

RESOLUTION 15-27

BE IT RESOLVED that the appropriate officers of the City are authorized but not required to execute and deliver on behalf of the City that certain Task Order No. 1 to the City's Master Services Agreement with Baskerville-Donovan, Inc., relating to general water and sewer and reclaimed utility engineering services, in a total amount not to exceed Two Hundred One Thousand Three Hundred Dollars (\$201,300), for professional surveying, engineering permitted and inspection services related to construction of a lift station and force main to serve West Bay, in substantially the form attached and presented to the Council today, draft dated November 6, 2014, with such changes, insertions or omissions as may be approved by the City Manager, whose execution of such agreement shall be conclusive evidence of such approval.

THIS RESOLUTION shall be effective immediately upon passage.

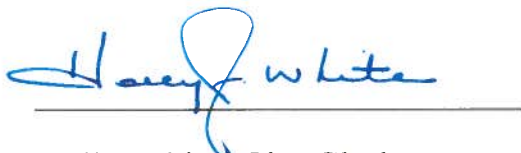
PASSED in regular session this 13 day of November, 2014.

CITY OF PANAMA CITY BEACH

By: 

Gayle F. Oberst, Mayor

ATTEST:




Holly White, City Clerk

Memorandum

To: Mario Gisbert

CC: Paul Casto, Holly White

From: Al Shortt 

Date: November 6, 2014

Subject: Engineering Services – West Bay Lift Station and Force Main Project

The West Bay community, located 4 miles north of the City, is within the City's water/sewer franchise area and staff has been working towards providing potable water service to the community for several years. That effort is largely complete and staff has now budgeted funds in the current fiscal year budget to begin providing the basic infrastructure needed for residents and businesses to obtain municipal sewer service. That will require a sewer lift station to be constructed, with an approximately 4 mile long force main installed down SR 79 to connect to an existing City main near Panama City Beach Pkwy. The primary project expense will be due to be the extremely long distance to make the sewer connection and the total project cost is estimated at approximately \$1,450,000.

Staff has negotiated a task order to the existing General Water, Wastewater and Reclaimed Utility Master Services Agreement with Baskerville-Donovan, Inc. for the surveying, engineering design, permitting and inspection services for this project. A copy is attached for your reference. The total estimated fee for services including surveys and construction administration is \$201,300. The design portion of this fee amount is based on standard engineering fee curves for the current estimated scope of work and associated cost. Staff has reviewed the proposal, finds the fee is in line with the scope of work, and recommends that the Council approve the engineering task and accompanying notice to proceed form. If approved, the project should be substantially complete and operational in approximately one year.

EXHIBIT B
COMBINED TASK ORDER AND
NOTICE TO PROCEED

TASK ORDER NO. 1

DATE : November 6, 2014

Reference is made to that certain MASTER SERVICES AGREEMENT BETWEEN CITY OF PANAMA CITY BEACH AND BASKERVILLE-DONOVAN, INC. RELATING TO GENERAL WATER & WASTEWATER & RECLAIMED UTILITY ENGINEERING SERVICES dated April 8, 2014, (the Agreement), the terms, conditions and definitions of which are incorporated herein as if set forth in full. Neither party is in breach of the Agreement.

Pursuant to the Agreement, Engineer agrees to perform the specific tasks set forth upon incorporated Attachment A, Scope of Services, relating to **West Bay Lift Station & Force Main Project**.

Engineer's total compensation shall be (check one):

- a stipulated sum of \$_____; or
 a stipulated sum of **\$137,300** plus one or more specified allowances listed below which may be authorized in writing by the City Manager or his designee,
 Allowance of **\$8,000** for **Geotechnical Engineering Services**, and
 Allowance of **\$45,000** for **Surveying Services**, and
 Allowance of **\$4,000** for **FDEP Permitting Services**, and
 Allowance of **\$4,000** for **FDOT Permitting Services**, and
 Allowance of **\$3,000** for **Bay County R.O.W. Permitting Services**, and
 Allowance of \$_____ for _____; or
 a fee determined on a time-involved basis with a maximum cost of \$_____;

Work shall begin on _____, 2014, and shall be completed within 360 days. The date of completion of all work is therefore _____, 201___. Liquidated delay damages, if any, are set at the rate of \$0 per day. There are no additional rights and obligations related to this Task Order other than as specified in the Agreement.

