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DOCUMENT ROUTING FORM

NAME OF DOCUMENT: Task Order 01 HARDESTY & HANDOVER, LLC, \$213,247  
CAM: 15-0779 ITEM: CM-12 CCM: JULY 7, 2015

Routing Origin: ☒ CAO Also attached: ☒ copy of CAM ☒ Original Documents

City Attorney's Office: Approved as to Form 3 Originals and Delivered to City Manager

Assistant City Attorney: 

CIP FUNDED ☐ YES ☒ NO  
Capital Investment / Community Improvement Projects

Capital Investment / Community Improvement Projects defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, fixtures) that add value and/or extend useful life, including major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, real.

2) City Manager: Please sign as indicated and forward 3 originals to City Clerk.

INSTRUCTIONS TO CLERK'S OFFICE

3) City Clerk: Retains one original and forwards 3 copies of documents to: Kian Movafaghi 7818

☒ Original Route form to Kian Movafaghi





**CITY OF FORT LAUDERDALE**  
**City Commission Agenda Memo**  
**REGULAR MEETING**

**# 15-0779**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Lee R. Feldman, ICMA-CM, City Manager

**DATE:** July 7, 2015

**TITLE:** Motion to approve professional services for Coconut Isle Bridge  
Replacement – Hardesty & Hanover, LLC – \$213,247 Task Order

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**Recommendation**

It is recommended that the City Commission approve a Task Order with Hardesty & Hanover, LLC for design and construction management services on the Coconut Isle Bridge Replacement in an amount not to exceed \$213,247.

**Background**

On July 1, 2014 the City Commission approved CAM 14-0810 retaining TranSystems Corporation Consultants (TranSystems) to assess bridges Citywide and prepare the Structural Bridge Engineering Consulting Services Master Plan, RFQ No. 946-11310. In August 2014, TranSystems provided the City with the Bridge Master Plan Report. The report recommended the replacement of the Coconut Isle Bridge, a single span, reinforced concrete arch bridge built in 1925.

In February 2015, City Staff engaged in negotiations with Hardesty & Hanover, LLC, a consultant under the Bridge Engineering Consulting Services Agreement, RFQ No. 246-11376, for the design and construction management services of the Coconut Isle Bridge Replacement Project. On May 18, 2015 City Staff came to an agreement with Hardesty & Hanover for professional engineering services in the amount of \$213,247. Task Order No. 1 is for the design, bid phase assistance, and construction management services for the Coconut Isle Bridge replacement project.

**Resource Impact**

There will be a fiscal impact to the City in the amount of \$213,247 for the task order and \$84,000 for estimated in house project management fees, for a total amount of \$297,247.



Funds available as of June 26, 2015					
ACCOUNT NUMBER	INDEX NAME (Program)	OBJECT CODE/ SUB- OBJECT NAME	AMENDED BUDGET (Object Code)	AVAILABLE BALANCE (Object Code)	AMOUNT
343-P12089.343- 6599	Bridge Replacement at Coconut Isle	Capital Outlay/ Construction	\$300,000	\$300,000	\$297,247
TOTAL →					\$297,461

### Strategic Connection

This item is a Press Play Fort Lauderdale Strategic Plan 2018 initiative, included within the Infrastructure Cylinder of Excellence, specially:

- Goal 2: Be a sustainable and resilient community.
- Objective 1: Proactively maintain our water, waste water, road, bridge and facilities infrastructure.

This item advances the *Fast Forward Fort Lauderdale 2035 Vision Plan: We are Ready*

### Attachment

Exhibit 1 – Task Order No. 1

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Prepared by: Carlos Acosta, P.E., PMP, Senior Project manager  
Pedram Zohrevand, P.E., Assistant City Engineer

Department Director: Hardeep Anand, P.E., Public Works



FLORIDA DEPARTMENT OF STATE  
DIVISION OF CORPORATIONS

## Detail by Entity Name

Foreign Limited Liability Company

HARDESTY &amp; HANOVER, LLC

Filing Information

Document Number	M11000005503
FEI/EIN Number	453031954
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State	DE
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Principal Address1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036Mailing Address1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036Registered Agent Name & AddressNOLES, TIMOTHY  
1000 SAWGRASS CORPORATE PKWY.  
STE. 504  
SUNRISE, FL 33323Authorized Person(s) DetailName & Address

