY with the design development review plans. When the plans are submitted for final review, the design notes and computations corrected for any COUNTY comments shall be resubmitted. At the PROJECT completion, a final set of the design notes and computations, properly endorsed by the CONSULTANT, shall be submitted with the record set of plans and tracings.
- b. The design notes and calculations shall include, but not be limited to, the following data:



- 1) Design criteria used for the PROJECT.
- 2) Roadway geometric calculations
- 3) Structural calculations.
- 4) Drainage calculations.
- 5) Traffic design calculations
- 6) Traffic control calculations
- 7) Calculations as required by provisions of the Florida Energy Conservation Manual (Department of General Services), latest revision.
- 8) Calculations showing probable cost comparisons of various alternatives considered.
- 9) Documentation of decisions reached resulting from meetings, telephone conversations or site visits.
- 10) Other PROJECT-related correspondences as appropriate.

3.4.4 Each set of plans for the PROJECT shall be accurate, legible, complete in design, suitable for bidding purposes and drawn to scales acceptable to the COUNTY. The completed plans shall be furnished on reproducible material and in a format, which is acceptable to the COUNTY.

3.4.5 The CONSULTANT shall make such reviews, visits, attend such meetings and conferences and make such contacts as are necessary for the proper preparation of plans and specifications for the PROJECT.

3.4.6 The COUNTY in no way obligates itself to check the CONSULTANT'S work and further is not responsible for maintaining project schedules.

3.4.7 Other CONSULTANT responsibilities shall be as listed below:

- a. Provide necessary sealed drawings to obtain building permits or any utility permit.
- b. Assist the COUNTY in Contractor claims and/or litigation.
- c. Review the Adequacy and completeness of documents submitted by the Contractor to protect the COUNTY against claims by suppliers or third parties.

3.4.8 The CONSULTANT must be familiar with the intent, thoroughness, safety factors and design assumptions of all structural calculations.

3.4.9 All work prepared and/or submitted shall be reviewed and checked by a CONSULTANT (Architect/Engineer) registered in Florida. All plans shall be signed and sealed by the Professional CONSULTANT in responsible charge.

### 3.5 PERMIT APPLICATIONS AND APPROVALS

3.5.1 The CONSULTANT shall prepare all permit applications, data and drawings required for submittal BY THE COUNTY for approval of local, state and federal agencies.

3.5.2 The CONSULTANT shall, at no additional cost to the COUNTY, make all reasonable and necessary construction plans revisions required to obtain the necessary permit approvals for construction of the PROJECT.

3.5.3 For the purpose of ensuring the timely approval of all permits necessary for the construction of the PROJECT, the CONSULTANT shall schedule the necessary contacts and liaison with all agencies having permit jurisdiction over the PROJECT, and shall furnish, on a timely basis, such plans, data and information as may be necessary to secure approval of the required permits.

### 3.6 COORDINATION WITH UTILITY SERVICES AND AFFECTED PUBLIC AGENCIES

3.6.1 The requirements of the various utility services shall be recognized and properly coordinated with the PROJECT design.

3.6.2 Drainage investigations and drainage design shall be coordinated with any city or drainage district that may be affected by or have an effect on the PROJECT.

**SECTION 4  
SERVICES TO BE FURNISHED BY THE COUNTY**

- 4.1 The COUNTY shall provide the following for the CONSULTANT'S use and guidance:
- A. Copies of existing maps, existing aerial photographs, as-built construction plans and data pertinent to the PROJECT design, which the COUNTY may have in its possession.
  - B. Reproduces of the COUNTY Engineering Department Standard Drawings applicable to the PROJECT.
  - C. Sample copies of the COUNTY standard contract documents and specifications.
  - D. Preparation of legal (front-end) section of the specifications.

**SECTION 5  
PRESENTATIONS, PUBLIC MEETINGS AND TECHNICAL LIAISON**

The following services shall be provided at no additional cost to the COUNTY:

- 5.1 Prior to the commencement of design activities, the COUNTY will conduct with the CONSULTANT a pre-design conference for the purpose of discussing issues relative to the PROJECT, plans preparation and submittal procedures and to convey to the CONSULTANT such items provided for under Section 4 as may be required and available at that time.
- 5.2 The CONSULTANT shall make presentations to the COUNTY'S Director of Public Works or designee as often as reasonably requested and at any point in the PROJECT development should issues arise which make additional presentations other than those listed elsewhere in this Agreement, in the COUNTY'S best interest.
- 5.3 The CONSULTANT shall participate in Monthly PROJECT Conferences with COUNTY staff personnel. The meetings will be scheduled by the COUNTY at a location provided by the COUNTY.
- 5.4 The CONSULTANT shall attend, as technical advisor to the COUNTY all meetings or hearings conducted by permitting agencies or public bodies in connection with any permit required for the construction of the PROJECT, and shall prepare all presentation aids, documents and data required in connection with such meetings or hearings, and at the discretion of the COUNTY, shall either plead the COUNTY'S case or provide engineering and technical assistance to the COUNTY in its pleading of the case.
- 5.5 The CONSULTANT shall keep accurate minutes of all meetings and distribute copies to all attending. These meetings shall be set up through the COUNTY and appropriate COUNTY staff shall attend.

**SECTION 6  
PAYMENT GUIDELINES AND CATEGORY OF SERVICES**

6.1 BASIC SERVICES

The services described and provided for under Sections 2, 3 and Exhibit A shall constitute the Basic Services to be performed by the CONSULTANT under this Agreement.

6.2 OPTIONAL SERVICES

Services noted in Exhibit A of this Agreement as "Optional" shall constitute the Optional Services to be performed by the CONSULTANT under this Agreement. Optional Services shall be rendered by the CONSULTANT only upon written authorization by the COUNTY's Director of Public Works, or designee.

### 6.3 CONTINGENCY SERVICES

When authorized in writing by the COUNTY'S Director of Public Works or designee, the CONSULTANT shall furnish services resulting from unforeseen circumstances not anticipated under Basic Services due to minor changes in the PROJECT scope.

Compensation for any Contingency Services assignments shall be negotiated between the COUNTY and the CONSULTANT at the time the need for services becomes known.

### 6.4 ADDITIONAL SERVICES

When executed by the County Administrator or Board of County Commissioners as an amendment to this Agreement, the CONSULTANT shall provide such additional services as may become necessary because of changes in the Scope of PROJECT. Additional Services shall be classified as any change beyond the Contingency Services upset limit for compensation.

### 6.5 INVOICING

The CONSULTANT may submit invoices for fees earned on a monthly basis. Such invoicing shall be supported by a Progress Report showing the actual tasks performed and their relationship to the percentage of fee claimed for each phase. Billings within each phase of work shall be for the percentage of work effort completed to date for that phase. The COUNTY shall make payments to the CONSULTANT for work performed in accordance with the Local Government Prompt Payment Act, Section 218.70 et. seq., F.S.

The following services shall be considered reimbursable services and may be filled in full upon their completion and acceptance. The CONSULTANT shall provide copies of supporting receipts/invoices/billing documentation. Self-performed reimbursable work shall be reimbursed at the firm's standard hourly rates for all related services. A breakdown of man hours and billing rates shall be provided with each invoice. An hourly rate sheet is attached (Exhibit B).

- A. Soil Analysis/Geotechnical Investigations.
- B. Contamination Assessments/Hazardous Material Analysis (if required).
- C. Aerial Photography (if required).
- D. Payment of Permit Fees (if required).
- E. Payment of the Public Information Meeting Advertisements, if required.
- F. Payment of the Court Reporter for public meetings, if required.
- G. Printing and Binding Services.

Should an invoiced amount for fees earned appear to exceed the work effort believed to be completed, the COUNTY may, prior to processing of the invoice for payment, require the CONSULTANT to submit satisfactory evidence to support the invoice.

All progress reports shall be mailed to the attention of the designated Project Manager, Amin Vosouli at [avosouli@pinellascounty.org](mailto:avosouli@pinellascounty.org), or 14 South Ft Harrison Avenue, Clearwater, Florida 33756.

SUPPLIER shall submit invoices for payment due as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 et. seq, Florida Statutes, "The Local Government Prompt Payment Act." Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable  
Pinellas County Board of County Commissioners  
P. O. Box 2438  
Clearwater, FL 33757

Each invoice shall include, at a minimum, the Supplier's name, contact information and the standard purchase order number. The County may dispute any payments invoiced by SUPPLIER in accordance with the County's Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County's Dispute Resolution Process.

Fees for contingent or additional services authorized shall be invoiced separately, and shall be due and payable in full upon the presentation of satisfactory evidence that the corresponding services have been performed.

## **SECTION 7 COMPENSATION TO THE CONSULTANT**

7.1 For the BASIC SERVICES provided for in this Agreement, as defined in Section 3.1, the COUNTY agrees to pay the CONSULTANT as follows:

- A Lump Sum Fee of: \$36,289.92 for the Task 1 – General Task Phase of the PROJECT.
- A Lump Sum Fee of: \$119,713.66 for the Task 2 - Roadway Design & Plans Phase of the PROJECT.
- A Lump Sum Fee of: \$72,355.10 for the Task 3 – Drainage Design & Plans Phase of the PROJECT.
- A Lump Sum Fee of: \$260,664.87 for the Task 4 – Structural Design & Plans Phase of the PROJECT.
- A Lump Sum Fee of: \$34,484.23 for the Task 5 – Environment/Permitting Phase of the PROJECT
- A Lump Sum Fee of: \$38,390.26 for the Task 6 – Survey/SUE Phase of the PROJECT
- A Lump Sum Fee of: \$11,324.61 for the Task 7 – Utility Coordination Phase of the PROJECT
- A Lump Sum Fee of: \$86,212.26 for the Task 8 – Geotechnical Phase of the PROJECT
- A Lump Sum Fee of: \$17,237.75 for the Task 9 – Public Involvement Phase of the PROJECT
- A Lump Sum Fee of: \$33,595.16 for the Task 10 – Utility Design Phase of the PROJECT

The above fees shall constitute the total not to exceed amount of **(\$710,267.82)** to the CONSULTANT for the performance of Basic Services. All man hours are billed per the established and agreed hourly rates. The hourly rates are fully loaded and include all labor, overhead, expenses and profit of any nature including travel within the Tampa Bay Metropolitan Statistical area. Travel outside of the Tampa Bay Metropolitan Statistical Area will be reimbursed in accordance with Section 112.061 F.S. and/or the County Travel Policy, as approved by the County.

7.2 For the OPTIONAL SERVICES provided for in the Agreement, as defined in Exhibit A, the COUNTY agrees to pay the CONSULTANT as follows:

- A Lump Sum Fee of: **(\$120,184.61)** for the Task 7.2 of the PROJECT

7.3 For any CONTINGENCY SERVICES performed, the COUNTY agrees to pay the CONSULTANT, a negotiated fee based on the assignment, up to a maximum amount not to exceed **(\$60,000.00)** for all assignments performed.

7.4 Total agreement not-to-exceed amount **(\$890,452.43)**.

7.5 For any ADDITIONAL SERVICES, the COUNTY agrees to pay the CONSULTANT a negotiated total fee based on the work to be performed as detailed by a written amendment to this Agreement.

7.6 In the event that this Agreement is terminated under the provisions of this contract the total and complete compensation due the CONSULTANT shall be as established by the COUNTY based on the COUNTY'S determination of the percentage of work effort completed to date of termination.

**SECTION 8  
PERFORMANCE SCHEDULE**

Time is of the essence in this Agreement. The CONSULTANT shall plan and execute the performance of all services provided for in this Agreement in such manner as to ensure their proper and timely completion in accordance with the following schedule:

8.1 The services to be rendered by the CONSULTANT shall be commenced upon receipt from the COUNTY of written "NOTICE TO PROCEED."

8.2 All project phases shall be completed on or before the milestone dates provided in the COUNTY approved PROJECT design schedule referenced in 2.3 E.

8.3 The CONSULTANT shall not be held responsible for delays in the completion of the PROJECT design when the COUNTY causes such delays. The COUNTY reviews related to the above submittals shall not exceed twenty-one (21) days.

**SECTION 9  
AUTHORIZATION FOR CONTINGENT OR ADDITIONAL SERVICES**

9.1 The CONTINGENCY services provided for under this Agreement shall be performed only upon prior written authorization from the Director of Public Works or designee.

9.2 The ADDITIONAL services provided for under this Agreement shall be performed only upon approval of the County Administrator or Board of County Commissioners.

9.3 The CONSULTANT shall perform no services contemplated to merit compensation beyond that provided for in this Agreement unless such services, and compensation therefore, shall be provided for by appropriate written authorization or amendment(s) to this Agreement.

**SECTION 10  
FIRMS AND INDIVIDUALS PROVIDING SUBCONSULTING SERVICES**

The COUNTY reserves the right to review the qualifications of any and all subconsultants, and to reject any subconsultant in a proper and timely manner, deemed not qualified to perform the services for which it shall have been engaged. Any subconsultant not listed as part of the prime consultants team at time of award must be approved by the Director of Purchasing prior to performing any service.

**SECTION 11  
SATISFACTORY PERFORMANCE**

All services to be provided by the CONSULTANT under the provisions of this Agreement, including services to be provided by subconsultants, shall be performed to the reasonable satisfaction of the COUNTY'S Director of Public Works or designee.

**SECTION 12  
RESOLUTION OF DISAGREEMENTS**

12.1 The COUNTY shall reasonably decide all questions and disputes, of any nature whatsoever, that may arise in the execution and fulfillment of the services provided for under this Agreement.

12.2 The decision of the COUNTY upon all claims, questions, disputes and conflicts shall be final and conclusive, and shall be binding upon all parties to this Agreement, subject to judicial review.