Upon execution of this task order by both Engineer and City, Engineer is directed to proceed.

IN WITNESS WHEREOF the parties have caused these presents to be executed in their names on the date shown.

Witness:

BASKERVILLE-DONOVAN, INC.

By: _____ Date: _____
Its:

CITY OF PANAMA CITY BEACH, FLA.

ATTEST:

By: _____ Date: _____
City Manager

City Clerk

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BACKGROUND

The City desires to extend its sanitary sewer service northward to the West Bay area to serve existing businesses and residents in the area. In addition, it is desired to make provisions to serve anticipated development along the State Road 79 corridor between West Bay and Panama City Beach (Figure 1).

Conceptually, the lift station to serve West Bay is to be located near the existing Bay County water system ground storage tanks. The City-standard duplex lift station fitted with submersible pumps is planned which will discharge into a forcemain running along SR 79 southward towards Panama City Beach to the point that the existing Gulf Power easement intersects SR 79. It is projected that this will be the approximate point of connection of a planned connector roadway parallel to Panama City Beach Parkway. It is expected that the proposed forcemain will turn eastward and connect to the City's wastewater system in the future along this new roadway.

In the interim, a smaller diameter temporary connection to an existing forcemain along Panama City Beach Parkway will be provided. Due to the limited service timeframe and length of this temporary connection. A conceptual opinion of cost of this configuration is \$1.25M based upon assumed pipe sizes and pumping capacities.

I. **SCOPE OF SERVICES**

The scope of services for this project includes final design, preparation of construction contract documents, assistance in obtaining regulatory agency approvals, bidding, construction and start-up services anticipated for this project.

TASK SERIES 100 – PRELIMINARY DATA COLLECTION AND REVIEW

Task 110 – PRELIMINARY DATA COLLECTION, REVIEW AND CONCEPTUAL DESIGN

Task includes initial contact with FDOT, Bay County and City staff in efforts to finalize forcemain alignment. Prepare Scope of Work for City use in soliciting and securing topographic surveys of the alignment and selected lift station sites. Development of proposed flow projections, needed pumping capacities, conceptual motor size and

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electrical service needs. Preparation of a preliminary engineering report indicating the project specific information and conceptual site plans for the lift station site. Forcemain alignment, sizes and materials as well as conceptual installation techniques proposed (i.e. open cut and directional drill) shall also be indicated as well as opinions of probable cost.

Deliverables : Three (3) copies each of the preliminary engineering report indicating forcemain configuration/alignment, site plans and opinions of probable cost. One copy of design calculations and supporting documentation shall be provided in both digital and printed forms.

TASK SERIES 200 - FINAL DESIGN AND BIDDING SERVICES

Following City concurrence on the proposed lift station site and forcemain alignment, this Task includes final design and bidding services for the following:

1. West Bay Lift Station and terminal manhole.
2. Interconnecting forcemain from West Bay Lift Station to point of connection into existing City forcemain along Panama City Beach Parkway.

Task 210 - Preparation of Plans and Specifications

This Scope of Services also includes preparation of project documents at 30, 60, and 90% and ready-to-advertise plans and specifications for the proposed lift stations and forcemain. Submittal for 30% completion level shall include propose forcemain alignment (plan only), forcemain details, lift station siteplans, mechanical and structural drawings advanced to 30% completion level and updated opinion of cost. Submittal materials for the 60% completion level shall include all mechanical, civil and structural discipline drawings and specifications advanced to the 60% completion level, electrical drawings and specifications shall be advanced to 30% minimum completion level. Submittal for 90% completion level shall include all drawings and specifications advanced to this completion level and updated opinion of cost.

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Deliverables: 30% level – One full-size printed set of drawings and one digital version on CD, 60% level – One full-size printed set of drawings, one printed set of specifications and one digital version of the drawing and specifications in pdf format on CD, 90% level - One full-size printed set of drawings, one printed set of specifications and one digital version of the drawing and specifications in pdf format on CD. All deliverables shall reflect the progress of all disciplines.

Task 211 - Preparation of Final Opinion of Probable Cost and Construction Schedule

- 1) Project the construction cost for the improvements using the contract documents of Task 210. Opinions of cost will be prepared from equipment manufacturer's quotations, detailed material take-offs and past projects similar to the proposed project described herein. Opinions of probable construction cost will be provided with 30, 90 and final completion submittals.
- 2) Develop an updated estimated construction time schedule.

