

DOCUMENT ROUTING FORM

3 ✓ 1/11/13 (L)

NAME OF DOCUMENT: **NODARSE & ASSOCIATES, INC. TASK ORDER 1 FOR GEOTECHNICAL ENGINEERING SERVICES / FIRE STATION 54 REPLACEMENT - \$14,710**

Approved Comm. Mtg. on **DECEMBER 18, 2012** CAR# **12-2643** ITEM: **M-6**

Routing Origin: **CAO**

Also attached: copy of CAR copy of document ACM Form 3 originals

By: LB forwarded to: **MARYANN JOHNSTON, PUBIC WORKS ENGINEERING**
Initials

Capital Improvements 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, inc. major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, real.

1.) Approved as to Content: Albert Cole
Department Director

Please Check the proper box: CIP FUNDED YES NO
Capital Improvement Projects

2.) Approved as to Funds Available: by Douglas Pool Date: 12-27-12
Finance Director

Amount Required by Contract/Agreement \$ 14,710.00 Funding Source: P10914.336
Dept./Div. RBS/ENG Index/Sub-object 6534 Project # P10914

3.) City Attorney's Office: Approved as to Form: # 3 Originals to City Mgr. By: CARRIE SARVER
Carrie Sarver

2012 DEC 28 AM 9:25
RECEIVED
FILED
CLERK'S OFFICE
CITY ATTORNEY'S OFFICE

4.) Approved as to content: Assistant City Manager:
By: _____ By: _____
Stanley Hawthorne, Assistant City Manager Susanne Torriente, Assistant City Manager

5.) Acting City Manager: Please sign as indicated and forward 3 originals to Mayor.

6.) Mayor: Please sign as indicated and forward 3 originals to Clerk.

7.) To City Clerk for attestation and City seal.

12 DEC 28 PM 12:04

INSTRUCTIONS TO CLERK'S OFFICE

8.) City Clerk: retains one original document and forwards 2 original documents to:
MARYANN JOHNSTON, PUBIC WORKS ENGINEERING

Copy of document to _____ Original Route form to Linda Blanco, CAO
 Attach _____ certified copies of Reso. # _____ Fill-in date

Task Order #1 for

**Fire Station #54
City Project No. P10914**

Scope of Consulting Services
between

**The City of Fort Lauderdale, Florida
and
Nodarse & Associates, Inc.
Contact Name: Rutu Nulkar, P.E.
Address: 2448 Metrocentre Blvd., West Palm Beach, FL 33407
Phone: 561-616-0870
Fax: 561-616-0871**

Date 11/20/12

TASK ORDER No. 1

Dated this 18th day of December, 2012

CITY PROJECT No. P10914

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

REPLACEMENT FIRE STATION 54

PROFESSIONAL SERVICES

Describing a specific agreement between the City of Fort Lauderdale (CITY) and Nodarse & Associates, Inc. (CONSULTANT) in accordance with the terms of the agreement for geotechnical engineering and laboratory testing services dated July 7, 2010 between CITY and CONSULTANT ("MASTER AGREEMENT") and amended and extended by City Commission on June 5, 2012.

PROJECT INFORMATION

INTRODUCTION

Provide project justification and background

- Project Justification
 - CIP project established by 2004 Fire Rescue Bond

PROJECT DESCRIPTION

It is proposed to replace the existing Fire Station #54 at 3200 NE 32nd Street, Fort Lauderdale. The City proposes to construct a new fire station on previously developed land located at 3201 NE 32nd Street across the street from the existing fire station building. Work included in this task order is pre-design subsoil investigation of the proposed new site.

SCOPE OF SERVICES

CONSULTANT shall provide all geotechnical engineering services described on the tasks herein below:

TASKS

Task 1: Field Services

This task consists of seven (7) Standard Penetration Test Borings to varying depth of 35 to 60 feet. Soil Sampling will be performed using primarily SPT split-spoon sampling techniques (ASTM D 1586). Unless otherwise requested, sampling will be performed continuously in the top 10 feet below ground surface and 5-foot intervals thereafter. . Once the samples have been collected and classified in the field, they will be placed in appropriate sample containers and transported to our laboratory. In addition, we will

observe and record short-term groundwater levels during, immediately after drilling, and immediately after casing or auger removal.

Each borehole will be grouted upon completion to within 5 feet of the ground surface using a cement-bentonite grout mixture. The uppermost 5 feet will be backfilled using soil cuttings. If there are any excess soil cuttings after drilling and backfilling, they will be distributed around the borehole site.

Task 2: Laboratory Services

Select samples will be tested in our laboratory to determine physical engineering characteristics and index properties. Testing will be performed under the direction of a geotechnical engineer and is anticipated to include visual classification, grain size distribution, moisture content and Atterberg Limits.

Task 3: Engineering Services

Under the direction of a professional geotechnical engineer licensed in the State of Florida, a geotechnical engineering report will be compiled. The report will include the following:

- Written narrative describing the work site, equipment used, and procedures.
- Boring logs.
- Location map with boring locations
- Encountered soil conditions
- Summary of laboratory test results
- Recommendations pertaining to type of foundation required (shallow or deep foundations), bearing pressure if applicable
- Subgrade preparation/earthwork recommendations
- Pavement Recommendation

DELIVERABLES

CONSULTANT shall provide the following for City review and written approval:

- Reports
 - CONSULTANT shall submit PDF and three (3) signed and sealed hard copies of the geotechnical engineering report.
- Permits
 - CONSULTANT shall provide sufficient copies of all materials, including exhibits necessary for all permit submittals and for review by any and all reviewing agencies and committees. Permits may include, but are not limited to: City's Building Permits, City's Design Review Committee (DRC), County's Permits and State's Permits
- Invoices
 - CONSULTANT shall prepare and submit invoice upon completion of all tasks.