### **SECTION 13 CONSULTANT'S ACCOUNTING RECORDS**

13.1 Records of expenses pertaining to all services performed shall be kept in accordance with generally accepted accounting principles and procedures.

13.2 The CONSULTANT'S records shall be open to inspection and subject to examination, audit, and/or reproduction during normal working hours by the COUNTY'S agent or authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the CONSULTANT or any of his payees pursuant to the execution of the Agreement. These records shall include, but not be limited to, accounting records, written policies and procedures, subconsultant files (including proposals of successful and unsuccessful bidders), original estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to this Agreement. They shall also include, but not be limited to, those records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this Agreement. The COUNTY shall not audit payroll and expense records on task assignments paid by lump sum fee.

13.3 For the purpose of such audits, inspections, examinations and evaluations, the COUNTY'S agent or authorized representative shall have access to said records from the effective date of the Agreement, for the duration of work, and until five (5) years after the date of final payment by the COUNTY to the CONSULTANT pursuant to this Agreement.

13.4 The COUNTY'S agent or authorized representative shall have access to the CONSULTANT'S facilities and all necessary records in order to conduct audits in compliance with this Section. The COUNTY'S agent or authorized representative shall give the CONSULTANT reasonable advance notice of intended inspections, examinations, and/or audits.

### **SECTION 14 OWNERSHIP OF PROJECT DOCUMENTS**

Upon completion or termination of this Agreement, all records, documents, tracings, plans, specifications, maps, evaluations, reports and other technical data, other than working papers, prepared or developed by the CONSULTANT under this Agreement shall be delivered to and become the property of the COUNTY. The CONSULTANT, at its own expense, may retain copies for its files and internal use. The COUNTY shall not reuse any design plans or specifications to construct another project at the same or a different location without the CONSULTANT'S specific written verification, adaptation or approval.

### **SECTION 15 INSURANCE COVERAGE AND INDEMNIFICATION**

15.1 The Consultant must maintain insurance in at least the amounts required in the Request for Proposal throughout the term of this contract. The contractor must provide a Certificate of Insurance in accordance with Insurance Requirements of the Request for Proposal, evidencing such coverage prior to issuance of a purchase order or commencement of any work under this Contract. See Section C Insurance Requirements – Attached

15.2 If the CONSULTANT is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the COUNTY relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance, operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the CONSULTANT will indemnify and hold harmless the COUNTY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of the Agreement.

**SECTION 16  
EQUAL EMPLOYMENT OPPORTUNITY CLAUSE  
FOR CONTRACTS NOT SUBJECT TO EXECUTIVE ORDER 11246**

In carrying out the contract, the CONSULTANT shall not discriminate against employee or applicant for employment because of race, color, religion, sex or national origin.

**SECTION 17  
INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE  
IMMIGRATION REFORM AND CONTROL ACT OF 1986**

CONSULTANT acknowledges that it is functioning as an independent Consultant in performing under the terms of this Agreement, and it is not acting as an employee of COUNTY. CONSULTANT acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control Act of 1986, located at 8 U.S.C. Section 1324, et seq., and regulations relating thereto. Failure to comply with the above provisions of this contract shall be considered a material breach and shall be grounds for immediate termination of the contract.

**SECTION 18  
PROHIBITION AGAINST CONTINGENT FEE**

The CONSULTANT warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Agreement, and that he has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement.

**SECTION 19  
TRUTH IN NEGOTIATIONS**

By execution of this Agreement, the CONSULTANT certifies to truth-in-negotiations and that wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of contracting. Further, the original contract amount and any additions thereto shall be adjusted to exclude any significant sums where the COUNTY determines the contract price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. Such adjustments must be made within one (1) year following the end of the contract.

**SECTION 20  
SUCCESSORS AND ASSIGNS**

The CONSULTANT shall not assign, sublet, or transfer his interest in this Agreement without the written consent of the COUNTY.

**SECTION 21  
INTEREST ON JUDGMENTS**

In the event of any disputes between the parties to this Agreement, including without limitation thereto, their assignees and/or assigns, arising out of or relating in any way to this Agreement, which results in litigation and a subsequent judgment, award or decree against either party, it is agreed that any entitlement to post judgment interest, to either party and/or their attorneys, shall be fixed by the proper court at the rate of five percent (5%), per annum, simple interest. Under no circumstances shall either party be entitled to pre-judgment interest. The parties expressly acknowledge and, to the extent allowed by law, hereby opt out of any provision of federal or state statute not in agreement with this paragraph.

**SECTION 22  
TERMINATION OF AGREEMENT**

22.1 The COUNTY reserves the right to cancel this Agreement, without cause, by giving thirty (30) days prior written notice to the CONSULTANT of the intention to cancel. Failure of the CONSULTANT to fulfill or abide by any of the terms or conditions specified shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the discretion of COUNTY. Alternatively, at the COUNTY'S discretion, the COUNTY may provide to CONSULTANT thirty (30) days to cure the breach. Where notice of breach and opportunity to cure is given, and CONSULTANT fails to cure the breach within the time provided for cure, COUNTY reserves the right to treat the notice of breach as notice of intent to cancel the Agreement for convenience.

22.2 If COUNTY terminates the Agreement for convenience, other than where the CONSULTANT breaches the Agreement, the CONSULTANT'S recovery against the COUNTY shall be limited to that portion of the CONSULTANT'S compensation earned through date of termination, together with any costs reasonably incurred by the CONSULTANT that are directly attributable to the termination. The CONSULTANT shall not be entitled to any further recovery against the COUNTY, including but not limited to anticipated fees or profit on work not required to be performed.

22.3 Upon termination, the CONSULTANT shall deliver to the COUNTY all original papers, records, documents, drawings, models, and other material set forth and described in this Agreement.

22.4 In the event that conditions arise, such as lack of available funds, which in the COUNTY'S opinion make it advisable and in the public interest to terminate this Agreement, it may do so upon written notice.

**SECTION 23  
AGREEMENT TERM**

This Agreement will become effective on the date of execution first written above and shall remain in effect for **one thousand four hundred and fifty (1,450)** consecutive calendar days from the commencement date on the Notice to Proceed) unless terminated at an earlier date under other provisions of this Agreement, or unless extended for a longer term by amendment.

**SECTION 24  
CONFLICT OF INTEREST**

24.1 By accepting award of this Contract, the CONSULTANT, which shall include its directors, officers and employees, represents that it presently has no interest in and shall acquire no interest in any business or activity which would conflict in any manner with the performance of services required hereunder, including as described in the CONSULTANT'S own professional ethical requirements. An interest in a business or activity which shall be deemed a conflict includes but is not limited to direct financial interest in any of the material and equipment manufacturers suppliers, distributors, or contractors who will be eligible to supply material and equipment for the PROJECT for which the CONSULTANT is furnishing its services required hereunder.

24.2 If, in the sole discretion of the County Administrator or designee, a conflict of interest is deemed to exist or arise during the term of the contract, the County Administrator or designee may cancel this contract, effective upon the date so stated in the Written Notice of Cancellation, without penalty to the COUNTY.

**SECTION 25  
ENTIRE AGREEMENT**

This Agreement represents, together with all Exhibits and Appendices, the entire written Agreement between the COUNTY and the CONSULTANT and may be amended only by written instrument signed by both the COUNTY and the CONSULTANT.



**SECTION 26  
PUBLIC ENTITY CRIMES**

CONSULTANT is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and CONSULTANT agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. CONSULTANT represents and certifies that CONSULTANT is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. CONSULTANT agrees that any contract awarded to CONSULTANT will be subject to termination by the County if CONSULTANT fails to comply or to maintain such compliance.

**SECTION 27  
PUBLIC RECORDS**

Consultant acknowledges that information and data it manages as part of the services may be public records in accordance with Chapter 119, Florida Statutes and Pinellas County public records policies. Contractor agrees that prior to providing services it will implement policies and procedures to maintain, produce, secure, and retain public records in accordance with applicable laws, regulations, and County policies, including but not limited to the Section 119.0701, Florida Statutes. Notwithstanding any other provision of this Agreement relating to compensation, the Consultant agrees to charge the County, and/or any third parties requesting public records only such fees allowed by Section 119.07, Florida Statutes, and County policy for locating and producing public records during the term of this Agreement.

**CONTRACTOR'S DUTY**

**If the contractor has questions regarding the application of Chapter 119, Florida Statutes, to the Contractor's duty to provide public records relating to this contract, contact the Pinellas County Board of County Commissioners, Purchasing Department, Operations Manager custodian of public records at 727-464-3311, [purchase@pinellascounty.org](mailto:purchase@pinellascounty.org), Pinellas County Government, Purchasing Department, Operations Manager, 400 S. Ft. Harrison Ave, 6<sup>th</sup> Floor, Clearwater, FL 33756.**


**SECTION 28  
GOVERNING LAW AND AGREEMENT EXECUTION**

This Agreement shall be governed by the laws of the State of Florida.

IN WITNESS WHEREOF, the parties herein have executed this Agreement as of the day and year first written above.

Firm Name: DRMP, Inc.

PINELLAS COUNTY, by and through its  
Board of County Commissioners

By:   
Print Name: Amanda E. Woods  
Title: Vice President Date: 5/25/22

By: \_\_\_\_\_  
Name \_\_\_\_\_ Date: \_\_\_\_\_  
Chairman

ATTEST:

Ken Burke, Clerk of the Circuit Court

By: \_\_\_\_\_  
Deputy Clerk \_\_\_\_\_ Date: \_\_\_\_\_

**APPROVED AS TO FORM**  
By: Jacina Parson  
Office of the County Attorney

# EXHIBIT A

# SCOPE OF SERVICES

**PRINCIPALS**

Lawrence L. Smith, Jr.  
Donaldson K. Barton, Jr.  
Glenn J. Lusink  
Jon S. Meadows  
Mark D. Prochak  
Mark E. Puckett

04/18/2022

**DRMP Job #:21-0469.00**

Amin Vosouli, P.E.  
14 S. Ft. Harrison Ave  
Clearwater, FL 33765

**Subject: Professional Engineering Services for 000971A - 13th Street/Sands Point Drive Bridge Replacement Contract No. 21-0678-NC (SS)**

Mr. Vosouli:

DRMP is pleased to provide professional engineering services for Pinellas County. As you requested, we have prepared the fee estimate to provide professional engineering services related for the 13th Street/Sands Point Drive Bridge Replacement project in Tierra Verde, Florida.

The professional services described in the attached "Scope of Services" will be provided as indicated below. The estimated work effort for this design corresponds to a total fee of \$890,452.43.

Design Fee	\$ 710,267.82	Lump Sum
Optional Services	\$ 120,184.61	Limiting Amount
Contingency	\$ 60,000.00	Lump Sum
<b>Total</b>	<b>\$ 890,452.43</b>	

It is anticipated that these services can begin immediately upon receipt of written authorization from the County. DRMP appreciates this opportunity to provide professional services to Pinellas County and will look forward to assisting you with this important project. Please contact me if you have any questions.

Sincerely,



Sincerely,  
**DRMP, Inc.**

Leo Rodriguez, PE  
Senior Structures Engineer  
Main: 813.265.9800 | Direct: 813.462.2661  
lrodriguez@drmp.com  
15310 Amberly Drive, Suite 200, Tampa, FL 33647

CC: AEW, PKP

**OFFICES**

Asheboro, North Carolina  
Boca Raton, Florida  
Cary, North Carolina  
Charlotte, North Carolina  
Chipley, Florida  
DeLand, Florida  
Fort Myers, Florida  
Gainesville, Florida  
Jacksonville, Florida  
Lakeland, Florida  
Melbourne, Florida  
Merritt Island, Florida  
Orlando, Florida  
Panama City Beach, Florida  
Pensacola, Florida  
Stockbridge, Georgia  
Tallahassee, Florida  
Tampa, Florida  
Troutman, North Carolina

**Exhibit A**

**SCOPE OF SERVICES**

**ENGINEERING CONSULTING SERVICES**

**BRIDGE REPLACEMENT DESIGN**

**For**

**13<sup>th</sup> St-Sands Pt Dr BRIDGE OVER PINE KEY CUTOFF –  
Bridge No. 154701**

**County PID: 000971A**

Prepared for:

**Capital Improvement Division**

**Pinellas County Public Works**

**14 S. Ft. Harrison Ave.**

**Clearwater, FL 33756**



**April 2022**

## Contents

<b>SCOPE OF SERVICES FOR CONSULTING ENGINEERING SERVICES .....</b>	<b>4</b>
<b>1. PROJECT TITLE .....</b>	<b>4</b>
<b>2. OBJECTIVE .....</b>	<b>4</b>
<b>3. PROJECT DESCRIPTION .....</b>	<b>4</b>
<b>4. PROJECT SCOPE OF WORK .....</b>	<b>4</b>
<b>5. PROJECT COMMON AND PROJECT GENERAL TASKS.....</b>	<b>5</b>
<b>5.1 PROJECT MANAGEMENT.....</b>	<b>5</b>
<b>5.2 CONTRACT MAINTENANCE .....</b>	<b>5</b>
<b>5.3 QUALITY ASSURANCE/QUALITY CONTROL: .....</b>	<b>5</b>
<b>5.4 PROJECT MEETING: .....</b>	<b>5</b>
<b>5.5 PUBLIC INVOLVEMENT:.....</b>	<b>6</b>
<b>6. ROADWAY ANALYSIS AND PLANS .....</b>	<b>6</b>
<b>6.1 TYPICAL SECTION: .....</b>	<b>6</b>
<b>6.2 PAVEMENT DESIGN: .....</b>	<b>6</b>
<b>6.3 TEMPORARY TRAFFIC CONTROL ANALYSIS AND PLANS: .....</b>	<b>6</b>
<b>6.4 HORIZONTAL AND VERTICAL MASTER FILES:.....</b>	<b>7</b>
<b>6.5 CROSS SECTION MASTER FILES:.....</b>	<b>7</b>
<b>6.6 DESIGN DOCUMENTATION: .....</b>	<b>7</b>
<b>6.7 COST ESTIMATE &amp; QUANTITIES:.....</b>	<b>7</b>
<b>6.8 SPECIFICATIONS PACKAGE PREPARATION SUPPORT .....</b>	<b>7</b>
<b>6.9 FIELD REVIEWS: .....</b>	<b>7</b>
<b>6.10 SIGNING AND PAVEMENT MARKING:.....</b>	<b>7</b>
<b>7. DRAINAGE .....</b>	<b>8</b>
<b>7.1 BRIDGE HYDRAULICS: .....</b>	<b>8</b>
<b>7.2 DESIGN OF STORMSEWER SYSTEM: .....</b>	<b>8</b>
<b>7.3 DRAINAGE DESIGN DOCUMENTATION REPORT: .....</b>	<b>8</b>
<b>7.4 SEA LEVEL RISE (SLR) VULNERABILITY AND ADAPTABILITY ANALYSIS.....</b>	<b>9</b>
<b>7.5 FIELD REVIEWS: .....</b>	<b>9</b>
<b>8. UTILITIES COORDINATION ASSISTANCE .....</b>	<b>9</b>
<b>9. ENVIRONMENTAL AND PERMITTING .....</b>	<b>10</b>
<b>10. STRUCTURES.....</b>	<b>12</b>
<b>10.1 BRIDGE DESIGN: .....</b>	<b>12</b>
<b>10.2 LOAD RATING:.....</b>	<b>12</b>
<b>10.3 WALLS:.....</b>	<b>12</b>

<b>10.4</b>	<b>TEMPORARY BRIDGE: (N/A)</b> .....	<b>12</b>
<b>10.5</b>	<b>FIELD REVIEWS:</b> .....	<b>12</b>
<b>10.6</b>	<b>TECHNICAL MEETINGS:</b> .....	<b>13</b>
<b>10.7</b>	<b>COST ESTIMATES:</b> .....	<b>13</b>
<b>10.8</b>	<b>TECHNICAL SPECIAL PROVISIONS:</b> .....	<b>13</b>
<b>11.</b>	<b>GEOTECHNICAL</b> .....	<b>13</b>
<b>12.</b>	<b>SURVEY</b> .....	<b>13</b>
<b>12.1</b>	<b>GENERAL REQUIREMENTS:</b> .....	<b>14</b>
<b>12.2</b>	<b>PROJECT LIMITS:</b> .....	<b>14</b>
<b>12.3</b>	<b>PROJECT CONTROL:</b> .....	<b>14</b>
<b>12.4</b>	<b>TOPOGRAPHIC SURVEY REQUIREMENTS:</b> .....	<b>14</b>
<b>12.5</b>	<b>SUBSURFACE UTILITY SURVEY REQUIREMENTS:</b> .....	<b>15</b>
<b>12.6</b>	<b>MAPPING:</b> .....	<b>16</b>
<b>12.7</b>	<b>DELIVERABLES:</b> .....	<b>17</b>
<b>13.</b>	<b>PLANS PREPARATION</b> .....	<b>17</b>
<b>14.</b>	<b>PUBLIC INVOLVEMENT</b> .....	<b>17</b>
<b>15.</b>	<b>OPTIONAL SERVICES (NOT TO EXCEED)</b> .....	<b>18</b>
<b>15.1</b>	<b>POST DESIGN SERVICES</b> .....	<b>18</b>
<b>15.2</b>	<b>PUBLIC INVOLVEMENT – IN PERSON</b> .....	<b>18</b>
<b>16.</b>	<b>UTILITY DESIGN</b> .....	<b>18</b>
<b>17.</b>	<b>COMPENSATION</b> .....	<b>20</b>
<b>18.</b>	<b>INVOICES &amp; PROGRESS REPORTS</b> .....	<b>20</b>
<b>19.</b>	<b>SCHEDULE</b> .....	<b>21</b>

## SCOPE OF SERVICES FOR CONSULTING ENGINEERING SERVICES

This Exhibit forms an integral part of the agreement between **Pinellas County** (hereinafter referred to as the **COUNTY**) and **DRMP, Inc. (DRMP)**, (hereinafter referred to as the **CONSULTANT**) relative to the transportation facility described as follows:

### 1. PROJECT TITLE

Professional Engineering Services for a Phase 3 Bridge Replacement Design for the **13<sup>TH</sup> St – SANDS PT Dr BRIDGE OVER PINE KEY CUTOFF – Bridge No. 154701.**

### 2. OBJECTIVE

The objective of this Exhibit is to define the responsibilities of the **CONSULTANT** and the **COUNTY** in connection with the design and preparation of a set of construction contract documents and incidental engineering services, as necessary, for improvements to the transportation facility known as **13<sup>TH</sup> St – SANDS PT Dr BRIDGE OVER PINE KEY CUTOFF – Bridge No. 154701.** A Phase 1 Preliminary Engineering Report – Bridge Rehabilitation, Widening or Replacement Study dated December 2018 was performed recommending a Bridge Replacement. In addition, a Phase 2 Preliminary Engineering Report – Bridge Replacement Evaluation dated January 2021 was performed and serves as the basis for the Phase 3 evaluation.

### 3. PROJECT DESCRIPTION

The **13<sup>TH</sup> St – SANDS PT Dr BRIDGE OVER PINE KEY CUTOFF – Bridge No. 154701** is located 0.1 miles east of SR 679 (Pinellas Bayway) in Tierra Verde, Pinellas County. The bridge has a total length of 120 feet and a roadway width of 37.7 feet with sidewalk on both sides. The bridge was built in 1957 and reconstructed in 1992. The bridge is a three (3) span, prestressed concrete girder with a cast-in-place deck slab with no historical significance.

### 4. PROJECT SCOPE OF WORK

The **COUNTY** is seeking the professional services of an engineering consultant to prepare a set of contract documents including plans, specifications, supporting engineering analysis, calculations and other technical documents in accordance with Pinellas County and/or FDOT policy, procedures and requirements. These Contract documents will be used by the contractor to build the project. These Contract documents will be used by the **COUNTY** or its Construction Engineering Inspection (CEI) representatives for inspection and final acceptance of the project. The **CONSULTANT** shall follow a systems engineering process to verify that required project components are included in the development of the Contract documents and the project can be built as designed and to specifications.

The design services include:

- Roadway Analysis and Plans
  - Typical Section



- Pavement Design Support (Limited to County Provided)
- Traffic Control Analysis and Plans
- Horizontal and Vertical Master Files
- Roadway Plans
- Design Documentation
- Cost Estimate & Quantities
- Specification Package Preparation Support
- Field Reviews
- Technical Meetings
- Drainage
  - Bridge Hydraulics
  - Design of Stormsewer System
  - Drainage Plans
  - Drainage Design Documentation Report
  - Field Reviews
  - Technical Meetings
- Utilities Coordination Assistance
- Environmental And Permitting
- Structures
  - Load Rating
  - Technical Special Provisions
  - Temporary Bridge
- Signing and Pavement Marking Plans
- Lighting (N/A)
- Geotechnical
- Survey
- Public Workshop

## 5. PROJECT COMMON AND PROJECT GENERAL TASKS

### 5.1 Project Management

The **CONSULTANT** will be responsible for general project administration, project coordination with other disciplines, subconsultants and the **COUNTY**.

### 5.2 Contract Maintenance

The **CONSULTANT** shall setup and submit monthly invoices along with updated schedule and project status report.

### 5.3 Quality Assurance/Quality Control:

The **CONSULTANT** shall implement their Quality Control Plan (QCP) to verify submittals meet QCP criteria. The QCP shall be submitted to the **COUNTY** within twenty-one (21) days of NTP for review. In addition, the **CONSULTANT** shall provide a copy of the QC'd plans as part of the Design Documentation phase submittals.

### 5.4 Project Meeting:

The **CONSULTANT** shall attend monthly progress meetings to coordinate the development of the project. The **CONSULTANT** shall provide a meeting agenda prior to each meeting and shall provide

written minutes of each meeting within 7 business days after the meeting for COUNTY approval prior to distribution to attendees.

**5.5 Public Involvement:**

The **CONSULTANT** will provide support to the **COUNTY's** public involvement efforts. Assistance will include preparation of public outreach materials, such as notification flyer or post card which the **COUNTY** will mail; securing meeting location; graphic displays for in-person public meeting and/or electronic materials should the meeting be held in a hybrid format. The **CONSULTANT** shall also attend the public information meeting.

**6. ROADWAY ANALYSIS AND PLANS**

The roadway plans shall be prepared in a Plan/Profile format. The Plan/Profile sheets shall be plotted at a horizontal scale of 1" = 40'. In recognition of the tight right-of-way constraints the limits of the project shall be minimized to the full extent possible on the bridge approaches. The limits shall be long enough to verify a transition from the existing typical section to the proposed bridge typical section. No design variations are anticipated.

**6.1 Typical Section:**

The typical section shall be consistent with the appropriate requirements of the Pinellas County codes and manuals, Florida Greenbook and FDOT Design Manual. The typical section shall include at a minimum 10-foot travel lanes, curb and gutter, and 6-foot-wide sidewalk. The **CONSULTANT** shall include sidewalk along the north and south side of the road from Pinellas Bayway to 3rd Ave S. The **COUNTY** will provide a build/No-build decision during the 30% submittal review.

**6.2 Pavement Design:**

The pavement design shall utilize the Pinellas County Public Works Pavement Guidelines dated April 2008. The **CONSULTANT** shall also evaluate the pavement condition both visually and through pavement cores, provided by the **CONSULTANT**, to determine any deficiencies in the asphalt and/or roadway base. The **CONSULTANT** shall provide recommendations for correcting any such deficiencies.

**6.3 Temporary Traffic Control Analysis and Plans:**

The **CONSULTANT** shall design an effective Traffic Control Plan to move vehicular traffic during phases of construction. Traffic control phasing will be developed in accordance with recommendations contained in the Phase 2 Preliminary Engineering Report– Bridge Replacement Evaluation for the 13th St-Sands Pt Dr Bridge over Pine Key Cutoff dated February 2020. It is anticipated that the construction will require restriction of the two lane two way roadway to one lane two way operation. Typical sections will be prepared and presented to the public depicting the traffic control scheme. Components of the Traffic Control Plan anticipated are as follows:

- General Notes
- Phase Typical Sections
- Temporary Signal Details/Notes
- Advance Signing Details

**6.4 Horizontal and Vertical Master Files:**

The **CONSULTANT** shall design the geometrics using the design standards that are appropriate, with proper consideration given to the design traffic volumes, design speed, capacity and levels of service, functional classification, adjacent land use, design consistency and driver expectancy, aesthetics, elder road user policy, and scope of work.

At a minimum, the Florida Greenbook Standards (2018) shall be met.

**6.5 Cross Section Master Files:**

The **CONSULTANT** shall develop cross sections at 50' intervals to define the scope of work in accordance with the design. Cross-sections will be developed to support needed earthwork computations. Sections will depict existing utility locations.

**6.6 Design Documentation:**

The **CONSULTANT** shall provide Design Documentation to the **COUNTY** with each submittal consisting of roadway design calculations, quantity backup printouts, and other supporting documentation developed during the development of the plans. The design calculations submitted shall adequately address the design of roadway elements. These calculations shall be neatly and logically presented on digital media or, at the **COUNTY's** request, on 8 ½"x11" paper and sheets shall be numbered. A cover sheet indexing the contents of the calculations shall be included and the **CONSULTANT** engineer shall sign and seal that sheet. Computer programs and parameters used in the design calculations shall include appropriate backup information to facilitate the review task.

**6.7 Cost Estimate & Quantities:**

The **CONSULTANT** shall develop a construction cost estimate for the project. These estimates will be based on the customary engineering assumptions available at the time of the respective plans submittal.

The **CONSULTANT** shall prepare bid quantities that include bid items, which comprise the project design. Bid items shall be referenced to **COUNTY** & FDOT measurement and pay items as applicable. Bid proposal sheets to be included in the contract documents shall be prepared by the **COUNTY** based on the **CONSULTANT'S** quantities.

**6.8 Specifications Package Preparation Support**

The **CONSULTANT** shall assist the **COUNTY** in preparation of a specifications package. The **CONSULTANT** shall provide Technical Special Provisions and review of required **COUNTY** and **FDOT** supplemental specifications as applicable for items and areas of work. The **CONSULTANT** shall utilize the appropriate **COUNTY** recommended pay item structure.

**6.9 Field Reviews:**

The **CONSULTANT** shall perform a field review of the project site.

**6.10 Signing and Pavement Marking:**

The **CONSULTANT** shall analyze and document Signing and Pavement Markings Tasks in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums. The **CONSULTANT** shall prepare a set of Signing and Pavement Marking Plans in accordance with all applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums that includes the following.