Deliverables: Three (3) copies each of the final opinion of probable construction cost and estimated construction time schedule.

Task 212 - Design Review

- 1) Schedule and meet with Panama City Beach representatives to review comments on deliverables from 30, 60 and 90 percent completion level submittals.

Deliverables: Three (3) meetings with staff and follow-up correspondence documenting input received.

Task 213 - Final Contract Documents

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- 1) Incorporate Panama City Beach comments into final plans and specifications for this project.
- 2) Submit one set of final contract documents (full-size drawings and bound specifications with pdf versions on CD) for the project to The City, and make copies available to all interested parties at incurred cost plus ten percent.

Deliverables: Two full-size printed set of drawings, two printed set of specifications and one digital version of the drawing and specifications in pdf format on a single CD. One copy of the calculations used to determine lift station design parameters in printed and digital formats.

Task 220 - Bidding Services

- 1) BDI will prepare and issue an Invitation to Bid to the City for public advertisement and provide a copies to selected bidders in the area known to specialize in the type of construction involved as well as local plan rooms (i.e. McGraw Hill Dodge; Construction Datafax, etc.).
- 2) Complete and compile for distribution plans and specifications from final design efforts in Task Series 210.
- 3) Conduct and attend one (1) pre-bid conference for this project.
- 4) Review questions and comments posed by contractors and develop appropriate responses in Addendum format if needed.
- 5) Attend and conduct (if desired) the bid opening meeting for this project.
- 6) Tabulate and provide a certified copy of the bid results.
- 7) Check bidder compliance with the intent of the bid documents.

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- 8) Access the State Bureau of Professional Regulation database to verify contractor's licensure status and whether any disciplinary actions were pending from the department against the bidders.
- 9) Assist City Staff in the selection of the most appropriate bid for the City's interests and provide a recommendation of award.
- 10) Prepare Notice of Award for the City based on final council action.

Deliverables: Two (2) copies of the bid tabulation and two (2) copies of the certified bid tabulation.

TASK SERIES 300 – ENGINEERING SERVICES DURING CONSTRUCTION

One construction contract shall be administered for the delivery of this project. Construction phase services shall be provided in accordance with Paragraph A.1.05 – Construction Phase of the EJCDC E-500 Standard Form of Agreement Between Owner and Engineer for Professional Services with the following modifications:

Paragraph A.1.05.A.2: - Resident Project Representative (RPR): These services shall be provided under Task 400 – Construction Observation.

Paragraph A.1.05.A.18 – Additional Tasks: The following tasks or deliverables shall be provided:

- 1) BDI will conform the contract documents relative to the awarded bid amounts and any addenda issued prior to receipt of bids. Three (3) copies of the complete contract documents (specifications and full-size drawings) shall be prepared and provided to the selected contractor for signature. After execution, these contract documents will be distributed by providing two copies each to the City and one to the contractor.

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- 2) BDI will schedule and conduct a preconstruction conference to review contract specifics and general procedures.
- 3) BDI will notify the affected utilities in advance of the preconstruction conference to allow them the opportunity to have representation present.
- 4) BDI will review the contractor prepared schedule of values.
- 5) BDI will review and process monthly periodic pay requests including review and recommendations regarding progress payments by the City.
- 6) BDI will track, review and process drawing submittals for the components of the work. Reviews for multiple substitutions beyond one for equipment specified shall be the basis for additional compensation by the City.
- 7) Review and respond to requests for information (RFI), conflicts, clarifications, and claims that are submitted by the contractor, and prepare change orders. Review requests for substitutions that are submitted by the contractor and provide redesign and revisions of the Contract Documents as necessary. Revisions or redesign attributable to the work products of BDI shall be addressed at the expense of BDI. All services required for redesigns initiated at the request of the City will be invoiced based on hourly rates for labor and expense.
- 8) BDI will perform one substantial completion site visit to review completed work and develop a "punch list" for completion items.
- 9) BDI will perform up to two final completion site visits to confirm "punch list" item completion.

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- 10) BDI will request and compile release of liens from subcontractors and suppliers and provide copies to the owner along with final release of liens by the project contractor.
- 11) BDI shall recommend final payment for contractor upon verification of satisfaction of outstanding liens and publication of project completion if required.
- 12) Deliverables: Electronic submittals will be required in the contract and the contractor shall prepare a compendium of all submittals in pdf format as a required submittal.