Title Managing Member

SKELTON, PAUL M  
1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036

Title Managing Member

NOLES, TIMOTHY J  
1000 SAWGRASS CORPORATE PKWY  
SUNRISE, FL 33323

Title Managing Member

BLUNI, SEAN A  
1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036

Title Managing Member

WAN, DANIEL Y  
1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036

Title Managing Member

Schetelich, Glen E  
5 Marine View Plaza  
503  
Hoboken, NJ 07030

Title Managing Member

Griesing, Keith R  
1501 BROADWAY, 3RD FLOOR  
NEW YORK, NY 10036

Title Managing Member

Hawkins, Michael D  
59 Elm Street  
225  
New Haven, CT 06510Annual Reports

Report Year	Filed Date
2013	03/14/2013



16 JUL 15 11:25 AM

## TASK ORDER No. 1

Dated this 7 day of July, 2015

### FORT LAUDERDALE PUBLIC WORKS DEPARTMENT COCONUT ISLE DRIVE BRIDGE RELACEMENT

#### PROFESSIONAL SERVICES

This Task Order between the City of Fort Lauderdale, a Florida municipal corporation ("CITY") and Hardesty & Hanover, LLC, a Delaware limited liability company authorized to transact business in Florida, ("CONSULTANT") is pursuant to the Bridge Engineering Consulting Services Agreement dated November 18, 2014 and expiring on November 17, 2016 ("MASTER AGREEMENT").

#### PROJECT BACKGROUND

The Project is generally described as follows: The Coconut Isle Drive Bridge will be replaced with a new bridge. The CONSULTANT services shall include design development services, construction/bid documentation services and contract administration.

The CONSULTANT is responsible for working in cooperation with officials of the CITY, or their designees, and with the CITY'S project managers in administering the design and construction of this project. The CONSULTANT will be responsible for the preparation of all construction documents and will coordinate all required permit applications.

#### GENERAL REQUIREMENTS

##### **Design Standards**

The CONSULTANT shall be solely responsible for determining the standards the work shall meet and obtain all the requisite regulatory approvals.

##### **Quality Control**

The CONSULTANT is solely responsible for quality control of the work. The Consultant shall provide a list of sub-consultants for the project, which will not be changed without the approval of the City's Project Manager.

##### **Project Design Schedule**

The CONSULTANT shall develop a design schedule with the City's Project Manager within 10 business days after the Notice-to-Proceed and prior to the CONSULTANT beginning work. The design schedule shall include at a minimum the dates for the various design development phases and submittals, design review timeframes, and permitting. The schedule shall be prepared in Microsoft Project.



Submit monthly status reports indicating progress of the design and conformance with the project design schedule. It is understood that the schedule is a dynamic tool and maybe adjusted as required, due to outside agency input.

### **Coordination and Permits**

The CONSULTANT shall conduct all the necessary coordination with various City departments and other regulatory agencies that have an interest, jurisdiction over and may require permits for this project. During the cost estimation preparation, the Consultant shall provide an estimated for approvals/permits from all the City and non- City departments/agencies, having an interest or jurisdiction over this project which include, but are not limited to:

- SFWMD
- USACE
- USCG
- Broward County EPGMD

### **SPECIFIC SCOPE OF SERVICES**

The Scope of Services to be provided by CONSULTANT shall be as follows:

#### **Task 1.1 - Bridge Alternative Study and 30% Design Submission**

**Task 1.1.1 – Bridge Component Alternatives Study (BAS)** – CONSULTANT shall investigate listed components and solicit City approval of recommended alternative prior to proceeding to design development. The components to be investigated are:

1. **Bridge Geometry:** The bridge length, height and pier locations are subject to vertical and horizontal design clearance requirements such as those for clear zone, navigation and hydrology. After these considerations are met, span lengths are governed by economics and aesthetic considerations. Superstructure depths (grade separation structures in particular) shall be kept to the minimum that is consistent with good engineering practice. Vertical clearances shall accommodate a 1 foot of sea level rise.
2. **Superstructure:** FIB Beam, inverted-tee sections, reinforced or prestressed concrete slabs.
3. **Substructures:** Substructure types that could be considered are pile bents or spread footings.
4. **Temporary Traffic Control:** Show how traffic will be maintained during construction for each of the bridge alternates considered. Assess the impacts of the traffic carried on the structures as well as under the structures being constructed. Consider all major overhead work items such as bridge demolition and girder placement. Show phased construction sequences, girder splice locations, etc., for each alternate being considered. Compare traffic user impacts for each of the alternates
5. **Quantity estimates:** For minor bridges rough quantities (such as reinforcing steel based on weight per volume of concrete) may be sufficient, keeping in mind that the intent is to establish relative and equitable costs between alternates and not necessarily to require the accuracy of the Final Estimate. For projects involving the demolition of bridges, debris volume quantities must be calculated.
6. **Develop cost comparisons** based on relevant FDOT unit prices and consultation with industry. Report the estimated total direct costs and estimated total indirect costs, as well as the sum of both, for each alternate as three separate dollar amounts in a summary table.



7. Retaining Wall Comparison
8. **Bicycle and Pedestrian Facilities:** The report shall describe the facilities to be provided and the means to be used to comply with ADA requirements

**Task 1.1.2 - 30% Design Submission** – The 30% submission shall include, at a minimum, the following information:

1. General Notes Sheets
2. Plan and Elevation Sheets
3. Typical section
4. Substructure elements and sizes
5. Preliminary Wall Control Drawings
6. Topographic Survey and property corner location

**30% Design Documents** – The CITY shall inform the CONSULTANT within 14 days of receiving the submittal on how to proceed with the proposed design. The CONSULTANT shall attend one coordination meeting with the CITY to address review comments. The CONSULTANT shall also obtain all necessary approvals from the CITY prior to proceeding with further design. CONSULTANT shall prepare the agenda and submit meeting minutes.

**Opinion of Probable Cost** – The CONSULTANT shall prepare an opinion of probable cost at the 30% Design Documents and make the changes to the design if needed to have it within the proposed budget.

**Project Schedule at 30% Design** – The CONSULTANT shall deliver an updated schedule in Microsoft Project of the work break down as part of this submittal package for City review and approval. Schedule shall include at a minimum deliverables dates, milestones, QA/QC time, and permitting timeframes. CITY review time frame shall be not less than seven (7) business days per submittal.

CONSULTANT shall provide three (3) original sets of the 30% design package (11" x 17" plan sheets), together with an electronic copy for review and comment by the City.

**Task 1.2 - Design Development Services** – CONSULTANT shall provide engineering services to design and produce plans for the following components of the project:

**Task 1.2.1 – 60% Design Submission** – At this submittal, all comments from earlier reviews shall have been resolved. The 60% design submission shall include, at a minimum, the following:

- Permitting
- Public Involvement Support – Electronic exhibits for Public Meeting.
- Single Span Concrete Bridge
  - Superstructure Design
  - Substructure Design
  - Foundation Design
- Single Span Concrete Bridge Load Rating
- Bridge bulkhead wall design
- Temporary bridge
- Maintenance of traffic



- Roadway (Including Vertical Profile and harmonization with existing roadway elements)
- Signing and Pavement Marking
- Drainage
- Utility coordination
- Geotechnical Investigation

**60% Design Documents** – The CITY shall inform the CONSULTANT within 14 days of receiving the submittal on how to proceed with the proposed design. The CONSULTANT shall attend one coordination meeting with the CITY to address review comments. The CONSULTANT shall also obtain all necessary approvals from the CITY prior to proceeding with further design. CONSULTANT shall prepare the agenda and submit meeting minutes.