## 7. DRAINAGE

The **CONSULTANT** shall analyze and document drainage tasks in accordance with applicable manuals, guidelines, standards, handbooks, procedures, and current design memorandums that are appropriate for the project. Conceptual design work shall comply with the requirements of the appropriate regulatory agencies and the Pinellas County Stormwater Manual. The **CONSULTANT** shall coordinate fully with the appropriate permitting agencies and the **COUNTY's** staff. Activities and submittals should be coordinated through the **COUNTY's** Project Manager. The work will include engineering analysis for the following:

### 7.1 Bridge Hydraulics:

Prepare a Bridge Hydraulics Report for the 13th St-Sands Pt Dr Bridge over Pine Key Cutoff. The **CONSULTANT** shall perform the following proposed bridge hydraulic modeling effort for this project:

- Data collection- perform field review; review Bridge Inspection Reports; review Bridge Scour Evaluation Reports (phase I through IV if available); obtain scour, obtain bathymetric data, topographic data, wind data and gage data.
- Modify existing two-dimensional hydraulic model of the Tampa Bay area to include increase resolution of the Pine Key Cutoff and bridge crossing. The mesh will be modified for the existing and proposed condition.
- Compute the wave climate at the bridge employing standard USACE methodologies and wave loads should the bridge low chord intersect the 100-year maximum wave crest.
- Perform a preliminary stream stability assessment per the FHWA Engineering Circular HEC 20, entitled Stream Stability at Highway Structures.
- Compute predicted scour based on the FHWA Engineering Circular HEC 18, entitled Evaluating Scour at Bridges and the Florida Scour Manual. Scour predictions will be performed for the 100-year and 500-year storm event.
- Develop abutment protection and toe protection at the seawall based on design flows.
- Prepare a Bridge Hydraulics Recommendation Sheet (BHRS).

### 7.2 Design of Stormsewer System:

Design roadway stormsewer system at bridge approaches and bridge deck drainage to accommodate new bridge footprint. Assumption is made that no stormwater management facilities will be required. However, the **CONSULTANT** shall evaluate the need of a stormwater management facility in this project.

### 7.3 Drainage Design Documentation Report:

Compile drainage design documentation into report format. Include documentation for the drainage design tasks and associated meetings and decisions. Evaluate the deck drainage to verify gutter spread does not exceed allowable width. Due to the bridge length, scuppers will not be allowed and inlet recommendations will be determined for the bridge ends. No stormwater management design is assumed for the project as the bridge will not add traffic capacity.

7.4 Sea Level Rise (SLR) Vulnerability and Adaptability Analysis

The **CONSULTANT** shall evaluate the project utilizing the **COUNTY**'s Guidance for Incorporating Sea Level Rise into Capital Planning in Pinellas County Screening Tool.

7.5 Field Reviews:

The **CONSULTANT** shall perform a field review of the project site.

**8. UTILITIES COORDINATION ASSISTANCE**

Utility Coordination - The **COUNTY** is responsible for coordinating its design work with public and private Utility Agency/Organizations having existing and/or planned facilities within the limits of the project. The **COUNTY** will provide the UAO's project plans and/or Civil 3D files at the 15% L&G, 60% and 100% complete design phases, as drafted by the **CONSULTANT**. In the event that the project files are larger than UAO's email servers allow (generally 10MB), the **CONSULTANT** will provide electronic plan and/or Civil 3D file transfer as directed by the **COUNTY**. At the 15% L&G phase (if applicable), UAO's will be sent plans and instructed to provide green lines back to the County. This submittal will be used to ensure that all existing utility infrastructure was gathered. During the 60% complete design phase, the UAOs will be instructed to return a set of plans to the **COUNTY** showing their utility relocations/adjustments, new facility designs, existing utility facilities to remain and utility facilities to be removed. The **COUNTY**'s and **CONSULTANT**'s utility coordination responsibilities will continue throughout the design process to assist with resolving potential utility conflicts.

Utility Adjustment Plans - The **CONSULTANT** shall prepare utility adjustment sheets as part of the project plan set to show existing public and private utility facilities remain in place, new utility facilities to be constructed and utility facilities to be removed. Utility adjustment plans will be prepared on reproducible copies of the plan and profile sheets, cross section sheets, drainage structure sheets and signalization plans, if applicable. The **CONSULTANT** is to identify all potential utility conflicts or constructability issues (i.e., OSHA clearance issues with equipment relating to overhead power lines) based on the data provided within the Survey, horizontal and vertical field investigations and information provided by the UAOs. Any Quality Level D utility information received from UAOs should not be incorporated into the plans but will be used for additional Survey or SUE investigation. A conflict matrix itemizing utility conflicts by UAO shall be prepared by the **CONSULTANT** and submitted to the **COUNTY**.

The **COUNTY** will distribute plans to UAOs. Four weeks on average should be allowed for each UAO to respond with appropriate resolution. The **CONSULTANT** shall coordinate with the **COUNTY** and UAOs to determine areas of apparent conflict or constructability concerns and request Subsurface Utility Engineering activities (Conflict Resolution) to confirm whether or not a conflict exists and to what degree. The 100% design review submittal shall include final utility adjustment plans that reflect the final disposition of all public and private utilities. Any subsequent utility conflicts are to be resolved and all final design revisions complete at the final design submittal.

Utility Coordination Meetings - The **CONSULTANT** shall attend utility coordination meetings to be held after the 60% design submittal and prior to the 100% final design submittal. The meetings will be held an average of 30-45 days after notification to utility agencies. The **COUNTY** will be

responsible for organizing these meetings. The **COUNTY** will prepare formal correspondence issuing project plans and/or Civil 3D files as outlined above. The **COUNTY** should moderate the meeting. The **CONSULTANT** will discuss the project design (roadway, sidewalk, drainage, etc.) with particular emphasis on potential utility conflicts and constructability concerns. The **CONSULTANT** will prepare detailed minutes and distribute to all attendees. Representation at the meeting should consist of internal County stakeholders, **CONSULTANT** engineering staff and UAOs with facilities located and/or planned within the project limits.

Final agreements with Utilities (Final Plans) - The **COUNTY** will transmit the necessary legal drafts and documents to each UAO as required.

Review and Acceptance – The **CONSULTANT** will be responsible for making all necessary reviews and acceptance of utility related materials including but not limited to, Utility Right of Way Permitting, Joint Project Agreement Plans, Utility Work Schedules and technical specifications.

Certification for FDOT LAP Agreement Projects (if applicable) - The **COUNTY** will certify the following: All utility negotiations (full exception of each agreement, technical special provisions, etc.) have been completed with arrangements made for utility work to be undertaken and completed as required for proper coordination with the physical construction schedule.

OR

An on-site inspection was made, and no utility relocation work should be involved.

OR

Plans were sent to the UAOs and no relocations/adjustments are required.

## **9. ENVIRONMENTAL AND PERMITTING**

The CONSULTANT shall prepare permit applications, technical data and supporting documentation for permits to be submitted by the COUNTY. The CONSULTANT shall act as an Agent of the COUNTY to acquire state and federal permits for the proposed project. Prior to the completion of the 30% design phase, the CONSULTANT shall contact COUNTY PM and Permit Coordinator to schedule a pre-application meeting with the Southwest Florida Water Management District (SWFWMD) to discuss and identify specific permitting requirements for the project. The CONSULTANT shall attend pre-application meetings with COUNTY staff. The CONSULTANT shall provide a meeting agenda for COUNTY review 2 business days prior to each meeting and shall provide written minutes of each meeting within 7 business days after the meeting for COUNTY approval prior to distribution to attendees. The CONSULTANT shall coordinate with the U.S. Coast Guard (USCG) to determine whether a USCG Bridge Permit is required for the project or if the project will qualify for Advance Approval (AA). The CONSULTANT shall also coordinate with the U.S. Army Corps of Engineers (USACE) to determine the type of permit that would be applicable to the project. The CONSULTANT shall visit the project site with COUNTY and respective regulatory agencies, as necessary, to determine the applicability of permits.

The CONSULTANT shall establish the landward extent of state and federal jurisdictional wetlands and surface waters pursuant to Chapter 62-340 F.A.C. and the Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region; Version 2.0.

(USACE, 2010). The CONSULTANT shall survey the extent of mangroves within, and adjacent to, the project's limits-of-construction and depict their locations on the construction plans.

The CONSULTANT shall conduct in-water surveys to identify the presence or absence of submerged aquatic vegetation (SAV) within the proposed project limits. The CONSULTANT shall prepare a Technical Memorandum for the COUNTY detailing the results of the in-water surveys and environmental analysis. The CONSULTANT shall prepare assessments of the value of wetlands proposed for impact. Assessments will be done using the Uniform Mitigation Assessment Methodology (UMAM) as required by SWFWMD and the USACE. If requested by the regulatory agencies, the CONSULTANT shall conduct field reviews with the SWFWMD and USACE to verify the limits of the surveyed jurisdictional limits. If requested by the permitting agencies, a signed & sealed Specific Purpose Survey will be obtained by the CONSULTANT and provided to the COUNTY.

The CONSULTANT shall develop written text, graphics, permit drawings, etc. necessary for permit applications. If applicable, the CONSULTANT shall develop required information to submit a USCG Bridge Permit application in accordance with the recent format required by the USCG. The CONSULTANT shall submit the completed draft permit applications to the COUNTY for review and signature after receiving and incorporating comments from the 60% design QC review, unless agreed upon otherwise by the COUNTY.

If required, the CONSULTANT shall develop conservation measures to mitigate for impacts to protected species and management strategies to provide a greater degree of assurance that protected species are not adversely affected during construction.

The CONSULTANT shall coordinate with COUNTY PM and Permit Coordinator until permits are obtained. The CONSULTANT shall respond to requests for additional information (RAI), including completion of design revisions that may be required to secure the required permits. The CONSULTANT shall coordinate with the COUNTY PM and Permit Coordinator to meet with the regulatory agencies as may be necessary to resolve permitting issues. The CONSULTANT shall coordinate with the COUNTY PM and Permit Coordinator on correspondences to permitting agencies and shall not contact permitting agency to discuss the project without COUNTY PM and Permit Coordinator approval.

If mitigation is required, the CONSULTANT shall coordinate with the COUNTY Permit Coordinator to identify a recommended wetland mitigation plan to compensate for wetland impacts. No formal mitigation design plans or permitting activities are proposed under this Scope of Services. Additional scope tasks with respect to mitigation design or conservation easements will be considered as additional services.

The **CONSULTANT** shall conduct a hazardous material survey to identify the presence or absence suspected lead, asbestos containing materials or other potentially hazardous materials which might require mitigation by the **COUNTY** or the contractor prior to or during construction of the Project. The **CONSULTANT** will establish and confirm responsibility for removing identified hazardous materials in the design development documents and coordinate such removal with project schedule, cost estimate and any other contract documentation.

## 10. STRUCTURES

### 10.1 Bridge Design:

The **CONSULTANT** shall use the previously recommended Phase 2 Preliminary Engineering Report – Bridge Replacement Evaluation and its recommendations to identify the geometry of the structure.

The **CONSULTANT** shall design the replacement bridge in accordance with the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (commonly known as the “Florida Greenbook”), FDOT Structures Manual and the AASHTO LRFD Bridge Design Specifications as appropriate.

The **CONSULTANT** shall provide Design Documentation to the **COUNTY** with each submittal consisting of structural design calculations and other supporting documentation developed during the development of the plans. The design calculations submitted shall adequately address the design of structural elements. These calculations shall be neatly and logically presented on digital media or, at the **COUNTY**'s request, on 8 ½"x11" paper and sheets shall be numbered. The final design calculations shall be signed and sealed by a Florida-licensed professional engineer. A cover sheet indexing the contents of the calculations shall be included and the engineer shall sign and seal that sheet. Computer programs and parameters used in the design calculations shall include appropriate backup information to facilitate the review task.

The **CONSULTANT**'s Plans shall make provisions to accommodate affected utilities.

The **CONSULTANT**'s Plans shall make provisions for the erosion protection of the bridge approaches and embankments.

### 10.2 Load Rating:

The **CONSULTANT** shall provide the bridge load rating of the final bridge configuration in accordance with the FDOT's latest Bridge Load Rating Procedures. The FDOT Computer Load Rating Programs shall be used for the bridge types and components they are capable of rating. The load rating documentation must include final calculations, computer printouts and an FDOT Load Rating Summary Sheet. The Load Rating documentation shall be submitted with the Final Plans Package.

### 10.3 Walls:

The **CONSULTANT** shall evaluate the following walls:

- Above grade walls in lieu of sloped embankments to transition from the end bents to the roadway elevation and avoid impacts to adjacent driveways and residences.
- Replacement of existing seawalls to reduce the end bent embankments restricting the channel. Proposed seawalls may consist of anchored sheet pile wall. Provide transitions to existing seawalls to remain.
- Depending on scour analysis and tidal evaluation, evaluate the removal or strengthening of existing sheet pile wall across channel.

### 10.4 Temporary Bridge: (N/A)

### 10.5 Field Reviews:

The **CONSULTANT** shall make as many trips to the project site as required to obtain necessary data for elements of the project.



*10.6 Technical Meetings:*

The **CONSULTANT** shall attend technical meetings as necessary to review and discuss specific technical design aspects of the project. The **CONSULTANT** shall provide a meeting agenda and prepare and submit meeting minutes within five (5) working days after the meeting.

*10.7 Cost Estimates:*

The **CONSULTANT** is responsible for producing a construction cost estimate and reviewing and updating the cost estimate when scope changes occur and/or at milestones of the project. A Summary of Pay Items sheet shall be prepared with required Plan's submittals as required.

*10.8 Technical Special Provisions:*

The **CONSULTANT** shall provide Technical Special Provisions for items of work not covered by the FDOT's Specifications. Technical Special Provisions shall be submitted on standard size sheets. The final Technical Special Provisions shall be signed and sealed by a Florida-licensed professional engineer.

## **11. GEOTECHNICAL**

The **CONSULTANT** shall provide a geotechnical study to obtain information necessary for the project. The geotechnical study shall provide all information necessary for the **CONSULTANT** to determine the current soil conditions, bridge foundation design requirements, pavement design, suitability of soils for drainage structures, existing groundwater levels and estimation of seasonal high groundwater table, and be in accordance with FDOT and **COUNTY** standards, or as otherwise directed.