Monthly Project Meetings

- 1) A BDI engineer directly involved with the management of BDI's work will attend up to eight (8) monthly progress meetings.

Periodic Site Visits

- 1) A technically-qualified BDI representative associated with the process mechanical work will provide up to two (2) mid-month site visits.

Substantial and Final Completion Observation

- 1) A technically-qualified BDI representative associated with the site civil work will provide up to one (1) each substantial and final completion observation site visits.
- 2) A technically-qualified BDI representative associated with the process mechanical work will provide up to one (1) each substantial and final completion observation site visits.
- 3) A technically-qualified BDI representative associated with the electrical

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and I&C work will provide up to one (1) each substantial and final completion observation site visits

Start-Up Services

- 1) A technically-qualified BDI representative associated with the process mechanical work will provide up to one (1) day for start-up and testing of equipment.
- 2) Deliverables include copies of testing reports as produced through this effort.

Record Drawings

BDI shall prepare and provide digital and two, half-size prints of record drawings of the construction. Record drawings shall be based upon field survey information prepared by a licensed land surveyor and required of the contractor in the contract documents. Digital file shall be provided in Autocadd and pdf formats.

TASK SERIES 400 – RESIDENT PROJECT REPRESENTATIVE (RPR);

BDI shall provide the services of a resident project representative (RPR) in accordance with EJCDC E-500 Standard Form of Agreement Between Owner and Engineer for Professional Services, Exhibit "A" Part 1- Basic Services, Paragraph A.1.05 – Construction Phase, Section A.2.

- 1) A senior technician experienced in construction observation shall visit the site each week after the contractor has mobilized and started construction. The level of effort is anticipated to generally consist of an average of 24 hours per week for 24 weeks (6 months) of active construction but may vary over the contract duration. Construction observation, performed at the direction of the Owner, beyond 24 weeks shall be additionally compensated on an hourly basis. Engineer shall

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provide the Owner with written weekly updates of the hours charged. Engineer acknowledges Owner will not be responsible for payment of hours beyond that reasonably and customarily needed to document the work progress and general compliance with the contract documents as the work progresses. Proposed schedule assumes that active construction will not begin until four weeks after contractor is provided notice to proceed and active RPR hours weekly will vary with construction intensity. Active construction start date shall be defined as the date that proposed wetwell excavation begins.

- 2) Deliverables shall include copies of the daily observation logs, photographs and other documentation regarding construction progress.

TASK SERIES 500 – ADDITIONAL SERVICES

BDI shall provide additional services in accordance with EJCDC E-500 Standard Form of Agreement Between Owner and Engineer for Professional Services, Exhibit "A" Part 2 - Additional Services, Paragraph A2.01. With the following additions:

- 1) Subsurface exploration and geotechnical engineering.
- 2) Topographic surveying of the proposed lift station site and forcemain alignment.
- 3) Assistance in applying for and securing necessary regulatory agency approvals for the proposed construction. BDI shall assist the City in acquiring permits from the Florida Department of Environmental Protection, Florida Department of Transportation and Bay County for the construction of this project. BDI will assist the City in securing the following anticipated permits:

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*FDEP Form 62-604.300(8)(a) – Notification/Application for
Constructing a Domestic Wastewater Collection/Transmission
System*

*FDEP Form 62-62-604.300(8)(b) – Request for Approval to Place a
Domestic Wastewater Collection/Transmission System into
Operation*

FDOT Utility Permit

FDOT Driveway Permit

Bay County Right of Way Use Permit

Bay County Driveway Permit

Assistance in securing approvals for use of jurisdictional lands (wetlands) or stormwater management for siting needs in this project is specifically not included in this Scope of Work. Should it be determined that impacts are unavoidable, this agreement shall be revised accordingly. Assistance in securing site plan approval or other local government land development orders are not included in this Scope of Work. The contractor will be responsible for securing dewatering and stormwater management permits for construction activities.

BDI shall prepare the necessary permit application forms, appropriately certified, and supporting documents for approval of the project and submit application to local, state, and federal regulators for the permits noted. Permit fees associated with permit applications and approvals shall be paid by the City of Panama City Beach. Additional permitting assistance beyond that specifically highlighted within this document may be provided by supplemental authorization by the City.

