

PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT is made and entered into this **1st day of November, 2006**, by and between the City of Naples, Florida, a municipal corporation, (hereinafter referred to as the "OWNER") and **Post, Buckley, Schuh and Jernigan, Inc. (PBS and J)**, an engineering firm, authorized to do business in the State of Florida, whose business address is **2001 Northwest 107th Avenue, Miami, Florida 33172** (hereinafter referred to as the "CONSULTANT").

WITNESSETH:

WHEREAS, the OWNER desires to obtain the professional consulting designing, **engineering and permitting services** of the CONSULTANT concerning certain design services for **the dredging of the canals within the East Naples Bay Special Taxing District** (hereinafter referred to as the "Project"), said services being more fully described in Exhibit A, "Scope of Services", which is attached hereto and incorporated herein; and

WHEREAS, the CONSULTANT has submitted a proposal for provision of those services; and

WHEREAS, the CONSULTANT represents that it has expertise in the type of professional services that will be required for the Project.

NOW, THEREFORE, in consideration of the mutual covenants and provisions contained herein, the parties hereto agree as follows:

ARTICLE ONE CONSULTANT'S RESPONSIBILITY

1.1. CONSULTANT shall provide to OWNER professional consultant **engineering and permitting services** in all phases of the Project to which this Agreement applies.

1.2. The Basic Services to be performed by CONSULTANT hereunder are set forth in the Scope of Services described in detail in Exhibit A. The total compensation to be paid CONSULTANT by the OWNER for all Basic Services is set forth in Article Five and Exhibit B, "Basis of Compensation", which is attached hereto and incorporated herein.

1.3. The CONSULTANT agrees to obtain and maintain throughout the period of this Agreement all such licenses as are required to do business in the State of Florida, the City of Naples, and in Collier County, Florida, including, but not limited to, all licenses required by the respective state boards and other governmental agencies responsible for regulating and licensing the professional services to be provided and performed by the CONSULTANT pursuant to this Agreement.

1.4. The CONSULTANT agrees that, when the services to be provided hereunder relate to a professional service which, under Florida Statutes, requires a license, certificate of authorization or other form of legal entitlement to practice such services, it shall employ and/or retain only qualified personnel to provide such services.

1.5. CONSULTANT agrees to employ and designate, in writing, within five (5) calendar days after receiving its Notice to Proceed, a qualified licensed professional to serve as the CONSULTANT's project

manager (hereinafter referred to as the "Project Manager"). The Project Manager shall be authorized and responsible to act on behalf of the CONSULTANT with respect to directing, coordinating and administering all aspects of the services to be provided and performed under this Agreement. Within five (5) calendar days from the Notice to Proceed issued by the OWNER to the CONSULTANT, the CONSULTANT shall deliver to the OWNER a written statement, executed by the proper officers of the CONSULTANT, acknowledging that the Project Manager shall have full authority to bind and obligate the CONSULTANT on all matters arising out of or relating to this Agreement. The CONSULTANT agrees that the Project Manager shall devote whatever time is required to satisfactorily manage the services to be provided and performed by the CONSULTANT hereunder. The person selected by the CONSULTANT to serve as the Project Manager shall be subject to the prior approval and acceptance of the OWNER.

1.6. CONSULTANT agrees, within fourteen (14) calendar days of receipt of a written request from the OWNER, to promptly remove and replace the Project Manager, or any other personnel employed or retained by the CONSULTANT, or any subconsultants or subcontractors or any personnel of any such subconsultants or subcontractors engaged by the CONSULTANT to provide and perform services or work pursuant to the requirements of this Agreement, whom the OWNER shall request in writing to be removed, which request may be made by the OWNER with or without cause.

1.7. The CONSULTANT has represented to the OWNER that it has expertise in the type of professional services that will be required for the Project. The CONSULTANT agrees that all services to be provided by CONSULTANT pursuant to this Agreement shall be subject to the OWNER's review and approval and shall be in accordance with the generally accepted standards of professional practice in the State of Florida, as well as in accordance with all published laws, statutes, ordinances, codes, rules, regulations and requirements of any governmental agencies which regulate or have jurisdiction over the Project or the services to be provided and performed by CONSULTANT hereunder. In the event of any conflicts in these requirements, the CONSULTANT shall notify the OWNER of such conflict and utilize its best professional judgment to advise OWNER regarding resolution of the conflict.

1.8. CONSULTANT agrees not to divulge, furnish or make available to any third person, firm or organization, without OWNER's prior written consent, or unless incident to the proper performance of the CONSULTANT's obligations hereunder, or in the course of judicial or legislative proceedings where such information has been properly subpoenaed, any non-public information concerning the services to be rendered by CONSULTANT hereunder, and CONSULTANT shall require all of its employees, agents, subconsultants and subcontractors to comply with the provisions of this paragraph.

1.9. CONSULTANT agrees to certify all estimates of construction costs and Project completion dates prepared by the CONSULTANT. Said certifications shall be in a form approved by the OWNER.