PROJECT ASSUMPTIONS

- City of Fort Lauderdale will provide right-of-entry conduct the exploration.
- CONSULTANT will contact Florida One Call for location of utilities in public easements. However, City of Fort Lauderdale will make CONSULTANT aware of any private utilities in the area.
- It is assumed that PPE consisting of steel-toed boots, hard hats, eye and ear protection, gloves and reflective vests will be adequate.
- Rock Coring is not estimated in this proposal.
- CONSULTANT assumes the work can be conducted during weekdays and daylight hours.

CITY'S REPONSABILITIES

- o City of Fort Lauderdale will provide right-of-entry conduct the exploration.
- o CONSULATNT will contact Florida One Call for location of utilities in public easements. However, City of Fort Lauderdale will make us aware of any private utilities in the area.
- o City shall provide preliminary site plan with approximate soil boring locations.

ADDITIONAL SERVICES

If authorized in writing by the City as an amendment to this Task Order, the Consultant shall furnish, or obtain from others, Additional Services of the types listed in Article 8 of 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 Task 1 through 3 inclusive within ten working days of written Notice to Proceed.

METHOD OF COMPENSATION

The services performed will be accomplished using the Not to Exceed method of compensation. A fee schedule and cost breakdown for reimbursable expenditures is included on Exhibit A.

TERMS OF COMPENSATION

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

Task No	Description	Labor Fees		Total
		Consultant	Sub consultant	
1	Field Services	\$ 9,730.00	\$	\$ 9,730.00
2	Laboratory Services	\$ 1,320.00	\$	\$ 1,320.00
3	Engineering Services	\$ 3,660.00	\$	\$ 3,660.00
All tasks				\$ 14,710.00
Task No	Description	Reimbursables		Total
		Consultant	Sub consultant	
1		\$	\$	\$ 0
2		\$	\$	\$ 0
All reimbursables				\$ 0
Task No	Description	Other Cost		Total
		Consultant	Sub consultant	
1		\$	\$	\$ 0
2		\$	\$	\$ 0
All other costs				\$ 0
TOTAL				\$ 14,710.00

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

CITY

WITNESSES:

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

Donna M. Samuda

 DONNA M. SAMUDA
Witness Print Name

Donna Varisco

 Donna Varisco
Witness Print Name

By *Lee R. Feldman*
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

Jonda K. Joseph
JONDA K. JOSEPH, City Clerk

Approved as to form:

Carrie L. Sarver
CARRIE L. SARVER
Assistant City Attorney

CONSULTANT

WITNESSES:

Julia Brown
Julia Brown
Print Name

Wendy Kamikawa
Wendy Kamikawa
Print Name

(CORPORATE SEAL)

STATE OF FLORIDA:
COUNTY OF Orange :

Leila Jammal Nodarse as Senior Principal,
of Nodarse & Associates, Inc., acknowledged the foregoing instrument before me this
7th day of December, 2012, on behalf of the corporation. They are
personally known to me and did not take an oath.

Nodarse & Associates, Inc.
By: [Signature]
Name: Leila Jammal Nodarse, P.E.
Title: Senior Principal

ATTEST:
By: _____
Name: _____
Title: _____

T. Darlene Bradley
Notary Public, State of Florida
(Signature of Notary taking Acknowledgement)

T. Darlene Bradley
Name of Notary Typed, Printed or Stamped

11-26-15
My Commission Expires

EE 115578
Commission No.

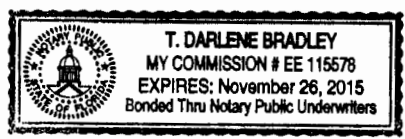



EXHIBIT A

FEE SCHEDULE, REIMBURSABLES AND OTHER COSTS

 ATTACHMENT A: FEE BREAKDOWN Fire Station #54 3200 NE 32nd Street, City of Fort Lauderdale, Florida City Project No. P10914				
DESCRIPTION	UNIT	# OF UNITS	UNIT RATE	TOTAL
I. Field Services				
Staff Engineer (Boring Layout and Utility clearance)	Per Hour	6.0	\$75.00	\$450.00
Truck Rig Mobilization	Each	1.0	\$250.00	\$250.00
Standard Penetration Test Borings (7 SPT@ 60 ft.)	Per l.f	420.0	\$11.00	\$4,620.00
Casing Allowance (3-inch)	Per l.f	420.0	\$6.50	\$2,730.00
Grout to Seal Boreholes (7 borings - total linear footage 420 feet)	Per l.f	420.0	\$4.00	\$1,680.00
TOTAL FIELD SERVICES				\$9,730.00
II. Laboratory Services				
Soil Visual Classification	Per Test	6.0	\$65.00	\$390.00
Moisture Content Determination	Per Test	8.0	\$10.00	\$80.00
Soil Particle Size Distribution	Per Test	8.0	\$50.00	\$400.00
Atterberg Limits	Per Test	3.0	\$70.00	\$210.00
Organic Content Test	Per Test	8.0	\$30.00	\$240.00
TOTAL LABORATORY SERVICES				\$1,320.00
III. Engineering Services				
Principal Engineer	Per Hour	6	\$120.00	\$720.00
Project Engineer	Per Hour	25	\$100.00	\$2,500.00
CADD Technician (Senior Engineering Tech)	Per Hour	8	\$55.00	\$440.00
TOTAL PROFESSIONAL SERVICES				\$3,660.00
TOTAL AMOUNT				\$14,710.00