If desired by the City, BDI shall conduct one pre-application meeting with the Florida Department of Environmental Protection Northwest District

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office for the purposes of familiarizing reviewers with the overall project and address initial questions regarding the proposed program.

BDI shall prepare a response to one request for additional information from the regulatory agency for the permits noted. Any comments due to a lack of a complete submittal shall be prepared and submitted at the expense of BDI. Additional assistance including meetings and preparation of responses to subsequent requests for additional information beyond completeness items may be provided by supplemental authorization from the City of Panama City Beach.

BDI shall prepare the final certifications required to substantiate construction completion and any deviations from the permitted activities as required by the permits indicated.

Deliverables: Three (3) copies each of the necessary permit application forms and supporting documentation for the permits noted. It is anticipated that two (2) sets of these documents will be forwarded to the applicable jurisdictional agency for review. One copy of each response for additional information shall be provided to the City.

- 3) Reviews of O&M submittals from the contractor. The contractor will be required to provide a digital compendium of the manufacturer's standard manuals for equipment furnished with facility-specific information noted.

Deliverables: One searchable pdf copy of the manual on CD.

II. SUBCONSULTANTS

- 1) Subconsultants for surveying and geotechnical engineering are anticipated to be required for delivery of this Scope of Work. The proposed scope of surveying services are indicated in Attachment 1. The City agrees to provide additional compensation for work that may be

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discovered to be required outside of this Scope of Work. Understand that there is a likelihood that some wetland areas may be present along the alignment and the surveyor indicates that there will be additional charges for surveying within wetland areas.

III. OWNER'S RESPONSIBILITIES

- 1) Review and comment on the 30, 60 and 90 percent design submittals for the replacement of the pumping station.
- 2) Allow the engineer access to the site and provide record information as needed to assist in the design and evaluation process.
- 3) Meet with regulatory authorities to discuss permitting issues, as required.
- 4) Provide timely input to BDI, as necessary, for shop drawing submittals, substitution requests, claims, conflicts, requests for information, change orders, and other issues that may arise during construction.
- 5) Provide all copies of records of original construction (i.e. shop drawings, O&M submittals, record drawings, substitution requests, etc.) to BDI for review and incorporation into the construction documents.

IV. COMPENSATION

The City shall pay BDI for the Scope of Services in lump sum amounts as follows:

BDI proposes to provide the Final Design, Bidding and Negotiation and Construction Phase Engineering Services detailed in the Scope of Services indicated with compensation in accordance with USDA Florida RUS Bulletin 1780-9 (revised 10/2009) – Final design, bidding, negotiation and construction phase engineering services. Resident Project Representative Services detailed in the Scope of Services indicated with compensation on a lump sum basis. Application of this basis of compensation shall be as follows:

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Standard Engineering Services Fee Percentage shall be based upon the actual net construction contract amount using Table II. Fee amount shall be calculated by the net construction contract amount multiplied by the fee percentage as follows:

Projected Net Construction Contract Amount: \$1.25M
Fee percentage from RUS Bulletin Table II: 7.10%
Standard Engineering Svcs. Fee: $\$1.25M \times 7.10\% = \$88,750$

Standard Project Representative Services shall be lump sum based upon the \$1.25M opinion of probable cost and will float with the net construction contract amount. Lump sum amount shall be based upon the percentages allowed under RUS Bulletin 1780-0 (Revised 06/2007) Table II which is the last version that we know of that indicated percentage based construction observation fees. In this case, fee percentage would be 3.58% based upon the \$1.25M opinion of cost ($\$1.25M \times 3.58\%$) or \$44,750.

Additional services indicated in Task Series 500 shall be compensated on a cost-plus basis with the following allowances:

Topographic survey and legal description services:	\$ 45,000
Subsurface exploration and geotechnical engineering:	\$ 8,000
FDEP construction/operation permit acquisition assistance:	\$ 4,000
FDOT Utility permit acquisition assistance:	\$ 4,000
Bay County Right of Way use and driveway permits:	\$ 3,000

These are budgetary amounts and may be increased with prior approval by the Owner or decreased based upon the actual cost incurred.

Recapitulation: (Standard Engineering Services fees to be modified based upon the actual construction contract amount. For the purposes of this proposal a construction contract value of \$1.25M is assumed).