1.10. Evaluations of the OWNER'S Project budget, preliminary estimates of construction cost and detailed estimates of construction cost prepared by the CONSULTANT represent the CONSULTANT'S best judgment as a design professional familiar with the construction industry. The CONSULTANT cannot and does not guarantee that bids or negotiated prices will not vary from any estimate of construction cost or evaluation prepared or agreed to by the CONSULTANT. Notwithstanding anything above to the contrary, CONSULTANT shall revise and modify Construction Documents and assist in the rebidding of the Work at no additional cost to OWNER, if all responsive and responsible bids exceed the estimates of construction costs prepared by CONSULTANT.

1.11. CONSULTANT shall not be responsible for means, methods, techniques, sequences or procedures of construction selected by contractors or the safety precautions and programs incident to the work of contractors.

1.12 CONSULTANT agrees not to employ or offer to employ any Elected Officer or City Managerial Employee of OWNER who in any way deals with, coordinates on, or assists with, the professional services provided in this Agreement, for a period of two (2) years after termination of all provisions of this Agreement.

- (a) For purposes of this paragraph, the term "Elected Officer" shall mean any member of the City Council.
- (b) For purposes of this paragraph, the term "City Managerial Employee" shall mean the City Manager, the Assistant City Manager, the City Clerk, and any City department head or director.
- (c) In the event CONSULTANT violates the provisions of this paragraph, CONSULTANT shall be required to pay damages to OWNER in an amount equal to any and all compensation which is received by the former Elected Officer or City Managerial Employee of OWNER from or on behalf of the contracting person or entity, or an amount equal to the former Elected Officer's or City Managerial Employee's last two (2) years of gross compensation from OWNER, whichever is greater.

1.13 CONSULTANT agrees not to provide services for compensation to any other party other than OWNER on the same subject matter, same project, or scope of services as set forth in this Agreement without approval from the City Council of OWNER.

1.14 Except as otherwise provided herein, CONSULTANT agrees not to disclose or use any information not available to members of the general public and gained by reason of CONSULTANT'S contractual relationship with OWNER for the special gain or benefit of CONSULTANT or for the special gain or benefit of any other person or entity.

ARTICLE TWO ADDITIONAL SERVICES OF CONSULTANT

If authorized in writing by OWNER, CONSULTANT shall furnish or obtain from others Additional Services of the types listed in Article Two herein. These services will be paid for by OWNER as indicated in Article Five and Exhibit B. The following services, if not otherwise specified in Exhibit A as

part of Basic Services, shall be Additional Services:

- 2.1. Preparation of applications and supporting documents (except those already to be furnished under this Agreement) for private or governmental grants, loans, bond issues or advances in connection with the Project.
- 2.2. Services resulting from significant changes in the general scope, extent or character of the Project or its design including, but not limited to, changes in size, complexity, OWNER's schedule or character of construction; and revising previously accepted studies, reports, design documents or Contract Documents when such revisions are required by changes in laws, rules, regulations, ordinances, codes or orders enacted subsequent to and not reasonably anticipated prior to the preparation of such studies, reports or documents, or are due to any other causes beyond CONSULTANT's control.
- 2.3. Preparation and submission of information to and necessary consultations with Collier County, Florida Department of Environmental Protection, Florida Department of Transportation, South Florida Water Management District, U.S. Army Corps of Engineers or other appropriate regulatory agencies, in order to obtain necessary permits or approvals for construction of the Project, unless such permits are expressly included in Basic Services to be performed by CONSULTANT hereunder as set forth in the Exhibit A Scope of Services.
- 2.4. Providing renderings or models for OWNER's use.
- 2.5. Investigations and studies involving detailed consideration of operations, maintenance and overhead expenses; the preparation of feasibility studies, cash flow and economic evaluations, rate schedules and appraisals; and evaluating processes available for licensing and assisting OWNER in obtaining process licensing.
- 2.6. Furnishing services of independent professional associates and consultants for other than the contract services to be provided by CONSULTANT hereunder.
- 2.7. Services during out-of-town travel required of CONSULTANT and directed by OWNER, other than visits to the Project site or OWNER's office.
- 2.8. Assistance in connection with bid protests, rebidding or renegotiating contracts for construction, materials, equipment or services, except as otherwise provided for herein.
- 2.9. Providing any type of property surveys, aerial photography or related engineering services needed for the transfer of interests in real property and field surveys for design purposes and engineering surveys and staking to enable contractors to proceed with their work and providing other special field surveys.
- 2.10. Preparation of operating, maintenance and staffing manuals, except as otherwise provided for herein.
- 2.11. Preparing to serve or serving as a CONSULTANT or witness for OWNER in any litigation, or other legal or administrative proceeding, involving the Project (except for assistance in consultations which are included as part of the Basic Services to be provided herein).

2.12. Additional services rendered by CONSULTANTS in connection with the Project, not otherwise provided for in this Agreement or not customarily furnished in accordance with generally accepted **engineering and permitting** practices.

