

Torres Rojas, Genara

From: atramontozzi@tectonicengineering.com
Sent: Tuesday, February 24, 2015 4:55 PM
To: Duffy, Daniel
Cc: Torres Rojas, Genara; Van Duyne, Sheree; Ng, Danny
Subject: Freedom of Information Online Request Form

Information:

First Name: Amy
Last Name: Tramontozzi
Company: Tectonic Engineering & Surveying Consultants P.C.
Mailing Address 1: 70 Pleasant Hill Road
Mailing Address 2:
City: Mountainville
State: NY
Zip Code: 10953
Email Address: atramontozzi@tectonicengineering.com
Phone: 8455345959
Required copies of the records: Yes

List of specific record(s):

I would like to obtain a copy of the awarded proposal for 2014-331 GWB Lower Level Eastbound

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

August 5, 2015

Ms. Amy Tramontozzi
Tectonic Engineering & Surveying Consultants P.C.
70 Pleasant Hill Road
Mountainville, NY 10953

Re: Freedom of Information Reference No. 15822

Dear Ms. Tramontozzi:

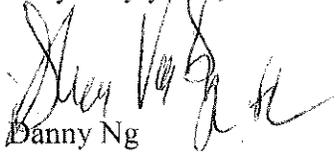
This is in response to your February 24, 2015 request, which has been processed under the Port Authority's Freedom of Information Code (the "Code", copy enclosed) for "a copy of the awarded proposal for 2014-331 GWB Lower Level Eastbound."

Material responsive to your request and available under the Code can be found on the Port Authority's website at <http://www.panynj.gov/corporate-information/foi/15822-C.pdf>. Paper copies of the available records are available upon request.

Pursuant to the Code, certain portions of the material responsive to your request are exempt from disclosure as, among other classifications, personal privacy.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Danny Ng
FOI Administrator

Enclosure

*4 World Trade Center, 18th Floor
150 Greenwich Street
New York, NY 10007
T: 212 435 7348 F: 212 435 7555*

P.A. AGREEMENT #410-14-024
November 1, 2013

THE PORT AUTHORITY OF NY & NJ

Lillian D. Valenti
Director, Procurement

Maser Consulting P.A.
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701

Attention: Richard M. Maser, PE, PP, CME, President

**SUBJECT: PERFORMANCE OF EXPERT PROFESSIONAL TOPOGRAPHIC
/BOUNDARY SURVEYING SERVICES AS REQUESTED ON A
"CALLIN" BASIS DURING 2014**

Reference: P.A. Agreement #410-13-024

Dear Mr. Maser:

The Port Authority of New York and New Jersey is pleased to inform you that you have been approved for performance of the subject services through 2014. All terms and conditions for performance of said services shall be as provided in the above referenced Agreement except as follows the new Agreement shall be numbered as "PA Agreement #410-14-024".

Please indicate your acceptance by signing both original copies of this Agreement (this letter) and returning them to Jessica Smith, Contract Specialist, The Port Authority of New York and New Jersey, 2 Montgomery Street, 3rd Floor, Jersey City, New Jersey, NJ 07302. The return of one copy executed by the Authority will effectuate the Agreement.

If you have any questions relating to this extension, please direct them to Ms. Smith at (201) 395-3427 or by email at: jlsmith@panynj.gov.

By signing this Agreement you hereby affirm your certification under paragraphs 27 and 28 of the subject Agreement.

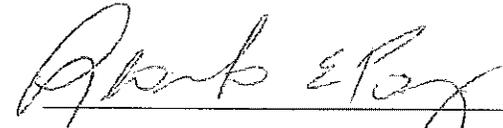
Sincerely yours,

ACCEPTED:

THE PORT AUTHORITY OF
NEW YORK AND NEW JERSEY

MASER CONSULTING P.A.



By: 

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Lillian D. Valenti
Director
Procurement Department

Title: Chief Administrative Officer

Date: November 5, 2013



Engineers
Planners
Surveyors
Landscape Architects
Environmental Scientists

Corporate Headquarters
331 Newman Springs Road, Suite 203
Red Bank, NJ 07701
T: 732.383.1950
F: 732.383.1984
www.maserconsulting.com

November 26, 2014

Mr. Howard Kraus, P.L.S., Project Surveyor
The Port Authority of New York & New Jersey
Engineering Department
Central Survey Group
Port Authority Technical Center
241 Erie Street
Jersey City, NJ 07310

Re: GWB Lower Level Eastbound #2014-331
 Agreement #410-14-024
 MC Proposal No. 10000833P

Dear Mr. Kraus:

Maser Consulting P.A. is pleased to present this Proposal for Professional Surveying Services for the above referenced project. The proposal contains the scope to perform a Topographic Survey of a portion of the GWB Lower Level Eastbound area. The survey limits are as more specifically defined in the request for proposal dated February 20, 2014, and associated attachments.

As part of our original submittal to the Port Authority, Maser Consulting gave a Statement of Qualifications and Resumes. If requested, we can provide you with any additional information that you might require to assess our capabilities.

MOBILE MAPPING TECHNICAL APPROACH (OPTION A)

Maser Consulting P.A. will develop a topographic survey of the subject property based on the survey limits provided by you as part of your Request for Estimate. Based on primary survey control provided by the PANYNJ, or as established by Maser Consulting, the field survey will be performed using a combination of mobile LiDAR, RTK GPS, and conventional survey equipment.