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Task	Fee
Preliminary Design	\$3,800 (fixed lump sum)
Standard Engineering Services	\$88,750 (% based lump sum)
Resident Project Representative	\$44,750 (% based lump sum)
Additional Services	
Geotechnical Engineering	\$8,000 (allowance)
Topographic Surveying Services	
Lift Station Boundary & Topography	\$3,000
Forcemain Alignment	\$42,000
FDEP Const./Op. Permitting	\$4,000 (allowance)
FDOT Utility Permitting	\$4,000 (allowance)
Bay Co. R/W Use & Driveway Permitting	\$3,000 (allowance)
Total	\$201,300

V. CONTRACTUAL BASIS

This proposal is provided under the terms of our Master Services Agreement Relating to General Water and Sewer and Reclaimed Utility Engineering Services, dated April 8, 2014.

VI. SCHEDULE

The anticipated schedule of deliverables for this program is as follows. This schedule is based on a normal three business day City review duration and excludes any unanticipated impacts derived from the permitting agencies.

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Milestone	Days Following Receipt of City Review Comments	Anticipated Completion Date
Notice to Proceed		11/15/2014
Perform Field Survey	14	11/29/2014
30% Completion Level Design Documents	30	12/29/2014
60% Completion Level Design Documents	30	1/28/2015
90% Completion Level Design Documents	30	2/27/2015
Submit for FDEP Construction Permit	14	3/13/2015
Final Construction Documents	5	3/18/2015
Contract Advertisement	7	3/25/2015
Award	30	4/24/2015
Notice to Proceed	7	5/1/2015
Mobilize to Jobsite and Commence Excavation	30	5/24/2015
Substantial Completion	180	10/28/2015
Final Completion	30	11/27/2015

**ATTACHMENT A - SCOPE OF WORK UNDER
MASTER SERVICES AGREEMENT BETWEEN CITY OF PANAMA CITY BEACH AND
BASKERVILLE DONOVAN, INC. RELATING TO GENERAL WATER AND SEWER AND
RECLAIMED UTILITY ENGINEERING SERVICES DATED APRIL 8, 2014
WEST BAY LIFT STATION AND FORCEMAIN
TASK SERIES 100 THROUGH 500 – PRELIMINARY, FINAL DESIGN AND BIDDING,
CONSTRUCTION AND START-UP SERVICES**

November 5, 2014

Page 16 of 18

VI. METHOD OF COMPENSATION

Compensation shall be in accordance with the existing Engineering Services Agreement consistent with that provided in this amendment. If the City of Panama City Beach requests the design of any additional components or buildings, then the City agrees to negotiate additional scope or level of services with corresponding modification of compensation with BDI where necessary.

BASKERVILLE-DONOVAN, INC.