The **CONSULTANT** shall provide a boring plan to the **COUNTY** for approval and apply for a permit from the **COUNTY** prior to performing any work within the right of way. The permit application shall include the investigation plan, proposed boring locations, and depths.

All laboratory testing and classification will be performed in accordance with applicable DEPARTMENT standards, ASTM Standards or AASHTO Standards.

**CONSULTANT** shall stake boring locations and obtain utility clearances prior to any boring. **CONSULTANT** shall coordinate and develop a Temporary Traffic Control Plan. All work zone traffic control will be performed in accordance with the FDOT'S Standard Plans Index 102 series.

**CONSULTANT** shall provide a geotechnical report with information regarding data collection and findings. Report shall include, but not be limited to, geotechnical recommendations regarding any special considerations related to the bridge foundations and installation methods, existing and proposed pavement structure, and any special considerations that may be necessary for proposed drainage and drainage structures.

## **12. SURVEY**

The **CONSULTANT** shall perform a topographic and subsurface utility survey in accordance with the following:

### 12.1 General Requirements:

- All survey activities and deliverables shall be in accordance with the latest Pinellas County CADD Standards (refer to <http://www.pinellascounty.org/technical/>), as well as Chapter 472, Florida Statutes and Chapter 5J-17, Florida Administrative Code.
- All work products shall be certified by a Professional Survey and Mapper licensed in the State of Florida.
- Contact the Pinellas County Survey and Mapping Division for assistance with any structures that may be inaccessible.
- Notify residents prior to performing work on private property. The Pinellas County Survey and Mapping Division can provide standard door hangars as requested.
- Survey activities should be performed in accordance with applicable FDOT survey safety standards
- The Pinellas County Survey and Mapping Division requires two weeks for review of the electronic files and hard copy prints. Appropriate review should be completed in advance so the final signed and sealed survey can be delivered on or before the due date.

### 12.2 Project Limits:

Existing right-of-way of 13th Street / Sands Point Drive between Pinellas Bayway S to 3<sup>rd</sup> Avenue South. Extend survey 50 feet down all side streets from the edge of the Drive 13th Street / Sands Point Drive, and 10 feet beyond existing right-of-way throughout the length of the project.

### 12.3 Project Control:

Horizontal and Vertical Project Control shall be referenced to NAD 83 (2011) and NAVD 88, respectively.

### 12.4 Topographic Survey Requirements:

- Visible surface improvements including buildings, asphalt or concrete surfaces, curbs, driveways, sidewalks, fences, and walls (include size and material), ditches, drainage and sanitary sewer structures, and above ground utility features including overhead lines
- Trees 4" DBH and greater diameter at breast height (sizes measured 4.5 ft above ground level).
  - Record trunk diameters
  - Identify as deciduous, evergreen, or palm; or provide more specific identification if known.
- Significant landscape features including hedges and planters
- Survey the extent of mangroves and submerged aquatic vegetation within, and adjacent to, the project's limits-of-construction and depict their locations on the construction plans.

- Sufficient elevation data to create an accurate digital terrain model for future design/engineering purposes, including all apparent grade breaks
- Floor elevations for all buildings that appear to be at or below the roadway elevation
- Water elevations with time and date for all lakes, streams, ponds, etc.
- Bathymetric survey of the canal and cross sections at 100 feet and 200 feet on each side of the bridge.
- Survey Jurisdictional Lines as marked by the appropriate authorities
- Survey geotechnical boring locations marked by others
- Drainage structures
  - Record structure type, top north rim/lid/headwall elevation, interior dimensions, bottom elevations, throat dimensions and inverts, water elevations if the structure is holding water. Record pipe sizes, materials, and invert elevations. Include any other pertinent information (damaged structure, blocked pipe, etc.).
  - Include the first structure outside the limits for the purpose of determining percent of grade between structures.
- Sanitary sewer structures
  - Record structure type, top lid/rim elevation, and bottom elevations in an existing drainage structure table. Record pipe sizes, materials, and invert elevations. Include any other pertinent information.
  - Include the first structure outside the limits for the purpose of determining percent of grade between structures.
- Accuracy
  - Location of all improvements should be accurate to approximately 0.05 feet both horizontally and vertically
  - Ground elevations should be accurate to approximately 0.10 feet
  - Trees and landscaping should be accurate to approximately 0.25 feet horizontally

12.5 Subsurface Utility Survey Requirements:

- Subsurface utilities are to be located at Quality Level B as defined by the American Society of Civil Engineers' National Consensus Standard CI/ASCE 38-02: Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data. Laterals, service lines, and irrigation are not required.
- Quality Level A test holes/VVHs shall be performed after preliminary design of proposed bridge and drainage structures when potential subsurface utility impacts can be identified.

- Test holes performed in paved surfaces (roadways, sidewalks, parking areas) within the R/W will require the **CONSULTANT** to acquire a Right-of-Way Utilization Permit (RUP).
- Accuracy
  - Quality Level B utility designation should be accurate to approximately 1 foot horizontally
  - Quality Level A utility locations should be accurate to approximately 0.05 feet vertically and 0.10 feet horizontally

12.6 Mapping:

- Prepare drawings using the latest Pinellas County CADD Kit for AutoCAD Civil 3D.
- CAD file and survey database shall be referenced to the appropriate datum.
- A digital terrain model shall be created and displayed as contours with a minimum one-foot interval. Refer to County CADD Manual.
- All subsurface pipes and utility lines shall be mapped as pipe networks and provided in a separate drawing. Refer to County CADD Manual. For Quality Level B lines, create pipes at an assumed 30" below the surface.
- Include a cover sheet with a project title, vicinity map including sheet layout, sheet index, and symbol and line type legend
- Include a Surveyor's Report on sheet 2 which includes the following information at a minimum – purpose, dates of data acquisition and computations, units, project datums and control, accuracy, limitations, and sources of information utilized in the preparation of the survey
- Include abbreviation table on sheet 2
- Provide tables for the following:
  - Monumentation/Control Points – include point number, northing, easting, elevation, alignment station and offset, and description
  - Alignment
  - Existing Structures (Drainage and Sanitary)
    - Reference to the survey alignment and include all the attributes recorded in the survey.
    - Pipe IDs do not need to be included in the table.
  - Verified Vertical and Horizontal - for Quality Level A utility locations, include point number, alignment station and offset, elevation of utility, existing grade, and description including outside diameter, material, utility type
  - Jurisdictional Lines
  - Geotechnical Borings
- Labelling and Annotation

- Provide adequate labelling to identify all features shown on the map sheets. Include any relevant information obtained during the survey not included in the tables described above.
- Label all drainage and sanitary sewer structures with the Pinellas County Enterprise GIS Facility ID. If a structure is not included in the GIS, assign new structure IDs beginning with ES-1 for existing storm and ESS-1 for existing sanitary sewer.
- Label all pipe sizes and materials. Provide Facility IDs for drainage pipes if available.
- Include right-of-way, parcel, and easement lines from the provided Pinellas County Right-of-Way survey

12.7 Deliverables:

- Provide a Topographic and Subsurface Utility Survey Map and Report. Include three signed and sealed hard copies plus a scanned PDF of the same, or one electronically signed and sealed PDF.
- Provide an eTransmittal of associated CAD files as described in the Pinellas County CADD Manual.
- Provide all field notes, data files, computations, and other records utilized in preparation of the survey.

**13. PLANS PREPARATION**

The CONSULTANT must prepare all required roadway construction plans within the project limits. These plans must be in accordance with the FDOT Design Manual and COUNTY AutoCAD Civil 3D standards that include the following (Scale; 1"=40' (H) & 1"=4' (V)):

- Key Sheet
- Summary of Quantities
- General Notes
- Survey Reference Points
- Typical Sections
- Plan /Profile Sheets
- Drainage Structures Sheets
- Cross Section Sheets
- Driveway Section Sheets
- Misc. Details
- Signing and Pavement Marking Sheets
- Utility Adjustment Sheets
- Temporary Traffic Control Plan Sheets
- Bridge Plans
- Tree Survey and Disposition Table
- Stormwater Pollution Prevention Plan Sheets
- Erosion Control Plan Sheets
- Design Survey
- SUE Survey

**14. PUBLIC INVOLVEMENT**

The **CONSULTANT** will assist the **COUNTY** with scheduling and conducting two Online/Virtual Public Information Meetings with Pine Key's residents. The purpose of the first meeting is to inform the public about the project and proposed improvements after the 30% phase. The purpose of the

second meeting will be to inform the public of the final design, construction schedule and maintenance of traffic plans. The **CONSULTANT** will be responsible for the following tasks:

- The **CONSULTANT** will support the County in preparation, scheduling, attendance, note taking, documentation, and follow-up services.
- The **CONSULTANT** will prepare a PowerPoint presentation and all public involvement materials (e.g., newsletters, property owner letters, handouts, exhibits).
- The **CONSULTANT** will prepare a Public Involvement Summary which includes a description of all public involvement activities, and public comments and responses.

The **COUNTY** will establish and maintain a project link on the **COUNTY'S** website. The public will be able to submit comments via the website. All presentations, exhibit and graphics prepared for any online meeting and the project link must meet requirements of WCAG 2.1 Level AA Compliance with the Americans with Disabilities Act (ADA). The **COUNTY** will provide mailouts for all newsletters and communications to the public.

## **15. OPTIONAL SERVICES (NOT TO EXCEED)**

### **15.1 Post Design Services**

The **CONSULTANT** will provide post design services as an optional service. This will include responses to RFI's and review of shop drawings.

The **CONSULTANT** shall attend construction meetings as requested.

The **CONSULTANT** shall conduct pre-construction and post-construction surveys as deemed necessary through the regulatory permitting process and permit specific conditions.

### **15.2 Public Involvement – In person**

If required, the **CONSULTANT** will assist the **COUNTY** with preparation, scheduling and conducting in-person Public Information Meeting. The **CONSULTANT** shall prepare all necessary materials for the meeting including PowerPoint presentation, Boards, and all other materials as may be needed.

## **16. UTILITY DESIGN**

Description: Pinellas County Utilities has and maintains existing Water and Reclaim Water Mains at the Sands Point Drive/13<sup>th</sup> St Bridge. The existing water main is located on the north side of the bridge. The existing reclaim water main is located south of the bridge and was installed via HDD.



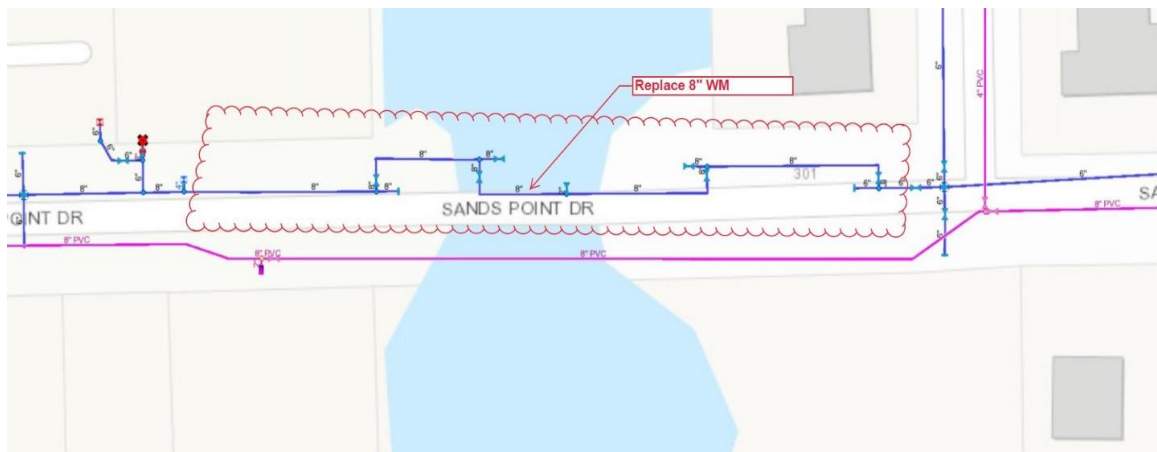
Sands Point Drive/13<sup>th</sup> St Bridge Water Line

Water Main: The 8" diameter water main is located on the north side of the bridge deck and will need to be relocated prior to construction. The County recommends installation of a new 8" diameter HDPE or FPVC water main via HDD.

Scope of Services should include the preparation of plans, specifications, FDEP permit application, engineers estimate of probable cost, any required SUE, survey, and geotechnical procedures such as SPT's and/or hand augers. A maintenance of traffic and phasing plan shall be developed in coordination with the planned bridge replacement.

Reclaim Main: No design modifications are required at this time. SUE should be performed to field locate the reclaim pipe and valves to determine the location, ensure there are no conflicts and to prevent any damage to the pipe during construction.

Sanitary Sewer: The County does not have any sanitary sewer gravity or force mains in this location.



