TASK ORDER No. 1

Dated this day of ,

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

SOUTH GORDON ROAD BRIDGE REPAIR

PROFESSIONAL SERVICES

This Task Order between the City of Fort Lauderdale, a Florida municipal corporation ("CITY") and Lakdas/Yohalem Engineering, Inc., a Florida Corporation ("CONSULTANT") is pursuant to the Structural Engineering Consulting Services Agreement dated July 12, 2016 and expiring on July 12, 2018 ("MASTER AGREEMENT").

PROJECT BACKGROUND

The bridge on South Gordon Road over the Las Olas Canal (Bridge No. 865731) is a 115 ft. long, three span, concrete rigid-frame bridge constructed in 1970. On May 8, 2014, TranSystems inspected the bridge as part of the project Structural Bridge Engineering Consulting Services Master Plan, RFQ No. 946-11310. TranSystems found deficiencies in the structural elements and recommended short term repairs to ensure the bridge will last the next 20 years without interruption to service.

The scope of work consists of repairs to the broken west metal handrail support and concrete, and stabilizing movement of the North approach slab.

It is the CITY's intent to address short term repairs on this bridge. The CONSULTANT services shall include design services, bidding services, and post-design services. The CONSULTANT is responsible for working in cooperation with officials of the CITY, or its 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 design and 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. The design shall include, but is not limited to, the plans and specifications which describe all systems, elements, details, components, material, equipment, and other information necessary for construction. The design shall be accurate, coordinated and in all respects adequate for construction and shall be in conformity, and comply, with all applicable law, codes, permits and regulations.

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.

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 milestone dates for the various design activities and submittals, design review timeframes, and permitting. The schedule shall be prepared in Microsoft Project. The CONSULTANT shall submit updated project schedules as indicated in the specific scope of services.

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 CITY and non-CITY departments/agencies, having an interest or jurisdiction over this project.

SPECIFIC SCOPE OF SERVICES

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

Task 1.1 - Bridge Assessment and Report

- The CONSULTANT shall review the findings of the Bridge Inspection Report provided by the CITY on September 29, 2015.
- The CONSULTANT shall supplement the Bridge Inspection Report by conducting an on-site condition survey of deteriorated bridge elements.
- The CONSULTANT shall identify deficiencies below the bridge North approach slab utilizing coring.
- The CONSULTANT shall identify key constructability issues.
- The CONSULTANT shall identify bridge-mounted utilities and coordinate with utility owners to address temporary support or relocation of the utilities.
- The CONSULTANT shall prepare a summary of findings and meet with the CITY to discuss the findings and potential repair strategies. The CONSULTANT shall prepare the agenda and submit meeting minutes.

Deliverables

The following deliverables shall be provided under this Task:

- Two (2) copies of summary of inspection findings and repair approach.
- One (1) copy of the meeting minutes.

Task 1.2 – Bridge Repair Design (90% Submittal)

- The CONSULTANT shall incorporate the findings from Task 1.1 and agreed upon repair approach in the repair design.
- The CONSULTANT shall perform a structural evaluation, analysis, and provide recommendations for structural strengthening and remediation.
- The CONSULTANT shall prepare repair design drawings and specifications to include the units of material to be incorporated into the proposed repair.
- The CONSULTANT shall submit the 90% plans submittal for CITY review. The design drawings shall be submitted in 11" x 17" plan sheets.
- The CITY shall provide review comments to the CONSULTANT within 10 days of receiving the submittal.
- The CONSULTANT shall attend a meeting with the CITY to review the 90% design comments. The CONSULTANT shall incorporate the review comments into the final contract documents. The CONSULTANT shall prepare the agenda and submit meeting minutes within five (5) days.
- The CONSULTANT shall obtain all applicable regulatory permits from agencies having an interest or jurisdiction over this project.
- The CONSULTANT shall prepare a construction cost estimate based on the final design.

Deliverables
The following deliverables shall be provided under this Task:

- Two (2) copies of the 90% design drawings and specifications.
- Two (2) copies of the design calculations.
- Two (2) copies of the design data.
- One (1) copy of the 90% design review meeting minutes.
- One (1) copy of the Construction Cost Estimate including units and unit pricing.
- One (1) original and one (1) copy of all environmental permits required to complete the work.