**Project Schedule at 60% Design** – The CONSULTANT shall deliver an updated schedule in Microsoft Project of the work break down as part of this submittal package for City review and approval. Schedule shall include at a minimum deliverables dates, milestones, QA/QC time, and permitting timeframes. CITY review time frame shall be not less than seven (7) business days per submittal.

CONSULTANT shall provide three (3) original sets of the 60% design package (11" x 17" plan sheets), together with an electronic copy for review and comment by the City.

**Task 1.2.2 – 90% Design Submission** – At this submittal, all comments from previous reviews shall have been resolved. The 90% design submission shall include, at a minimum, the following:

- Permitting
- Public Involvement Support – Electronic exhibits for Public Meeting.
- Single Span Concrete Bridge
  - Superstructure Design
  - Substructure Design
  - Foundation Design
  - Load Rating
- Single Span Concrete Bridge Load Rating
- Bridge bulkhead wall design
- Temporary bridge
- Maintenance of traffic
- Roadway
- Signing and Pavement Marking
- Drainage
- Utility coordination
- Technical Specifications

**90% Design Documents** – The CITY shall inform the CONSULTANT within 14 days of receiving the submittal on how to proceed with the proposed design. The CONSULTANT shall attend one coordination meeting with the CITY to address review comments. The CONSULTANT shall also obtain all necessary approvals from the CITY prior to proceeding with further design. CONSULTANT shall prepare the agenda and submit meeting minutes.



**Cost Estimate** – The CONSULTANT shall prepare a cost estimate at the 90% Design Documents and make the changes to the design if needed to have it within the proposed budget.

**Project Schedule at 90% Design** – The CONSULTANT shall deliver an updated schedule in Microsoft Project of the work break down as part of this submittal package for City review and approval. Schedule shall include at a minimum deliverables dates, milestones, QA/QC time, and permitting timeframes. CITY review time frame shall be not less than seven (7) business days per submittal.

CONSULTANT shall provide three (3) original sets of the 90% design package (11" x 17" plan sheets), together with an electronic copy for review and comment by the City.

**Task 1.2.3 – 100% Design Submission** – At this submittal, all comments from previous reviews shall have been resolved. The 100% design submission shall include complete plans and specifications.

**100% Design Documents** – The CITY shall inform the CONSULTANT within 14 days of receiving the submittal on how to proceed with the proposed design. The CONSULTANT shall attend one coordination meeting with the CITY to address review comments. The CONSULTANT shall also obtain all necessary approvals from the CITY prior to producing final plans. CONSULTANT shall prepare the agenda and submit meeting minutes.

**Cost Estimate** – The CONSULTANT shall prepare a cost estimate at the 100% Design Documents.

**Project Schedule at 100% Design** – The CONSULTANT shall deliver an updated schedule in Microsoft Project of the work break down as part of this submittal package for City review and approval. Schedule shall include at a minimum deliverables dates, milestones, QA/QC time, and permitting timeframes. CITY review time frame shall be not less than seven (7) business days per submittal.

CONSULTANT shall provide three (3) original signed and sealed sets of the 100% design package (11" x 17" plan sheets), together with an electronic copy for review and comment by the City.

Once all changes are made, or if no changes or corrections are necessary after City review, the CONSULTANT shall submit the Final Plans and Specifications, and any other document required by the City. CONSULTANT shall provide three (3) original signed and sealed sets of the Final Design Package (24" x 36" plan sheets), together with an electronic copy.

**Task 1.3 - Bidding Services** - CONSULTANT shall provide services during the bidding phase.

- Bid Support
  - Review bids
  - Respond to bid questions (25 assumed)
  - Issuing the clarification or drawings/addendums as needed
  - Participate in pre-bid conference.