## 17. COMPENSATION

For the services performed under this scope of services the **CONSULTANT** shall be compensated as indicated in the following table:

<b>Task 1</b>	General Tasks	\$	36,289.92	Lump Sum
<b>Task 2</b>	Roadway Design & Plans	\$	119,713.66	Lump Sum
<b>Task 3</b>	Drainage Design & Plans	\$	72,355.10	Lump Sum
<b>Task 4</b>	Structural Design & Plans	\$	260,664.87	Lump Sum
<b>Task 5</b>	Environment/Permitting	\$	34,484.23	Lump Sum
<b>Task 6</b>	Survey / SUE	\$	38,390.26	Lump Sum
<b>Task 7</b>	Utility Coordination	\$	11,324.61	Lump Sum
<b>Task 8</b>	Geotechnical	\$	86,212.26	Lump Sum
<b>Task 9</b>	Public Involvement	\$	17,237.75	Lump Sum
<b>Task 10</b>	Utility Design	\$	33,595.16	Lump Sum
<b>Optional Services</b>		\$	120,184.61	Limiting Amount
	Service 1 Post Design Services- Bridge (\$98,542.29)		-	
	Service 2 Public Involvement- In person (\$16,467.46)		-	
	Service 3 Post Design Services – Utility (\$5,174.86)		-	
<b>Contingency</b>		\$	60,000	Lump Sum
<b>Total Contract Fee</b>		<b>\$</b>	<b>890,452.43</b>	

For any Contingency Services performed, the COUNTY agrees to pay the **CONSULTANT** a negotiated fee based on the assignment up to a maximum amount not to exceed sixty thousand dollars (\$60,000) for all assignments performed. Contingency Services shall be performed only upon prior written authorization from the Director of Public Works or his/her designee.

## 18. INVOICES & PROGRESS REPORTS

Invoicing must take place monthly and will include a progress report summarizing the work completed during the invoice period as well as a schedule update. The **CONSULTANT** must pre-submit invoices to the Project Manager prior to an official monthly submittal. The final invoice will be marked "FINAL" on the invoice and be accompanied by a letter from the **CONSULTANT** stating that this is the Final Invoice and that compensation for tasks completed, as described in the Scope of Services Agreement, is now concluded.



## 19. SCHEDULE

The **CONSULTANT** must provide a Microsoft Project Schedule with updates to be included with each monthly invoice submittal. **CONSULTANT'S** services must commence upon receipt of written notice to proceed issued by the **COUNTY**. The **CONSULTANT** must complete the final design in accordance with the following or better project schedule:

### PROJECT SCHEDULE

<u>Milestone</u>	<u>Due Date After Receiving NTP</u>	
Survey	95	Calendar Days
30% Complete Plans Submittal 21 day review	155	Calendar Days
60% Complete Plans Submittal 21 day review	250	Calendar Days
90% Complete Plans Submittal 21 day review	350	Calendar Days
100% Complete Plans Submittal 21 day review	425	Calendar Days
Final Plans Submittal 10 day review	475	Calendar Days
Signed and Sealed Plans Submittal	535	Calendar Days

The **COUNTY'S** design review period is twenty-one calendar days from the date of each milestone submittal. Any other delays beyond **CONSULTANT'S** control shall be documented in writing by the **CONSULTANT** and submitted to the **COUNTY** for consideration of a time extension.

Phase submittal reviews shall occur at the 30%, 60%, 90%, 100%, and Final phases. The **CONSULTANT** shall submit a draft of any special conditions with the 60% design review submittal and final versions at the 100% design review submittal. Bid quantities, opinion of probable construction cost, design documents, and QC documents shall be submitted with each phase. The requirements for each design review shall be as specified in the **COUNTY'S** Design Stage Submittal Checklist provided in Appendix A. The **CONSULTANT** shall continue its design work during the review periods. The **CONSULTANT** shall respond to the **COUNTY** design review comments in writing and by making corresponding revisions to the plans. Written responses and plans revisions are to be included with the next design review submittal. The **CONSULTANT** shall respond to regulatory agencies review comments in the same manner. Design revisions are to be completed by the **CONSULTANT** at no additional time and/or cost unless the revisions result from the **COUNTY** making changes to the horizontal or vertical alignment or other changes of similar impact to the project design. In such cases, the **COUNTY** shall evaluate the **CONSULTANT'S** request for additional time and/or compensation. The **COUNTY** may require the **CONSULTANT** to make plans revisions and resubmit the plans at the same phase of completion if it is found that the plans do not meet the requirements of the Design Stage Submittal Checklist or the plans are found to contain multiple and significant errors and omissions. No additional time shall be allotted to the **CONSULTANT** schedule if a resubmittal is required.

# EXHIBIT B - FEES

## STAFF HOUR ESTIMATES



# DESIGN SERVICES

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Total Design Fee

Name of Project: 13th St-Sands Pt Dr Bridge over Pine Key Cutoff  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 10/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: DRMP, Inc.

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer I	Senior Engineer II	Senior Engineer I	Engineer II	Engineer I	Engineering Intern	Senior Designer	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	Secretary/Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$190.82	\$248.36	\$228.84	\$188.47	\$186.84	\$149.88	\$104.00	\$145.10	\$201.84	\$175.80	\$101.21	\$72.46			
3. Project General and Project Common Tasks	229	213	11	0	0	0	0	0	0	0	0	0	5	229	\$43,739	\$191.00
4. Roadway Analysis	452	0	14	45	68	136	53	0	0	0	0	0	0	452	\$77,897	\$172.34
5. Roadway Plans	191	0	6	19	29	38	42	28	29	0	0	0	0	191	\$31,819	\$166.59
6a. Drainage Analysis	106	0	4	11	16	21	23	15	16	0	0	0	0	106	\$17,779	\$167.72
6b. Drainage Plans	67	0	2	7	10	13	15	10	10	0	0	0	0	67	\$11,151	\$166.44
7. Utilities	78	0	0	9	16	20	12	12	12	0	0	0	9	78	\$11,325	\$145.19
8. Environmental Permits, Compliance & Clearances	238	0	0	0	0	0	0	0	0	24	107	107	0	238	\$34,484	\$144.89
9. Structures - Misc. Tasks, Dwg, Non-Tech.	296	0	9	47	44	89	89	18	0	0	0	0	0	296	\$53,123	\$179.47
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	823	0	25	83	123	165	181	123	123	0	0	0	0	823	\$136,981	\$166.44
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	424	0	13	42	64	85	93	63	64	0	0	0	0	424	\$70,561	\$166.42
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	40	0	1	4	6	8	9	6	6	0	0	0	0	40	\$6,633	\$165.82
20. Signing & Pavement Marking Plans	20	0	1	2	3	4	4	3	3	0	0	0	0	20	\$3,366	\$168.28
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	2,964	213	86	260	372	575	612	331	263	24	107	107	14	2,964		
<b>Total Staff Cost</b>		\$40,644.66	\$21,358.96	\$59,498.40	\$70,110.84	\$107,433.00	\$91,726.56	\$34,424.00	\$38,161.30	\$4,844.16	\$18,810.60	\$10,829.47	\$1,014.44		<b>\$498,856.39</b>	<b>\$168.31</b>

Check = \$498,856.39

Survey Field Days by Subconsultant  
 4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

DESIGN FEE + OPTIONAL SERVICES SUMMARY

<b>SALARY RELATED COSTS:</b>							\$498,856.39
OVERHEAD:		0.00%					\$0.00
OPERATING MARGIN:		0.00%					\$0.00
FCCM (Facilities Capital Cost Money):		0.0000%					\$0.00
EXPENSES:		0.00%					\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>							<b>\$498,856.39</b>
Subconsultant: Intera							\$43,425.00
Subconsultant: Arehna							\$86,212.26
Subconsultant: C&F-Survey							\$38,390.26
Subconsultant: Valerin							\$9,788.75
Subconsultant:							\$0.00
Subconsultant: Sub 6							\$0.00
Subconsultant: Sub 7							\$0.00
Subconsultant: Sub 8							\$0.00
Subconsultant: Sub 9							\$0.00
Subconsultant: Sub 10							\$0.00
Subconsultant: Sub 11							\$0.00
Subconsultant: Sub 12							\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>							<b>\$676,672.66</b>
Geotechnical Field and Lab Testing							\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>							<b>\$676,672.66</b>
Tab 7. Utility Design							\$33,595.16
Optional Services							\$120,184.61
Service 1 Post Design Services- Bridge						\$98,542.29	
Service 2 Public Involvement- In person						\$16,467.46	
Service 3 Post Design Services - Utility						\$5,174.86	
Contingency							\$60,000.00
<b>GRAND TOTAL ESTIMATED FEE:</b>							<b>\$890,452.43</b>

**ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT**

Name of Project: 13th St-Sands Pt Dr Bridge over Pine Key Cutoff  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: Intera, Inc.

Staff Classification	Total Staff Hours From "SH Summary Firm"	Senior Engineer 2	Senior Engineer 1	Engineer 2	Chief Engineer	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$209.00	\$170.00	\$163.00	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	249	41	81	122	5	0	0	0	0	0	0	0	0	249	\$43,425	\$174.40
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	249	41	81	122	5	0	0	0	0	0	0	0	0	249		
<b>Total Staff Cost</b>		\$8,569.00	\$13,770.00	\$19,886.00	\$1,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$43,425.00	\$174.40

Check = \$43,425.00

SALARY RELATED COSTS:			\$43,425.00
OVERHEAD:		0.00%	\$0.00
OPERATING MARGIN:		0%	\$0.00
FCCM (Facilities Capital Cost Money):		0.000%	\$0.00
EXPENSES:		0.00%	\$0.00
SUBTOTAL ESTIMATED FEE:			\$43,425.00
Survey (Field)	0	4-person crew	\$ - / day
Geotechnical Field and Lab Testing			\$0.00
SUBTOTAL ESTIMATED FEE:			\$43,425.00
Optional Services			\$0.00
GRAND TOTAL ESTIMATED FEE:			\$43,425.00

Notes:

- This sheet to be used by Subconsultant to calculate its fee.

**ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT**

Name of Project: 13th St-Sands Pt Dr Bridge over Pine Key Cutoff  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: C&F, Inc.

Staff Classification	Total Staff Hours From "SH Summary Firm"	Project Manager	Staff Classification 2	Staff Classification 3	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Senior Surveyor & Mapper	Surveyor & Mapper	SUR Survey/GIS/S UE Analyst 3	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$190.00	\$150.00	\$105.00		
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	98	0	0	0	0	0	0	0	0	0	10	20	68	98	\$12,040	\$122.86
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	98	0	0	0	0	0	0	0	0	0	10	20	68	98		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,900.00	\$3,000.00	\$7,140.00		<b>\$12,040.00</b>	<b>\$122.86</b>

Check = \$12,040.00

SALARY RELATED COSTS:					\$12,040.00
OVERHEAD:		0%			\$0.00
OPERATING MARGIN:		0%			\$0.00
FCCM (Facilities Capital Cost Money):		0.00%			\$0.00
EXPENSES:		0.00%			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$12,040.00</b>
Survey (Field)	12	3-person crew	\$ 1,628.00	/ day	\$19,896.96
SUE (Field)	4	3-person crew	\$ 1,708.00		\$6,453.31
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$38,390.26</b>
Optional Services					\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>					<b>\$38,390.26</b>

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: 13th St-Sands Pt Dr Bridge over Pine Key Cutoff  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: Valerin

Staff Classification	Total Staff Hours From "SH Summary Firm"	Community Outreach	Graphic Designer	Multimedia Specialist	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$123.50	\$113.25	\$113.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
3. Project General and Project Common Tasks	82	49	21	12	0	0	0	0	0	0	0	0	0	82	\$9,789	\$119.38
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	82	49	21	12	0	0	0	0	0	0	0	0	0	82		
<b>Total Staff Cost</b>		\$6,051.50	\$2,378.25	\$1,359.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$9,788.75	\$119.38

SALARY RELATED COSTS:			Check = \$9,788.75	\$9,788.75
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.000%		\$0.00
EXPENSES:		0.00%		\$0.00
SUBTOTAL ESTIMATED FEE:				\$9,788.75
Survey (Field)	0	4-person crew	\$ - / day	\$0.00
Geotechnical Field and Lab Testing				\$0.00
SUBTOTAL ESTIMATED FEE:				\$9,788.75
Optional Services				\$0.00
GRAND TOTAL ESTIMATED FEE:				\$9,788.75

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

Arehna - Geotechnical & Contamination

**ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT**

Name of Project: 13th St-Sands Pt Dr Bridge over Pine Key Cutoff  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: Arehna

Staff Classification	Total Staff Hours From "SH Summary Firm"	Chief Engineer	Clerical	Engineer	Engineer Intern	Engineering Technician	Principal Engineer	Senior Designer	Senior Engineer	Sr. Engineering Technician	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH	Salary	Average
		By Activity	Cost By Activity	Rate Per Task												
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	215	8	11	63	65	11	4	17	25	11	0	0	0	215	\$24,683	\$114.80
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	215	8	11	63	65	11	4	17	25	11	0	0	0	215		
<b>Total Staff Cost</b>		\$1,240.00	\$627.00	\$7,245.00	\$6,175.00	\$627.00	\$900.00	\$1,717.00	\$5,250.00	\$902.00	\$0.00	\$0.00	\$0.00		\$24,683.00	\$114.80

Check = \$24,683.00

SALARY RELATED COSTS:		\$24,683.00
OVERHEAD:	0.00%	\$0.00
OPERATING MARGIN:	0%	\$0.00
FCCM (Facilities Capital Cost Money):	0.000%	\$0.00
EXPENSES:	0.00%	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>		<b>\$24,683.00</b>
Survey (Field)	0 4-person crew	\$ - / day
Geotechnical Field and Lab Testing		\$56,729.26
<b>SUBTOTAL ESTIMATED FEE:</b>		<b>\$81,412.26</b>
<b>Additional Services (Contamination and Asbestos Survey)</b>		<b>\$4,800.00</b>
<b>GRAND TOTAL ESTIMATED FEE:</b>		<b>\$86,212.26</b>

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.