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

Task 1.3 – Final Repair Plans and Specifications (100% and Final Submittal)

- Once all changes are made based on the outcome of environmental permitting and 90% review meeting, or if no changes or corrections are necessary after CITY review, the CONSULTANT shall submit the 100% Plans and Specifications, and supporting documentation to the CITY.
- The final plans shall include, but not limited to:
  - ✓ Key sheet

- ✓ General notes
- ✓ Drawing index
- ✓ Structural repair details
- ✓ Material and construction specifications
- ✓ Maintenance of traffic (MOT)
- ✓ Utility plans
- ✓ Proposed bid tabulation with unit description and number of units

- The CONSULTANT shall submit the 100% plans submittal for CITY review. The CITY shall provide the CONSULTANT any review comments within seven (7) days of receiving the submittal.
- The CONSULTANT shall incorporate the review comments into the final plans documents.
- Once all changes are made, or if no changes or corrections are necessary after CITY review of the 100% submittal, the CONSULTANT shall submit the Final Plans and Specifications, and supporting document to the CITY.
- The CONSULTANT shall provide two (2) original signed and sealed sets of the Final Design Package (24" x 36" plan sheets), together with an electronic copy.
- The CONSULTANT shall prepare a final construction cost estimate based on the final design.

Deliverables

The following deliverables shall be provided under this Task:

- Two (2) copies of the 100% design drawings and specifications.
- Two (2) copies of the sealed design data and calculations.
- One (1) copy of the 100% design review meeting minutes.
- One (1) copy of the Final Construction Cost Estimate.
- Two (2) copies of the signed and sealed Final Contract Documents, including drawings (24" x 36" plan sheets) and specifications, plus an electronic copy.
- One (1) copy of all completed and sealed permit applications associated with the project.

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

Task 1.4 - Bidding Services - CONSULTANT shall provide services during the bidding phase.

- Review bids
- Respond to bid questions
- Issuing the clarification or drawings/addendums as needed
- Participate in pre-bid conference.

Task 1.5 – Construction Phase Services - CONSULTANT shall provide services during the construction phase as may be deemed necessary by the CITY.

- The 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.
- The CONSULTANT shall provide a written response to all requests for information (RFIs) within seven (7) business days. Assume 20 RFI's.
- The CONSULTANT shall review contractor's request for changes and claims and forward recommendations, schedule and cost evaluations to the CITY.
- The CONSULTANT shall make periodic site visits for the purpose of determining general compliance with the approved project drawings, plans, and specifications.
- The CONSULTANT shall attend periodic on-site project meetings, Assume six (6).
- The CONSULTANT shall review as-built drawings provided by the contractor and provide written comments to the CITY.

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

PROJECT ASSUMPTIONS

- No bridge or lane closures anticipated during CONSULTANT site visits and inspections.
- CITY shall provide any existing electronic CAD files. CITY cannot be responsible for accuracy of files.

ADDITIONAL SERVICES

If authorized in writing by the CITY as an amendment to this Task Order, the CONSULTANT shall furnish, or obtain, Additional Services of the types listed in the Master Agreement. The CITY, as indicated in the Master Agreement will pay for these services.

PERFORMANCE SCHEDULE

The CONSULTANT shall perform the services identified in Tasks 1.1 - 1.3 within 60 calendar days starting from the Notice to Proceed. Task 1.4 and 1.5 schedules shall be determined based on the bidding dates and construction award period. The CONSULTANT shall provide a schedule for all design deliverables and milestone. The 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 A 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 – Bridge Assessment and Report	$11,120.00
Task 1.2 – Bridge Repair Design (90%)	$8,240.00
Task 1.3 – Final Repair & Specifications (100%/Final)	$16,640.00
Task 1.4 – Bidding Services	$2,860.00
Task 1.5 – Construction Phase Services	$11,280.00
Permit Allowance	$0.00
Expenses (Reimbursable)	$500.00
Grand Total	**$50,640.00**