Maser Consulting will utilize the latest in surveying and mapping technology, Mobile LiDAR Data Collection to collect 3D topographic and 2D planimetric data. This technology combines GPS positioning, Inertial Measurement Guidance, LiDAR Sensors (Laser Scanners) and 4 – 5 megapixel Cameras, to collect survey quality data while driving down the roadway. This is a line of sight technology, all efforts will be made to collect the Mobile LiDAR data at the most optimum time to avoid as much traffic and parked cars as possible. This will help to avoid obscured areas.

Customer Loyalty Through Client Satisfaction



Once the Mobile LiDAR data is collected, the vehicle trajectory position will be post processed, utilizing an onsite GPS base station. The trajectory positions will then be merged with raw LiDAR data to create a geo-referenced point cloud. Once the data has been checked for continuity, the LiDAR point cloud will then be adjusted to onsite LiDAR control targets previously set and surveyed by our firm using a combination of RTK GPS, robotic total station, and differential leveling. The final adjusted point cloud will be tied to the horizontal datum of New Jersey State Plane Coordinate System NAD83 and the North American Vertical Datum NAVD88.

The mobile mapping point cloud data accuracies will be approximately $\pm 0.06'$.

Topographic features will be extracted from the point cloud at 25' cross section intervals in the area shaded in red only. Supplemental field survey will be performed using robotic total station in order to accurately survey existing visible surface utilities located beyond the limits of data acquired by the Mobile LiDAR.

STATIC SCANNING TECHNICAL APPROACH (OPTION B)

Maser Consulting P.A. will develop a topographic survey of the subject property based on the survey limits provided by you as part of your Request for Estimate. Based on primary survey control provided by the PANYNJ, or as established by Maser Consulting, the field survey will be performed using a combination of static scanning, RTK GPS, and conventional survey equipment.

Maser Consulting will utilize the latest in surveying and mapping technology, static scanning Data Collection to collect 3D topographic and 2D planimetric data. This technology combines GPS positioning, conventional surveying, and static scanning (Leica C10 Scanner), to collect survey quality data of the roadway. This is a line of sight technology and all efforts will be made to collect the static scanning data at the most optimum time to avoid as much traffic as possible. This will help to avoid obscured areas.

Once the data has been checked for continuity, the point cloud will then be adjusted to onsite scanning control targets previously set and surveyed by our firm using a combination of RTK GPS, robotic total station, and differential leveling. The final adjusted point cloud will be tied to the horizontal datum of New Jersey State Plane Coordinate System NAD83 and the North American Vertical Datum NAVD88.

The static scanning point cloud data accuracies will be approximately $\pm 0.02'$.

Topographic features will be extracted from the point cloud at 25' cross section intervals in the area shaded in red only. Supplemental field survey will be performed using robotic total station in order to accurately survey existing visible surface utilities located beyond the limits of data acquired by the Mobile LiDAR.

Per your request, our field work will include the following:



1. Update/verify the base mapping within the highlighted areas.
2. Measure and map the limits of the types of curbing, steel face, concrete or retaining wall.
3. Locate and identify rumble strips.
4. Identify limits of concrete and asphalt pavement.
5. Located any guide rails and sidewalks within 10' of the curb line. Identify type and material. (concrete, asphalt or unpaved) Grading is not necessary.
6. Identify traffic loops within the pavement.
7. Locate visible finger joints and expansion joints.
8. Locate visible columns in the area shaded in blue on the attached sketch. Record and label identifying numbers found in the field.
9. Measure cross sections along pavement and roadways at a 25' interval in the area shaded in red only on the attached sketches. Spot elevations are to be measured at the lane markings, bottom of curb, top of curb, high and low points along the section and visible utility castings in the roadway. Create contours on paved surfaces with a 0.2' contour interval.
10. Visible surface hardware within the paved areas will be located and shown on the topographic map to be created. Location of toned markout or invert data is not required.

DISCIPLINE SPECIFIC CRITERIA AND ASSUMPTIONS

1. Project will be delivered in NJSPCS NAD83 US foot horizontal and NAVD88 Vertical datums.
2. Existing PANYNJ survey control will be provided to Maser Consulting for use on this project if available.
3. No access problems or delays included within the fee estimate.
4. Nighttime work hours Anticipated
5. Structure Data sheets for Storm and/or Sanitary Manholes (invert information) are not required.
6. Survey control report specific to this project.
7. Budget Estimate does not include additional drafting services beyond the locations shown on RFP attachment.
8. Budget estimate does not include 3 dimensional modeling.

DELIVERABLES

- Survey Control Report specific to this project.
- CAD drawing of final survey documents in AutoCAD 2012 C3D and any supporting document in this format.
- Signed and sealed drawings, number of copies to be determined.
- PDF of final signed and sealed drawing.
- Digital copies of raw data and field work, including but not limited to: Data collector raw files, coordinate files, scan copies of field notes and sketches, adjustment data, digital photographs, etc.



Mr. Howard Kraus, P.L.S.
MC Proposal No. 10000833P
November 26, 2014
Page 4 of 4

We very much appreciate the opportunity of submitting this proposal and look forward to assisting the Port Authority in the successful completion of this project.

Very truly yours,

MASER CONSULTING P.A.

A handwritten signature in black ink, appearing to read "Glen J. Lloyd", written over a horizontal line.

Glen J. Lloyd, P.L.S.
Principal Associate / Department Manager

GJL/mo

Enclosures

Cc. Leonardo E. Ponzio, P.L.S., Maser Consulting P.A. (via e-mail)

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