March 29, 2022

Leo Rodriguez, PE  
DRMP  
15310 Amberly Drive, Suite 200  
Tampa, FL 33647

Re: Proposal for Geotechnical & Environmental Services  
**13th Street/Sands Point Drive Bridge Replacement**  
County PID: 000971A

Dear Mr. Rodriguez,

Please let this letter serve as confirmation that AREHNA Engineering Inc. proposes to provide geotechnical engineering services for the **13th Street/Sands Point Drive Bridge Replacement design** in Pinellas County, Florida. We propose to perform these services in accordance with the attached Staff Hour and Fee Estimate, and Field and Lab Fee Sheet.

The proposed budget of this scope of work is **\$86,212.26**.

If you have any questions or need any further information, please do not hesitate to contact us at 813-944-3464.

Sincerely,  
**AREHNA Engineering, Inc.**

Kirk M. Eastman, PE  
Senior Geotechnical Engineer

Attachments:      Scope Summary  
                         Staff Hour and Fee Estimate  
                         AREHNA Fee Breakdown



JOB NAME: **13th Street Bridge Replacement**  
PINELLAS COUNTY PROJECT NO: **000971A**  
CLIENT: **DRMP, Inc.**  
PREPARED BY: **KME**  
DATE: **3/29/2022**  
AREHNA Project: **B-21-138**

## Geotechnical Scope of Services

### Roadway

10 Hand Augers	6 ft	60 LF	(Sidewalks)
5 Pavement Cores (with HA's)	6 ft	30 LF	(Pavement Reconstruction)

### Structures

8 SPT	100 ft SPT	800 LF	(Bridge)
-------	------------	--------	----------

Project consists of the replacement of the 13th St. Bridge over Pine Key Cutoff. Up to eight SPT borings will be performed for the proposed bridge structure. All eight borings will be performed through the existing bridge deck. MOT and coring of the existing bridge deck will be required. Up to 5 pavement cores will be performed for pavement reconstruction just beyond the bridge limits. A hand auger boring will be performed in each core hole. In addition, up to 10 hand augers will be performed for sidewalk improvements along the north and south sides of 13th St. from Pinellas Bayway to 3rd Ave. S.

**Proposal No.** T.Prop-21-132  
**Proposal Date** 3/29/2022

**PREPARED BY** KE  
**PREPARED FOR** DRMP, Inc.

SCOPE SUMMARY			
Item	Quantity	Depth (ft)	Total
SPT Borings (2.5ft Intervals)	8	100	800
Hand Auger Borings	15	6	90
Pavement Cores	5	N/A	5

A. ENGINEERING SERVICES		QUANTITY	UNIT TYPE	UNIT PRICE	SUBTOTAL
Chief Engineer		8	Hour	\$ 155.00	\$ 1,240.00
Clerical		11	Hour	\$ 57.00	\$ 627.00
Engineer		63	Hour	\$ 115.00	\$ 7,245.00
Engineer Intern		65	Hour	\$ 95.00	\$ 6,175.00
Engineering Technician		11	Hour	\$ 57.00	\$ 627.00
Principal Engineer		4	Hour	\$ 225.00	\$ 900.00
Senior Designer		17	Hour	\$ 101.00	\$ 1,717.00
Senior Engineer		25	Hour	\$ 210.00	\$ 5,250.00
Senior Engineering Technician		11	Hour	\$ 82.00	\$ 902.00
<b>TOTAL ENGINEERING SERVICES</b>					<b>\$ 24,683.00</b>
211 Asphalt Pavement Coring - 6in dia with Base Depth Check		5	Each	\$ 162.00	\$ 810.00
212 Asphalt Pvmnt Coring - 6in dia without Base Depth Check		0	Each	\$ 142.00	\$ -
306 Concrete Pavement Coring - 6in Dia		0	LF	\$ 207.00	\$ -
401 Geo Auger Borings-HA & Truck/Mud Bug		90	LF	\$ 11.76	\$ 1,058.40
415 Geo Double Ring Infiltration ASTM D3385		0	Each	\$ 566.84	\$ -
418 Geo Drill Crew Support Vehicle		7	Day	\$ 205.76	\$ 1,440.32
427 Geo Extra SPT Samples-Truck/Mud Bug 0-50 Ft		64	Each	\$ 64.58	\$ 4,133.12
428 Geo Extra SPT Samples-Truck/Mud Bug 50-100 Ft		80	Each	\$ 67.66	\$ 5,412.80
429 Geo Extra SPT Samples-Truck/Mud Bug 100-150 Ft		0	Each	\$ 80.82	\$ -
440 Geo Grout Boreholes- Truck/Mud Bug 0-50 Ft		400	LF	\$ 6.34	\$ 2,536.00
441 Geo Grout Boreholes- Truck/Mud Bug 50-100 Ft		400	LF	\$ 7.85	\$ 3,140.00
442 Geo Grout Boreholes- Truck/Mud Bug 100-150 Ft		0	LF	\$ 11.57	\$ -
478 Geo SPT Truck/Mud Bug 0-50 Ft		400	LF	\$ 15.79	\$ 6,316.00
479 Geo SPT Truck/Mud Bug 50-100 Ft		400	LF	\$ 19.28	\$ 7,712.00
480 Geo SPT Truck/Mud Bug 100-150 Ft		0	LF	\$ 31.22	\$ -
488 Geo Temp Casing 3in Truck/Mud Bug 0-50 Ft		200	LF	\$ 10.35	\$ 2,070.00
489 Geo Temp Casing 3in Truck/Mud Bug 50-100 Ft		80	LF	\$ 14.25	\$ 1,140.00
498 Geo Temp Casing 4in Truck/Mud Bug 0-50 Ft		0	LF	\$ 11.20	\$ -
499 Geo Temp Casing 4in Truck/Mud Bug 50-100 Ft		0	LF	\$ 15.20	\$ -
514 Geo Truck/Mud Bug Mobil (30 miles straightline distance)		0	Each	\$ 565.00	\$ -
531 Geo Truck/Mudbug Drill Rig and Crew (2-person)		0	Hour	\$ 251.50	\$ -
532 Geo Truck/Mudbug Drill Rig and Crew (3-person)		0	Hour	\$ 287.09	\$ -
603 Mobilization Asphalt Coring Equipment		1	Each	\$ 368.60	\$ 368.60
606 Mobilization Concrete Coring		1	Each	\$ 368.60	\$ 368.60
612 Mobilization Drill Rig Truck Mount		1	Each	\$ 495.00	\$ 495.00
702 MOT Channelizing Devices - Type I, II, VP, Drum (each)		0	Each	\$ 3.00	\$ -
706 MOT Portable Sign		38	Each	\$ 48.00	\$ 1,824.00
708 MOT Provide Channelizing Devices - Cone		35	Each	\$ 2.50	\$ 87.50
712 MOT Support Vehicle		84	Hour	\$ 137.95	\$ 11,587.80
Bridge Patching		8	Each	\$ 200.00	\$ 1,600.00
<b>TOTAL FIELD SERVICES</b>					<b>\$ 52,100.14</b>
C. LABORATORY SERVICES		QUANTITY	UNIT TYPE	UNIT PRICE	TOTAL COST
805 Soils Corrosion Series FM 5-550 through 5-553		4	Test	\$ 274.97	\$ 1,099.88
811 Soils Liquid Limit AASHTO T89		8	Test	\$ 62.70	\$ 501.60
812 Soils Materials Finer than 200 Sieve FM 1-T011		0	Test	\$ 50.00	\$ -
817 Soils Moisture Content Laboratory AASHTO T265		26	Test	\$ 17.23	\$ 447.98
819 Soils Organic Content Ignition FM 1 T-267		2	Test	\$ 48.35	\$ 96.70
821 Soils Particle Size Anlys AASHTO T88 (Incl. Hydrometer)		0	Test	\$ 194.95	\$ -
822 Soils Particle Size Anlys AASHTO T88 (No Hydrometer)		26	Test	\$ 73.96	\$ 1,922.96
826 Soils Plastic Limit & Plasticity Index AASHTO T90		8	Test	\$ 70.00	\$ 560.00
<b>TOTAL LABORATORY SERVICES</b>					<b>\$ 4,629.12</b>
D. OTHER SERVICES		QUANTITY	UNIT TYPE	UNIT PRICE	TOTAL COST
Contamination - Asbestos and LBP Sampling and Testing		1	Each	\$ 4,800.00	\$ 4,800.00
<b>TOTAL OTHER SERVICES</b>					<b>\$ 4,800.00</b>

For specific questions regarding this proposal, please contact:

Kirk Eastman

**Estimate Total \$ 86,212.26**

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Utility Design Fee

Name of Project: 13th St-Sands Pt Dr Bridge - Utility Design  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: DRMP, Inc.

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer I	Senior Engineer I	Engineer I	Engineering Intern	Senior Designer	Designer	Sr. Environmental Specialist	Environmental Specialist	N/A	N/A	N/A	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$190.82	\$248.36	\$188.47	\$149.88	\$104.00	\$145.10	\$115.00	\$175.80	\$101.21	\$0.00	\$0.00	\$0.00			
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	280	0	31	0	0	249	0	0	0	0	0	0	0	280	\$33,595	\$119.98
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	280	0	31	0	0	249	0	0	0	0	0	0	0	280		
<b>Total Staff Cost</b>		\$0.00	\$7,699.16	\$0.00	\$0.00	\$25,896.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$33,595.16	\$119.98

Survey Field Days by Subconsultant  
 4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:				\$33,595.16
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0.00%		\$0.00
FCCM (Facilities Capital Cost Money):		0.000%		\$0.00
EXPENSES:		0.00%		\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$33,595.16</b>
Subconsultant: Intera				\$0.00
Subconsultant: Arehna				\$0.00
Prime: DRMP-Survey				\$0.00
Subconsultant: Sub 4				\$0.00
Subconsultant: Sub 5				\$0.00
Subconsultant: Sub 6				\$0.00
Subconsultant: Sub 7				\$0.00
Subconsultant: Sub 8				\$0.00
Subconsultant: Sub 9				\$0.00
Subconsultant: Sub 10				\$0.00
Subconsultant: Sub 11				\$0.00
Subconsultant: Sub 12				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$33,595.16</b>
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$33,595.16</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$33,595.16</b>

# OPTIONAL SERVICES

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: **13th St Bridge - Post Design Services**  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: **enter consultants proj. number**  
 Date: 4/18/2022  
 Estimator: DRMP, Inc.

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer I	Senior Engineer II	Senior Engineer I	Engineer II	Engineer I	Engineering Intern	Senior Designer	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	Secretary/Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$190.82	\$248.36	\$228.84	\$188.47	\$186.84	\$149.88	\$104.00	\$145.10	\$201.84	\$175.80	\$101.21	\$72.46			
3. Project General and Project Common Tasks	89	83	4	0	0	0	0	0	0	0	0	0	2	89	\$16,976	\$190.75
4. Roadway Analysis	36	0	1	4	5	11	11	4	0	0	0	0	0	36	\$6,226	\$172.94
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	20	0	1	2	3	4	4	3	3	0	0	0	0	20	\$3,366	\$168.28
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	16	0	0	0	0	0	0	0	0	2	7	7	0	16	\$2,343	\$146.42
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	272	0	8	44	41	82	82	16	0	0	0	0	0	273	\$49,058	\$179.70
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	1	0	0	0	0	0	0	0	0	0	1	\$229	\$228.84
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	22	0	1	2	3	4	5	3	3	0	0	0	0	21	\$3,516	\$167.41
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	455	83	15	53	52	101	102	26	6	2	7	7	2	456		
<b>Total Staff Cost</b>		\$15,838.06	\$3,725.40	\$12,128.52	\$9,800.44	\$18,870.84	\$15,287.76	\$2,704.00	\$870.80	\$403.68	\$1,230.60	\$708.47	\$144.92		\$81,713.29	\$179.20

Survey Field Days by Subconsultant  
 4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

Service 1 Post Design Services- Bridge \$98,542.29  
 Service 2 Public Involvement- In person \$16,467.46  
 Service 3 Post Design Services – Utility \$5,174.86

**Total** \$120,184.61  
 Check TRUE

Check =				\$81,713.29
SALARY RELATED COSTS:				\$81,713.29
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0.00%		\$0.00
FCCM (Facilities Capital Cost Money):		0.0000%		\$0.00
EXPENSES:		0.00%		\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$81,713.29</b>
Subconsultant: Service 1-InteraPost Design				\$0.00
Subconsultant: Service 1-ArehnaPost Design				\$8,464.00
Subconsultant: Service 1-Cumbey & FairPost Design				\$8,365.00
Subconsultant: Service 2-ValerinPublic Inv.(Optional)				\$4,055.50
Subconsultant: Service 2-DRMP-Public Involvement(Optional)				\$12,411.96
Subconsultant: Service 3-DRMP-Utility Design - Post Design				\$5,174.86
Subconsultant: Sub 7				\$0.00
Subconsultant: Sub 8				\$0.00
Subconsultant: Sub 9				\$0.00
Subconsultant: Sub 10				\$0.00
Subconsultant: Sub 11				\$0.00
Subconsultant: Sub 12				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$120,184.61</b>
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$120,184.61</b>
Additional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$120,184.61</b>

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Utilities Post Design Services

Name of Project: **13th St Bridge - Utility Design**  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: DRMP, Inc.