CITY CONTACTS

Requests for payments should be directed to CITY of Fort Lauderdale Accounts Payable via e-mail to AcctsPayable@FortLauderdale.gov after approval from the CITY's Project Manager. 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.**

Dane M. Esdelle., CGC, CMIT
Project Manager II
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, Fl. 33301
(954) 828-6885
Danee@fortlauderdale.gov

Marlon Lobban, P.E.
Senior Project Manager
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, Fl. 33301
(954) 828-4355
mlobban@fortlauderdale.gov

CONSULTANT CONTACTS

Lakdas Nanayakkara, P.E. C Eng., G.C.
Lakdas/Yohalem Engineering, Inc.
2211 NE 54th Street
Fort Lauderdale, FL 33308
Email: lye@lyengineering.com
Phone: 954-771-0630
Fax: 954-771-0519

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
FOR

(CORPORATE SEAL)

ATTEST:

_____
JEFFREY A. MODARELLI, City Clerk

Approved as to Legal Form:

_____
RHONDA M. HASAN
Assistant City Attorney

CONSULTANT

WITNESSES:

Roy Bodman
[Witness print/type name]

Kalquanian Crawford
[Witness print/type name]

(CORPORATE SEAL)

Lakdas/Yohalem Engineering, Inc., a Florida corporation authorized to transact business in Florida.

LAKDAS NANAYAKKARA
[Print Name, check title]

☑ President ☐ Vice President
☐ Authorized Signatory (Please provide corporate authorization)

ATTEST:

Secretary
LAKDAS NANAYAKKARA
[Print Name]

STATE OF FLORIDA :
COUNTY OF BROWARD :

The foregoing instrument was acknowledged before me this 16th day of March, 2017, by Lakdas Nanayakkara as President of Lakdas Yohalem Engineering INC. a Florida corporation who is ☑ personally known to me or ☐ has produced _____ as identification.

(SEAL)

LUAN NGUYEN
MY COMMISSION # FF963808
EXPIRES February 23, 2020
FloridaNotaryService.com

Notary Public, State of FL (Signature of Notary Taking Acknowledgment)

LUAN NGUYEN
Name of Notary Typed, Printed or Stamped

My Commission Expires: _____
Commission Number: _____

LUAN NGUYEN
MY COMMISSION # FF963808
EXPIRES February 23, 2020
FloridaNotaryService.com

Exhibit A – Work Break Down Fee Schedule

A. Fee Schedule – Structural Assessment and Report

Fee Schedule								Total Hours	Labor Cost ($)
Labor Category		Labor Category I – Principal		Labor Category II – Project Manager		Labor Category III – Project Engineer			
Percent Utilization		%		%		%			
Labor Rate		$205.00/hr		$135.00/hr		$120.00/hr			
Task No	Task Title	Hour	Subtotal ($)	Hours	Subtotal ($)	Hours	Subtotal ($)		
1.1	Bridge Assessment and Report	8	$1,640.00	40	$5,400.00	24	$2,880.00	72	$9,920.00
Totals		8	$1640.00	40	$5,400.00	24	$2,880.00	72	$9,920.00

B. Sub-Consultant – Diversified Diving Services

Fee Schedule								Total Hours	Labor Cost ($)
Labor Category		Labor Category I		Labor Category II		Labor Category III			
Percent Utilization		%		%		%			
Labor Rate		$160/hr		$/hr		$/hr			
Task No	Task Title	Hours	Subtotal ($)	Hours	Subtotal ($)	Hours	Subtotal ($)		
1.1	Underwater Survey	7.5	1,200.00					7.5	$1,200.00
Totals		7.5	$1,200.00					7.5	$1,200.00