**Task 1.4 - Post Design Services** - CONSULTANT shall provide services during the construction phase.



- CONSULTANT shall attend and record minutes of the pre-construction meeting as scheduled by the CITY.
- CONSULTANT shall review all shop drawings and submittals within 10 business days of receipt of the item to determine compliance with the drawings and specifications. Assume 10 shop drawings packages.
- CONSULTANT shall provide a written response to all requests for information (RFIs) within seven business days. Assume 50 RFI's.
- CONSULTANT shall review the contractor's request for payments.
- CONSULTANT shall review and respond to request for changes and claims and forward recommendations and cost evaluations to the CITY.
- CONSULTANT shall make periodic site visits for the purpose of determining general compliance with the approved project drawings, plans, and specifications.
- CONSULTANT shall attend periodic on-site project meetings.
- CONSULTANT shall review as-built drawings provided by the contractor and provide written comments to the City.

#### **Deliverables:**

Deliverables for this project shall consist of the following:

- Bridge Alternative Study and Design development drawings @ 30%.
- Design development drawings and calculations @ 60%.
- Design development drawings and calculations, if required by earlier comment, @ 90% including specifications.
- 100% Complete drawings, calculations, if required by earlier comment, and specifications
- Final Construction documents
- Each submission will include appropriately detailed construction cost estimates.
- Bid package, responses to the questions if required.
- Schedule for design phase deliverables (Microsoft Project)

The deliverables need to include DWG, PDF, WORD, and Excel files as required. The drawings need to comply with CITY CAD Standards.



### **PROJECT ASSUMPTIONS**

- CITY shall provide access to site.
- City shall provide any existing electronic CAD files. City cannot be responsible for accuracy.
- Existing geometry assumed to be acceptable to all permitting agencies.

### **PERFORMANCE SCHEDULE**

The CONSULTANT shall perform the services identified in Tasks 1.1 and 1.2 within 270 days of Notice To Proceed. Task 1.3 and 1.4 schedules shall be determined based on the bid dates and construction award period. CONSULTANT shall provide a schedule for all design deliverables and milestone. CONSULTANT shall prepare design schedule in Microsoft Project form.

### **PROJECT FUNDING**

Performance of this project is at the CITY's discretion and may be contingent upon the CITY receiving funding and work shall not begin until the CITY provides a Notice to Proceed to Consultant.

### **METHOD OF COMPENSATION**

The services performed will be accomplished using the Not-to-Exceed method of compensation. The total hourly rates payable by the CITY for each of CONSULTANT's employee categories, reimbursable expenses, if any, and sub-consultant fees, if any, are shown on Exhibit 3 attached hereto and made a part hereof. Pay applications shall be detailed and submitted monthly.

### **TERMS OF COMPENSATION**

Services will be provided for the following Not-to-Exceed amounts:

Task 1.1.1 - Bridge Alternative Study	\$12,877
Task 1.1.2 - 30% Submission	\$42,719
Task 1.2.1 - 60% Submission	\$40,280
Task 1.2.2 - 90% Submission	\$57,217
Task 1.2.3 - 100% and Final Submission	\$10,848
Task 1.3 – Bidding Services	\$6,062
Task 1.4 -Post Design Services	\$23,844
Permit Allowance	\$8,000
Geotechnical Field Investigation	\$7,400
Expenses	\$4,000
Grand Total	\$213,247



### CITY CONTACTS

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to [AcctsPayable@FortLauderdale.gov](mailto:AcctsPayable@FortLauderdale.gov). All other correspondence and submittals should be directed to the attention of Raymond Nazaire, Project Manager II, at the address shown below. **Please be sure that all correspondence refers to the City project number and title as stated above.**

City of Fort Lauderdale  
City Hall, 4<sup>th</sup> Floor Engineering  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301