CITY OF PANAMA CITY BEACH



Mark E. Shaeffer, P.E.
VP Regional Manager

Mario Gisbert
City Manager

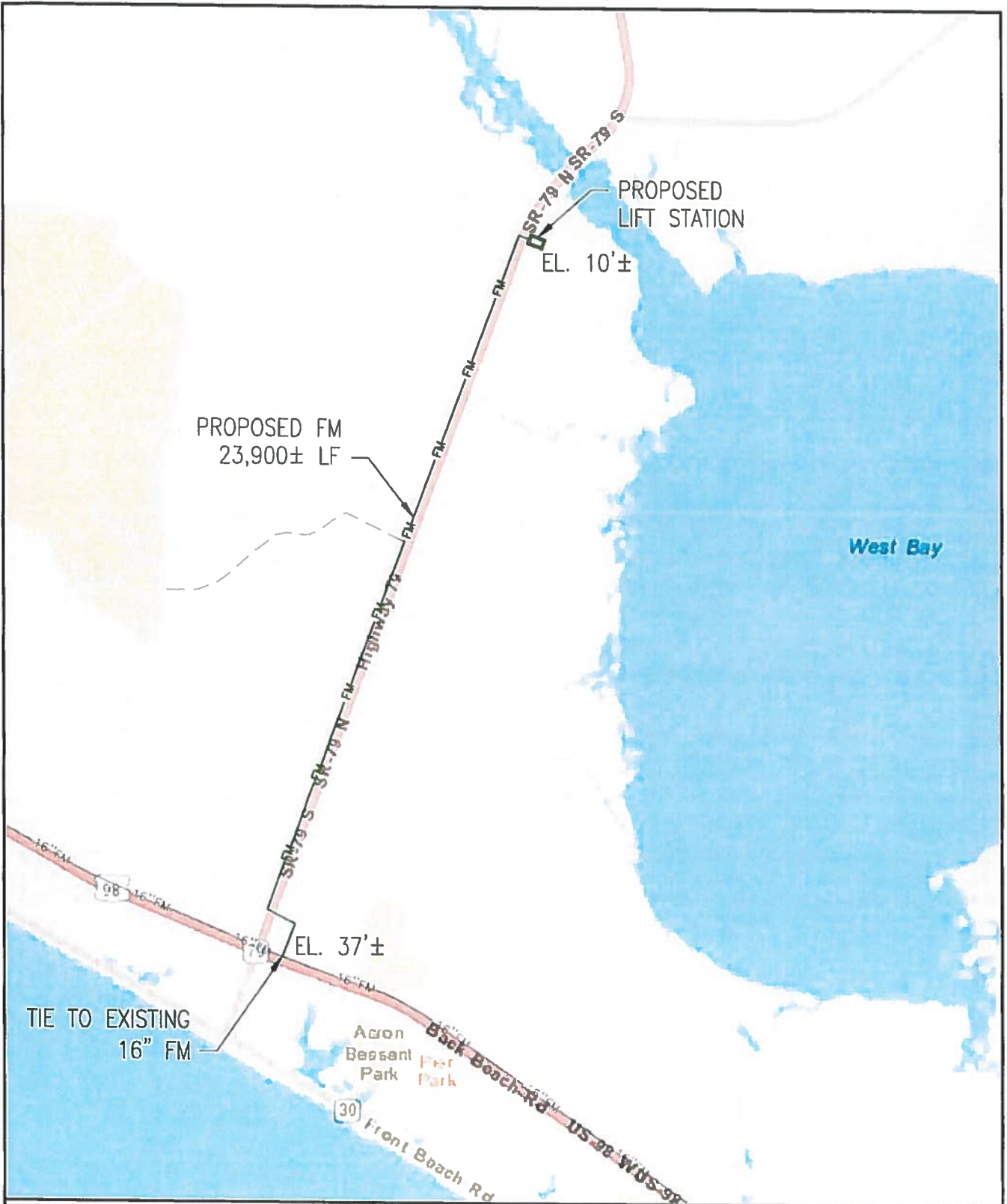
11/5/2014
Date

Date

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November 5, 2014
*Page 17 of 18***

FIGURE 1 – WEST BAY LIFT STATION AND FORCEMAIN ALIGNMENT

L:\2325\23255 01 - West Bay L5\DWG\FIGURE 1.dwg, Nov 05, 2014 - 10:33:44AM, mweilson



BASKERVILLE-DONOVAN, INC.
 Innovative Infrastructure Solutions

14101 PANAMA CITY BEACH PARKWAY, SUITE 110, PANAMA CITY BEACH, FL 32413 (850) 230-0150
 ENGINEERING BUSINESS: EB-000040

Pensacola - Panama City Beach - Tallahassee - Mobile - Brevard County - Tampa

This drawing is the property of BASKERVILLE-DONOVAN, INC and is not to be reproduced in whole or in part. It is not to be used on any other project and is to be returned upon request.

Project: WEST BAY L.S. AND FORCEMAIN

Project No.: 23255.01

Scale: 1" = 4000'

Sheet

Date: 11/03/14

By: MLW

FIG-1

**ATTACHMENT A - SCOPE OF WORK UNDER
MASTER SERVICES AGREEMENT BETWEEN CITY OF PANAMA CITY BEACH AND
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November 5, 2014
*Page 18 of 18***

ATTACHMENT 1 – SCOPE OF WORK FOR TOPOGRAPHIC SURVEY SERVICES



PREBLE-RISH INC
CONSULTING ENGINEERS & SURVEYORS

November 4, 2014

VIA E-MAIL (mshaaffer@baskervilledonovan.com)

Mr. Mark Shaeffer, P.E.
Regional Manager
Baskerville-Donovan, Inc.
14101 Panama City Beach Parkway, Suite 110
Panama City Beach, FL 32413

RE: **West Bay Lift Station
Boundary Survey, Topographic Survey, and Utilities
Professional Surveying Services Fee Proposal
PRI Project No. 209.012**

Dear Mr. Shaeffer:

Preble-Rish Inc. (PRI) is pleased to provide this proposal to Baskerville-Donovan, Inc. for professional surveying services for the *West Bay Lift Station* project, along frontage road, SR 79, Escanaba Avenue and Pearl Avenue to Back Beach Road.