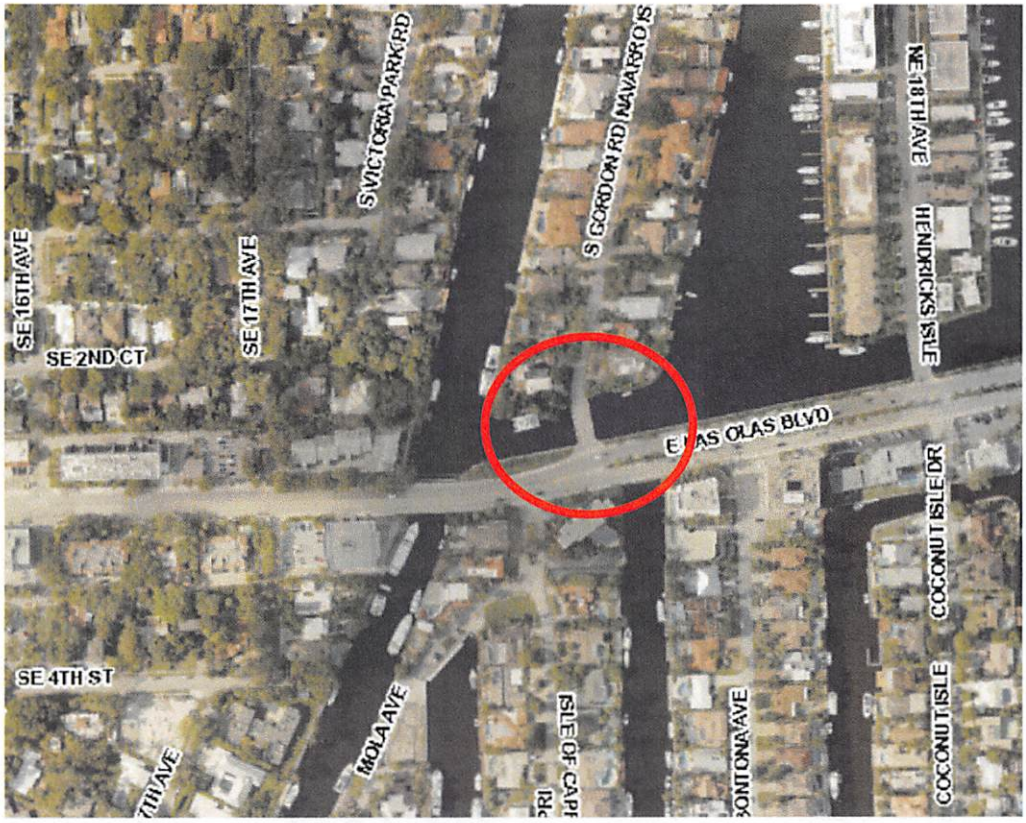
C. Reimbursables (in accordance with Master Agreement)

Task No	Task Title	Reimbursable Description	Cost ($)
1.1	Cost	Printing	$500.00
		Reimbursables Subtotal	$ 500.00

B. Fee Schedule – Design, Bidding and Construction Phase Services

Fee Schedule								Total Hours	Labor Cost ($)
Labor Category		Labor Category I – Principal		Labor Category II – Project Manager		Labor Category III – Project Engineer			
Percent Utilization		%		%		%			
Labor Rate		$205.00hr		$135.00/hr		$120.00/hr			
Task No	Task Title	Hour	Subtotal ($)	Hours	Subtotal ($)	Hours	Subtotal ($)		
1.2	Bridge Repair Design (90% Submittal)	8	$1,640.00	40	$5,400.00	10	$1,200.00	58	$8,240.00
1.3	Final Contract Plans and Repair Specifications (100% Submittal)	8	$1,640.00	40	$5,400.00	80	$9,600.00	128	$16,640.00
1.4	Bidding Services	4	$820.00	8	$1,080.00	8	$960.00	20	$2,860
1.5	Construction Phase Services	12	$2,460.00	12	$1,620.00	60	$7,200.00	84	$11,280.00
Total		**32**	**$6,560.00**	**100**	**$13,500.00**	**158**	**$18,960.00**	**392**	**$39,020.00**

Exhibit B – Location Map



(2) (L)
4/20/17

COMMISSION AGENDA ITEM DOCUMENT ROUTING FORM

Today's Date: 4/19/17

DOCUMENT TITLE: ~~Change Order No.~~ Task Order #1 1 / Lakdas/Yohalem Engineering, Inc.