### CONSULTANT CONTACTS

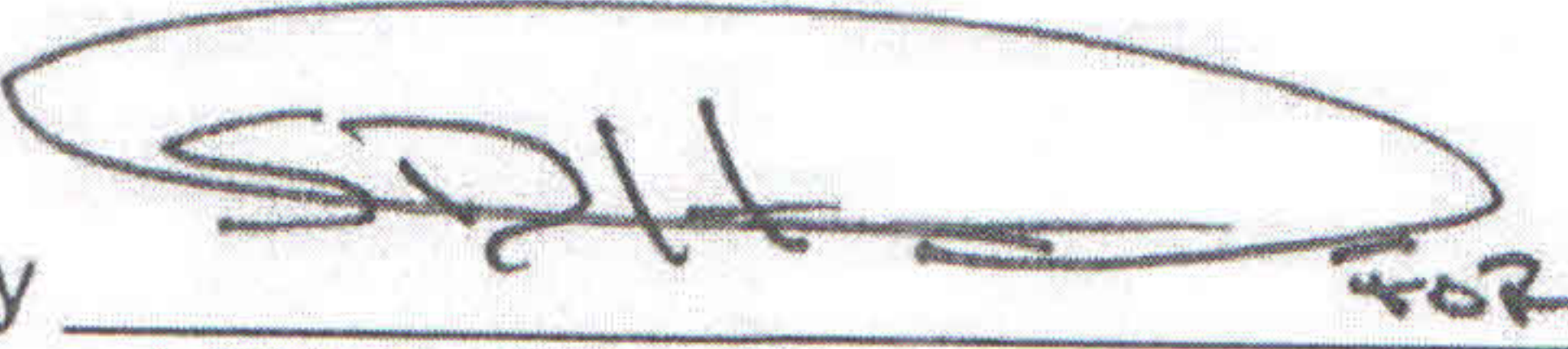
Ronald Sanchez, P.E.  
1000 Sawgrass Corporate Parkway Suite 544  
Sunrise, FL 33323  
Hardesty & Hanover, LLC  
Email: [rsanchez@hardesty-hanover.com](mailto:rsanchez@hardesty-hanover.com)  
Phone: 954-368-6366  
Fax: 954-835-9130



CITY


IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

CITY OF FORT LAUDERDALE, a municipal  
corporation of the State of Florida:

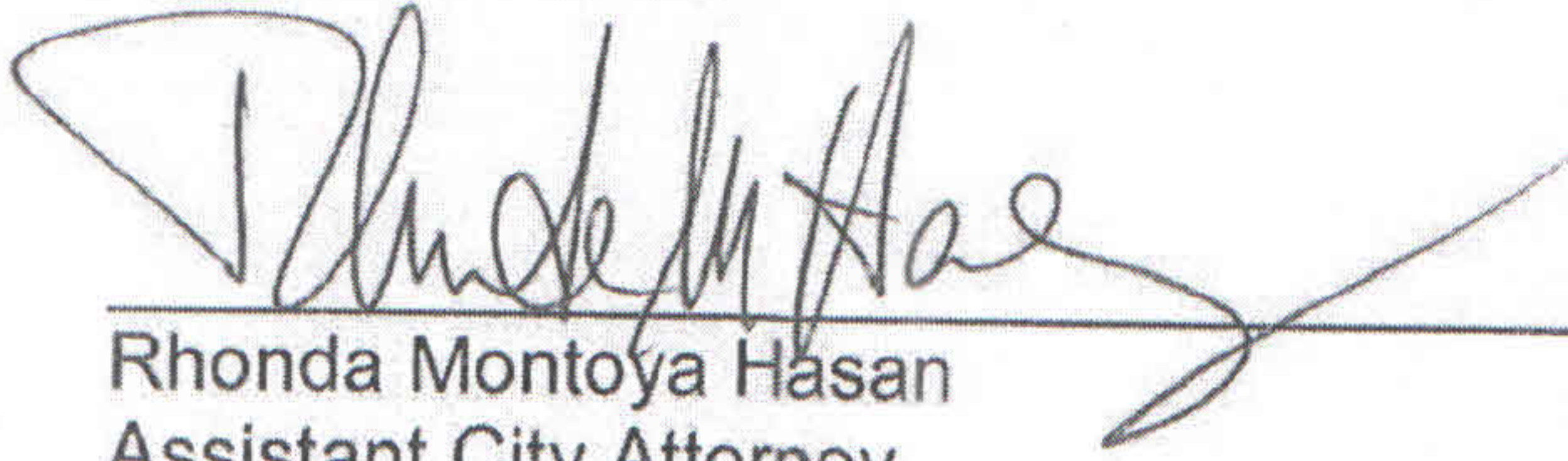
By   
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