Staff Classification	Hours From "SH Summary - Firm"	Project Manager	Chief Engineer I	Senior Engineer II	Senior Engineer I	Engineer II	Engineer I	Engineering Intern	Senior Designer	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	Secretary/Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$190.82	\$248.36	\$228.84	\$188.47	\$186.84	\$149.88	\$104.00	\$145.10	\$201.84	\$175.80	\$101.21	\$72.46			
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	34	0	0	4	7	9	5	5	5	0	0	4	34	\$4,946	\$145.47	
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	1	0	0	0	0	0	0	0	0	0	1	\$229	\$228.84	
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	34	0	0	1	4	7	9	5	5	0	0	0	4	35		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$228.84	\$753.88	\$1,307.88	\$1,348.92	\$520.00	\$725.50	\$0.00	\$0.00	\$0.00	\$289.84		\$5,174.86	\$147.85

Survey Field Days by Subconsultant  
 4 - Person Crew:

- Notes:  
 1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.  
 2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:			Check =	\$5,174.86
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0.00%		\$0.00
FCCM (Facilities Capital Cost Money):		0.000%		\$0.00
EXPENSES:		0.00%		\$0.00
Survey (Field - if by Prime)	0	4-person crew days @	\$ - / day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$5,174.86</b>
Subconsultant:	Service 1-InteraPost Design			\$0.00
Subconsultant:	Service 1-ArehnaPost Design			\$0.00
Subconsultant:	C&F-Survey			\$0.00
Subconsultant:	Service 2-ValerInPublic Inv.(Optional)			\$0.00
Subconsultant:	Service 2-DRMP-Public Involvement(Optional)			\$0.00
Subconsultant:	Service 3-DRMP-Utility Design - Post Design			\$0.00
Subconsultant:	Sub 7			\$0.00
Subconsultant:	Sub 8			\$0.00
Subconsultant:	Sub 9			\$0.00
Subconsultant:	Sub 10			\$0.00
Subconsultant:	Sub 11			\$0.00
Subconsultant:	Sub 12			\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$5,174.86</b>
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$5,174.86</b>
Additional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$5,174.86</b>

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Post Design Services

Name of Project: 13th St Bridge - Post Design Services  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: C&F, Inc.

Staff Classification	Total Staff Hours From *SH Summary Firm*	Project Manager	Staff Classification 2	Staff Classification 3	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Senior Surveyor & Mapper	Surveyor & Mapper	SUR Survey/GIS/SUE Analyst 3	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$190.00	\$150.00	\$105.00		
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	67	0	0	0	0	0	0	0	0	0	7	14	47	68	\$8,365	\$123.01
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	67	0	0	0	0	0	0	0	0	0	7	14	47	68		
<b>Total Staff Cost</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,330.00	\$2,100.00	\$4,935.00		\$8,365.00	\$123.01

Check = \$8,365.00

SALARY RELATED COSTS:				\$8,365.00
OVERHEAD:		0%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.00%		\$0.00
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$8,365.00</b>
Survey (Field)	0	3-person crew	\$ 1,628.00 / day	\$0.00
SUE (Field)	0	3-person crew	\$ 1,708.00	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$8,365.00</b>
Optional Services				\$0.00
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$8,365.00</b>

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.



ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Optional Services- Public Involvement

Name of Project: **13th St Bridge - Public Involvement**  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: DRMP, Inc.

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer I	Senior Engineer II	Senior Engineer I	Engineer II	Engineer I	Engineering Intern	Senior Designer	Chief Scientist	Senior Environmental Specialist	Environmental Specialist	Secretary/Clerical	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$190.82	\$248.36	\$228.84	\$188.47	\$186.84	\$149.88	\$104.00	\$145.10	\$201.84	\$175.80	\$101.21	\$72.46			
3. Project General and Project Common Tasks	19	18	1	0	0	0	0	0	0	0	0	0	0	19	\$3,683	\$193.85
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	1	0	0	0	0	0	0	0	0	0	1	\$229	\$228.84
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LIDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	1	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	19	18	1	1	0	0	0	0	0	0	0	0	0	20		
<b>Total Staff Cost</b>		\$3,434.76	\$248.36	\$228.84	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		<b>\$3,911.96</b>	<b>\$195.60</b>

Check = \$3,911.96

Survey Field Days by Subconsultant  
 4 - Person Crew:

Notes:

1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.

2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:					\$3,911.96
OVERHEAD:			0.00%		\$0.00
OPERATING MARGIN:			0.00%		\$0.00
FCCM (Facilities Capital Cost Money):			0.0000%		\$0.00
EXPENSES:			0.00%		\$8,500.00
Public Involvement Expenses include:					
• Printing display boards, newsletters, wayfinding					
• Venue Rental					
• Furniture rentals (chairs, tables, etc.) if needed or required					
Survey (Field - if by Prime)	0	days @	\$ -	/ day	\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$12,411.96</b>
Subconsultant:	Service 1-InteraPost Design				\$0.00
Subconsultant:	Service 1-ArehnaPost Design				\$0.00
Subconsultant:	C&F-Survey				\$0.00
Subconsultant:	Service 2-ValerinPublic Inv.(Optional)				\$0.00
Subconsultant:	Service 2-DRMP-Public Involvement(Optional)				\$0.00
Subconsultant:	Service 3-DRMP-Utility Design - Post Design				\$0.00
Subconsultant:	Sub 7				\$0.00
Subconsultant:	Sub 8				\$0.00
Subconsultant:	Sub 9				\$0.00
Subconsultant:	Sub 10				\$0.00
Subconsultant:	Sub 11				\$0.00
Subconsultant:	Sub 12				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$12,411.96</b>
Geotechnical Field and Lab Testing					\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>					<b>\$12,411.96</b>
Additional Services					\$0.00

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Name of Project: **13th St Bridge - Post Design Services**  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: Valerin

Staff Classification	Total Staff Hours From "SH Summary Firm"	Community Outreach	Graphic Designer	Multimedia Specialist	Staff Classification 4	Staff Classification 5	Staff Classification 6	Staff Classification 7	Staff Classification 8	Staff Classification 9	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$123.50	\$113.25	\$113.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
3. Project General and Project Common Tasks	34	20	9	5	0	0	0	0	0	0	0	0	0	34	\$4,056	\$119.28
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	34	20	9	5	0	0	0	0	0	0	0	0	0	34		
<b>Total Staff Cost</b>		\$2,470.00	\$1,019.25	\$566.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$4,055.50	\$119.28

Check = \$4,055.50

SALARY RELATED COSTS:				\$4,055.50
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.000%		\$0.00
EXPENSES:		0.00%		\$0.00
SUBTOTAL ESTIMATED FEE:				\$4,055.50
Survey (Field)	0	4-person crew	\$ - / day	\$0.00
Geotechnical Field and Lab Testing				\$0.00
SUBTOTAL ESTIMATED FEE:				\$4,055.50
Optional Services				\$0.00
GRAND TOTAL ESTIMATED FEE:				\$4,055.50

Notes:  
 1. This sheet to be used by Subconsultant to calculate its fee.

ESTIMATE OF WORK EFFORT AND COST - SUBCONSULTANT

Post Design Services

Name of Project: 13th St Bridge - Post Design Services  
 County: Pinellas  
 FPN: 000971A  
 FAP No.: 1/0/1900

Consultant Name: DRMP  
 Consultant No.: enter consultants proj. number  
 Date: 4/18/2022  
 Estimator: Arehna

Staff Classification	Total Staff Hours From "SH Summary Firm"	Chief Engineer	Clerical	Engineer	Engineer Intern	Engineering Technician	Principal Engineer	Senior Designer	Senior Engineer	Sr. Engineering Technician	Staff Classification 10	Staff Classification 11	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		\$155.00	\$57.00	\$115.00	\$95.00	\$57.00	\$225.00	\$101.00	\$210.00	\$82.00						
3. Project General and Project Common Tasks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
8. Environmental Permits, Compliance & Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
9. Structures - Misc. Tasks, Dwg, Non-Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
18. Structures - Miscellaneous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
19. Signing & Pavement Marking Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
20. Signing & Pavement Marking Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
21. Signalization Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
22. Signalization Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
23. Lighting Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
25. Landscape Architecture Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
26. Landscape Architecture Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
35. Geotechnical	64	16	0	0	0	0	0	0	16	32	0	0	0	64	\$8,464	\$132.25
36. 3D Modeling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0	#DIV/0!
<b>Total Staff Hours</b>	64	16	0	0	0	0	0	0	16	32	0	0	0	64		
<b>Total Staff Cost</b>		\$2,480.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,360.00	\$2,624.00	\$0.00	\$0.00	\$0.00		\$8,464.00	\$132.25

Check = \$8,464.00

SALARY RELATED COSTS:				\$8,464.00
OVERHEAD:		0.00%		\$0.00
OPERATING MARGIN:		0%		\$0.00
FCCM (Facilities Capital Cost Money):		0.000%		\$0.00
EXPENSES:		0.00%		\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$8,464.00</b>
Survey (Field)	0	4-person crew	\$ - / day	\$0.00
Geotechnical Field and Lab Testing				\$0.00
<b>SUBTOTAL ESTIMATED FEE:</b>				<b>\$8,464.00</b>
<b>Additional Services (Contamination and Asbestos Survey)</b>				<b>\$0.00</b>
<b>GRAND TOTAL ESTIMATED FEE:</b>				<b>\$8,464.00</b>

Notes:

- This sheet to be used by Subconsultant to calculate its fee.

## EXHIBIT C - INSURANCE REQUIREMENTS

### 1. LIMITATIONS ON LIABILITY

By submitting a Proposal, the Consultant acknowledges and agrees that the services will be provided without any limitation on the Consultant's liability. The County objects to and shall not be bound by any term or provision that purports to limit the Consultant's liability to any specified amount in the performance of the services. The Consultant shall state any exceptions to this provision in its response, including specifying the proposed limits of liability in the stated exception to be included in the Services Agreement. The Consultant is deemed to have accepted and agreed to provide the services without any limitation on the Consultant's liability that the Consultant does not take exception to in its response. Notwithstanding any exceptions by the Consultant, the County reserves the right to declare its prohibition on any limitation on the Consultant's liability as non-negotiable, to disqualify any Proposal that includes exceptions to this prohibition on any limitation on the Consultant's liability, and to proceed with another responsive, responsible proposal, as determined by the County in its sole discretion.

### 2. INDEMNIFICATION

If the Consultant is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the County relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance, operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the Consultant will indemnify and hold harmless the County, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the Consultant and other persons employed or utilized by the Consultant in the performance of the Agreement.

### 3. INSURANCE

The Consultant must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award.

The Consultant shall obtain and maintain, and require any sub-Consultants to obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Consultant shall maintain coverage and provide evidence of insurance for two (2) years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

- A. Submittals should include the Consultant's current Certificate(s) of Insurance. If Consultant does not currently meet insurance requirements, Consultant shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.

Upon selection of Consultant for award, the selected Consultant shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant, no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**

- B. Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. The County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.
- C. If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax, the authorized Consultant of Pinellas County. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at [InsuranceCerts@pinellascounty.org](mailto:InsuranceCerts@pinellascounty.org) and to CTrax c/o JDi Data at [PinellasSupport@jdidata.com](mailto:PinellasSupport@jdidata.com) by the Consultant or their agent prior to the expiration date.

- 1) The Consultant shall also notify the County within twenty-four (72) hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Consultant from its insurer. Notice shall be given by email to Pinellas County Risk Management at

[InsuranceCerts@pinellascounty.org](mailto:InsuranceCerts@pinellascounty.org). Nothing contained herein shall absolve Consultant of this requirement to provide notice.

- 2) Should the Consultant, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.

D. If subcontracting is allowed under this RFP, the Primary Consultant shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any sub-consultants to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subconsultant; but in no event will the insurance limits be less than \$500,000 for Workers' Compensation/Employers' Liability, and \$1,000,000 for General Liability and Auto Liability if required below.

All subcontracts between the Consultant and its subconsultants shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall:

- 1) Require each subconsultant to be bound to the Consultant to the same extent the Consultant is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subconsultant;
- 2) Provide for the assignment of the subcontracts from the Consultant to the County at the election of Owner upon termination of the Contract;
- 3) Provide that County will be an additional indemnified party of the subcontract;
- 4) Provide that the County will be an additional insured on all insurance policies required to be provided by the subconsultant except workers compensation and professional liability;
- 5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;
- 6) Assign all warranties directly to the County;
- 7) Identify the County as an intended third-party beneficiary of the subcontract. The Consultant shall make available to each proposed subconsultant, prior to the execution of the subcontract, copies of the Contract Documents to which the subconsultant will be bound by this Section C and identify to the subconsultant any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.

E. Each insurance policy and/or certificate shall include the following terms and/or conditions:

- 1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.
- 2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Consultant.
- 3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.
- 4) All policies shall be written on a primary, non-contributory basis.

The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

- 1) **Workers' Compensation Insurance:** Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein

Limits	Florida Statutory
Employers' Liability Limits	
Per Employee	\$500,000
Per Employee Disease	\$500,000
Policy Limit Disease	\$500,000

If Licensee/Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

- 2) **Commercial General Liability Insurance:** including, but not limited to, Independent Contractor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury.

Limits	
Combined Single Limit Per Occurrence	\$1,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal Injury and Advertising Injury	\$1,000,000
General Aggregate	\$2,000,000

- 3) **Pollution Legal/Environmental Legal Liability Insurance:** for pollution losses arising from all services performed to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

- a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;
- b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.
- c. Cost of Cleanup/Remediation.

Limits	
Per Claim or Occurrence	\$1,000,000
General Aggregate	\$1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Pollution Legal/Environmental Legal Liability and other coverage combined.

- 4) **Professional Liability (Errors and Omissions) Insurance:** with at least minimum limits as follows. If “claims made” coverage is provided, “tail coverage” extending three (3) years beyond completion and acceptance of the project with proof of “tail coverage” to be submitted with the invoice for final payment. In lieu of “tail coverage”, Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing “claims made” insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	\$2,000,000
General Aggregate	\$2,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Professional Liability and other coverage combined.

- 5) **Property Insurance:** Proposer will be responsible for all damage to its own property, equipment and/or materials.