COMM. MTG. DATE: 07/12/2016 **CAM #:** 16-0740 **ITEM #:** PUR-8 **CAM attached:** ☒ YES ☐ NO

Routing Origin: *CAO* **Router Name/Ext:** Lizardo Coronado

CIP FUNDED: ☒ YES ☐ NO

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, or 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, or real.

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1) City Attorney's Office # of originals attached: 3 Approved as to Form: ☒YES ☐NO

Date to CCO: 4/5/17 *RMH* Initials

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2) City Clerk's Office: # of originals: 2 **Routed to:** Gina Ri/CMO/X5013 **Date:** 4/19/17

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3) City Manager's Office: CMO LOG #: APR-57 Date received from CCO: 4/19/2017

Assigned to: L. FELDMAN ☐ S. HAWTHORNE ☐ C. LAGERBLOOM ☒
L. FELDMAN as CRA Executive Director ☐

☐ APPROVED FOR LEE FELDMAN'S SIGNATURE ☐ N/A FOR L. FELDMAN TO SIGN

PER ACM: **S. HAWTHORNE** _____ (Initial/Date) **C. LAGERBLOOM** _____ (Initial/Date) ☐ **PENDING APPROVAL** *(See comments below)*
Comments/Questions:_____

Forward ___ originals to ☐ Mayor ☒ CCO **Date:** 4/20/17

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4) Mayor/CRA Chairman: Please sign as indicated. Forward ___ originals to CCO for attestation/City seal (as applicable) **Date:** _____

INSTRUCTIONS TO CLERK'S OFFICE

City Clerk: Retains 1 original and forwards ~~3~~ 2 original/copy to: ***Kian M./PW/7818***

Attach ___ certified Reso # ____ ☐YES ☐NO

Rev. 6/10/16

PUBLIC WORKS

ROUTING FORM FOR TASK ORDERS – CITY MANAGER'S APPROVAL

Project/Contract Number:	12010 – Task Order #1	CMO Log #:	
Document Title:	SOUTH GORDON ROAD BRIDGE REPAIR	Attached:	☒ 3 original
Department:	Public Works - Engineering	Contact:	Dane Esdelle
Corresponding CAM #:	~~16-0277~~ 16-0740Sg 4/5/17	Contact #:	954-828-6885
Commission Date:	7/12/2016		

Purpose: This task order is to compensate the consultant for work as itemized within Task Order No. 1 – to provide design development services, permitting, bidding services, and construction management services for repairs to the South Gordon Bridge #865731.

FUNDING INFORMATION

CIP Funded Project:	Yes ☒ No ☐
Amount Required by Task Order:	$50,640
Index/Sub Object Code:	P12010 .331-6534
Engineering Finance Approval Sign:	Sanar Nahem 3/17/17 3/7/17 4/5/17

APPROVAL ROUTING –PUBLIC WORKS

	Approved:	Disapproved:	Signature/Date
Dane Esdelle, Project Manager II	☒	☐	3/6/17
Marlon Lobban, Senior Project Manager	☒	☐	3/22/17
Christopher Bennett, Assistant City Engineer	☒	☐	3/23/17
Alan M. Dodd, Deputy Public Works Director	☒	☐	3/24/17
Paul Berg, Public Works Director	☒	☐	Paul G. Berg 3-24-17

APPROVAL ROUTING –FINANCE DEPARTMENT

	Recommend Approval:	Disapproved:	Signature/Date
Kirk W. Buffington, C.P.M., Finance Director	☒	☐	Linda Regan Sheets 4/2/17

APPROVAL ROUTING – CITY ATTORNEY'S OFFICE

	Approved as to form:	Disapproved:	Signature/Date
City Attorney	☑	☐	

APPROVAL ROUTING – CITY MANAGER'S OFFICE

	Approved:	Disapproved:	Signature/Date
Lee R. Feldman, ICMA-CM, City Manager	☒	☐	

CITY CLERK'S OFFICE Upon approval by the City Manager, please route this form along with Task Order to PW- Engineering, **Kian Movafaghi** (Ext. 7818).

Rev. 010 October 14, 2016