Based on our discussions and the project's needs, PRI proposes to provide the following scope of services and associated lump sum fees as requested:

PHASE 1

TASK 1 - BOUNDARY SURVEY – RIGHT OF WAY

1. Boundary Survey, topographic survey and legal description of the proposed lift station parcel. The parcel is estimated to be 50' x 50', located in the vicinity of Latiolais Drive.
 2. Survey shall be referenced to the Florida State Plane Coordinate System, North Zone, North American Datum (NAD) 1983/90, U.S. Survey Feet.
 3. Deliverables include:
 - a. Signed/Sealed Survey Map and Report by a Florida-Licensed Surveyor & Mapper.
 - b. Digital copies of the survey (Adobe® PDF and AutoCAD® files).
- = \$3,000.00**

TASK 2 - TOPOGRAPHIC SURVEY

1. Topographic Survey of the right-of-way lines of Latiolais Drive and School Drive to SR 79, including 50 feet-wide swath across the SR 79 right-of-way to right-of-way to the west side of the right-of-way, survey shall also include the west edge of pavement (EOP) to the west right-of-way, all the way to the proposed crossing, back eastward across SR 79, then the entire right-of-way of Escanaba Avenue and Pearl Avenue to the north portion of the Front Beach Road right-of-way.
2. Location and elevation of visible/aboveground improvements and/or structures, including fences, pavement, curb, guard rails, headwalls, ditches, pipes, concrete flumes, stormwater structures, etc., within the survey limits.
3. Survey shall be referenced to the Florida State Plane Coordinate System, North Zone, North American Datum (NAD) 1983/90, U.S. Survey Feet.
4. Survey shall be referenced to North American Vertical Datum of 1988 (NAVD 88).
5. Site control and benchmarks.

203 ABERDEEN PARKWAY, PANAMA CITY, FL32405P (850) 522-0644 F (850) 522-1011

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6. Contours at 1-foot intervals, together with spot elevations.
 7. Cross sections at 100-foot intervals and extending to right-of-way lines.
 8. Deliverables include:
 - a. Signed & Sealed Survey Map and Report by a Florida-Licensed Surveyor & Mapper.
 - b. Digital copies of the survey (Adobe® PDF and AutoCAD® files).
 9. Location of all aboveground/visible utilities along the proposed route, being approximately 24,000 linear feet, to include pipe sizes, types, and invert elevations.
 10. Location of all buried utilities along proposed route (as marked in the field by others).
 11. Survey shall be referenced to North American Vertical Datum of 1988 (NAVD 88).
- = \$42,000.00

TASK 3 - WETLANDS

- I. Wetland flags will be located as marked in the field within the project limits described above.

= \$0.30/LF of wetlands

Total = \$45,000.00 plus \$0.30/LF of wetlands

If you need additional items surveyed that are not listed above, please contact our office. Any resurveying or additional services that may be requested and/or needed other than those listed above, will be billed as additional services based on the amount of man-hours required to perform the task times our standard hourly billing rates.

Position	Billing Rate
PLS	\$ 125.00
Survey Crew	\$ 110.00
Survey Field Crew Manager	\$ 70.00
Senior Survey CAD Tech	\$ 65.00
Clerical	\$ 45.00

If you have any questions, please give me a call at (850) 522-0644 or you may e-mail me at moore@preble-rish.com. As always, we look forward to working with you on this project.

Sincerely,
PREBLE-RISH, INC.



Elizabeth Moore, PE
Senior Project Manager/Firm Partner

EM/ws

cc: Mr. Ralph Rish, President, PRI (via e-mail at rishr@preble-rish.com)
Mr. Philip Jones, P.E., Sr. VP, PRI (via email at jonesp@preble-rish.com)
Mr. David Bartlett, P.L.S., Survey Manager, PRI (via e-mail at bartlett@preble-rish.com)
Mr. Ray Marsh, Surveyor, PRI (via e-mail at marshr@preble-rish.com)
Mrs. Missy Ramsey, Controller, PRI (via e-mail at ramseym@preble-rish.com)

K:\209 012 West Bay Lift Station\Correspondence\209.012_Shaeffer Boundary Topo Wetlands Utility.docx

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