  
\_\_\_\_\_  
Asst City Clerk  
JEFFREY A. MODARELLI

Approved as to Legal Form:

  
\_\_\_\_\_  
Rhonda Montoya Hasan  
Assistant City Attorney



**CONSULTANT**

WITNESSES:

HARDESTY & HANOVER, LLC.  
A Florida Limited liability Company

by: Timothy J. Noles  
Timothy J. Noles, PE  
Principal

ATTEST:

Sabrina R. Sanchez

Secretary

(CORPORATE SEAL)

STATE OF FLORIDA:  
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me this 27<sup>th</sup> day of May, 2015, by Timothy J. Noles, P.E. as principal for HARDESTY & HANOVER, LLC. a Florida Limited Liability Company authorized to transact business in the State of Florida.

(SEAL)



SABRINA R. SANCHEZ  
NOTARY PUBLIC  
STATE OF FLORIDA  
Comm# EE092064  
Expires 6/22/2015

Sabrina R. Sanchez  
Notary Public, State of Florida  
(Signature of Notary Public)

SABRINA R. SANCHEZ  
Name of Notary Typed, Printed or Stamped

Personally Known ☒ OR Produced Identification ☐  
Type of Identification Produced \_\_\_\_\_



Hardeep Anand, P.E.  
Public Works Director  
City of Fort Lauderdale

Dear Mr. Anand,

Please let this letter serve as a formal request from Hardesty & Hanover, LLC (CONSULTANT) to utilize the following sub-consultants for Task Order No. 1 Title: COCONUT ISLE DRIVE BRIDGE RELACEMENT.

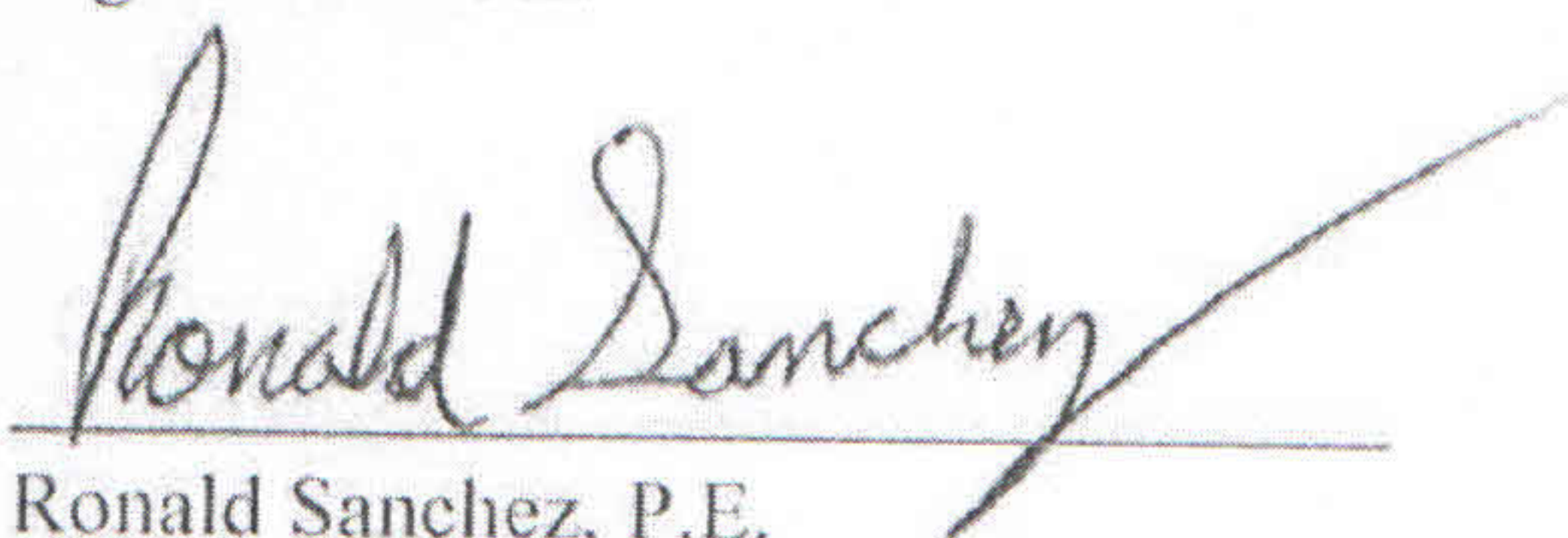
- Cyriacks Environmental Consulting Services, Inc. in the amount of \$25,712.00.

The primary scope of work for which the above sub-consultants shall be utilized are for Environmental Permitting.

All of the above-mentioned vendors shall abide by the terms for sub-consultants in the Master Agreement for Civil Engineering Consulting Services between the CONSULTANT and the City of Fort Lauderdale dated November 6, 2012 and extended by City Commission on October 21, 2014.

Please indicate authorization for use of these sub-consultant services on this project by signing below and returning a copy to the CONSULTANT.

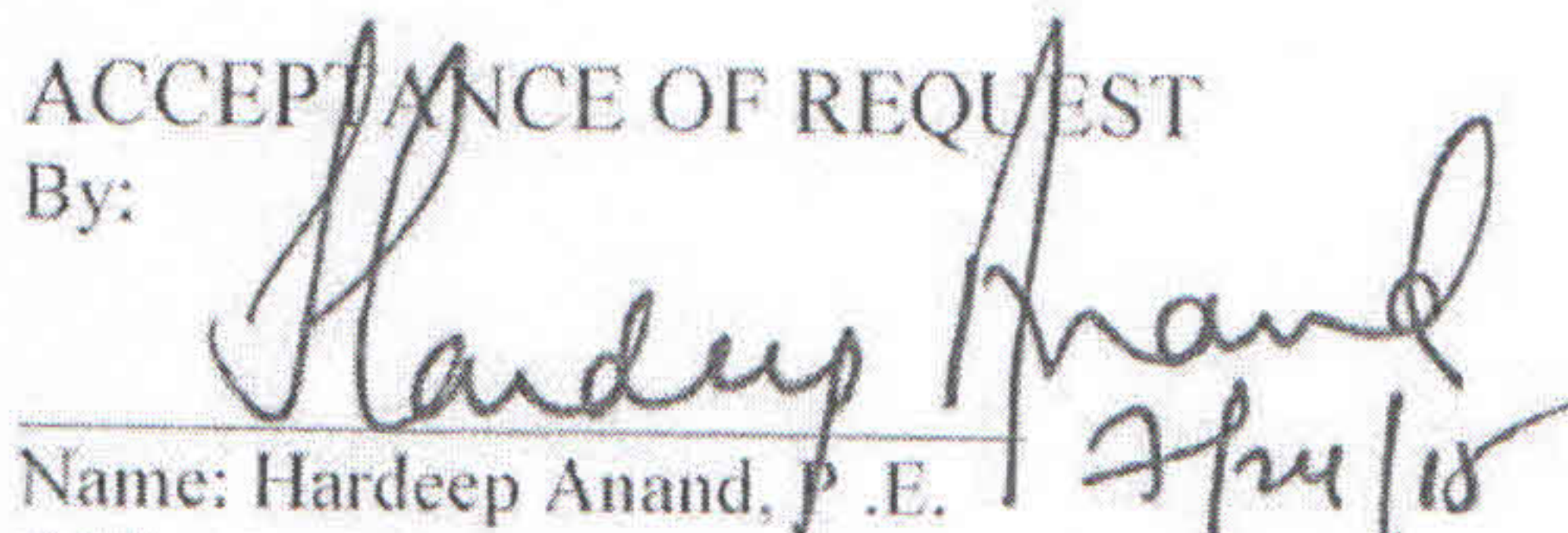
Signature Block



Ronald Sanchez, P.E.  
Project Manager  
Hardesty & Hanover, LLC

ACCEPTANCE OF REQUEST

By:



Name: Hardeep Anand, P.E.  
Title: Public Works Director