ARTICLE THREE OWNER'S RESPONSIBILITIES

3.1. The Owner shall designate in writing a project coordinator to act as OWNER's representative with respect to the services to be rendered under this Agreement (hereinafter referred to as the "Project Coordinator"). The Project Coordinator shall have authority to transmit instructions, receive information, interpret and define OWNER's policies and decisions with respect to CONSULTANT's services for the Project. However, the Project Coordinator is not authorized to issue any verbal or written orders or instructions to the CONSULTANT that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatever:

- (a) The scope of services to be provided and performed by the CONSULTANT hereunder;
- (b) The time the CONSULTANT is obligated to commence and complete all such services; or
- (c) The amount of compensation the OWNER is obligated or committed to pay the CONSULTANT.

3.2. The Project Coordinator shall:

- (a) Review and make appropriate recommendations on all requests submitted by the CONSULTANT for payment for services and work provided and performed in accordance with this Agreement;
- (b) Provide all criteria and information requested by CONSULTANT as to OWNER's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations;
- (c) Upon request from CONSULTANT, assist CONSULTANT by placing at CONSULTANT's disposal all available information in the OWNER'S possession pertinent to the Project, including existing drawings, specifications, shop drawings, product literature, previous reports and any other data relative to design or construction of the Project
- (d) Arrange for access to and make all provisions for CONSULTANT to enter the Project site to perform the services to be provided by CONSULTANT under this Agreement; and
- (e) Provide notice to CONSULTANT of any deficiencies or defects discovered by the OWNER with respect to the services to be rendered by CONSULTANT hereunder.

3.3. CONSULTANT acknowledges that access to the Project Site, to be arranged by OWNER for CONSULTANT, may be provided during times that are not the normal business hours of the CONSULTANT.

3.4. OWNER shall be responsible for the acquisition of all easements, property sites, rights-of-way, or other property rights required for the Project and for the costs thereof, including the costs of any required land surveys in connection with such acquisition.

ARTICLE FOUR TIME

4.1. Services to be rendered by CONSULTANT shall be commenced subsequent to the execution of this Agreement upon written Notice to Proceed from OWNER for all or any designated portion of the Project and **shall be performed and completed by December 31, 2009 in accordance with the Project Schedule attached hereto and made a part hereof as Exhibit C.** Time is of the essence with respect to the performance of this Agreement.

4.2. Should CONSULTANT be obstructed or delayed in the prosecution or completion of its services as a result of unforeseeable causes beyond the control of CONSULTANT, and not due to its own fault or neglect, including but not restricted to acts of God or of public enemy, acts of government or of the OWNER, fires, floods, epidemics, quarantine regulations, strikes or lock-outs, then CONSULTANT shall notify OWNER in writing within five (5) working days after commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which CONSULTANT may have had to request a time extension.

4.3. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of CONSULTANT's services from any cause whatsoever, including those for which OWNER may be responsible in whole or in part, shall relieve CONSULTANT of its duty to perform or give rise to any right to damages or additional compensation from OWNER. CONSULTANT's sole remedy against OWNER will be the right to seek an extension of time to its schedule. This paragraph shall expressly apply to claims for early completion, as well as claims based on late completion. Provided, however, if through no fault or neglect of the CONSULTANT, **the services to be provided hereunder have not been completed within 12 months** of the date hereof, the CONSULTANT's compensation may be equitably adjusted, with respect to those services that have not yet been performed, to reflect the incremental increase in costs experienced by CONSULTANT after expiration of said **12 month period.**

4.4. Should the CONSULTANT fail to commence, provide, perform or complete any of the services to be provided hereunder in a timely and reasonable manner, in addition to any other rights or remedies available to the OWNER hereunder, the OWNER at its sole discretion and option may withhold any and all payments due and owing to the CONSULTANT until such time as the CONSULTANT resumes performance of its obligations hereunder in such a manner so as to reasonably establish to the OWNER's satisfaction that the CONSULTANT's performance is or will shortly be back on schedule.

**ARTICLE FIVE
COMPENSATION**

5.1. Compensation and the manner of payment of such compensation by the OWNER for services rendered hereunder by CONSULTANT shall be **an amount not-to-exceed \$460,108.00** as prescribed in Exhibit B, entitled "Basis of Compensation", which is attached hereto and made a part hereof.

**ARTICLE SIX
OWNERSHIP OF DOCUMENTS**

6.1. Upon completion or termination of this Agreement, all records, documents, tracings, plans, specifications, maps, evaluations, reports, computer assisted design or drafting disks and other technical data, other than working papers, prepared or developed by CONSULTANT under this Agreement shall be delivered to and become the property of OWNER. CONSULTANT, at its own expense, may retain copies for its files and internal use. OWNER agrees to indemnify and hold harmless CONSULTANT with respect to any claim, loss or damage, including attorneys fees incurred by CONSULTANT due to the OWNER's use of said records, documents, tracings, plans, specifications, maps, evaluations, reports, computer disks and other technical data on some other project unless such use is authorized by CONSULTANT.

6.2. With respect to and in consideration for the indemnification provided by OWNER in paragraphs 6.1. above, CONSULTANT agrees to pay to OWNER \$10.00, the sufficiency and receipt of which is acknowledged through the signing of this Agreement.

**ARTICLE SEVEN
MAINTENANCE OF RECORDS**

7.1. CONSULTANT will keep adequate records and supporting documentation which concern or reflect its services hereunder. The records and documentation will be retained by CONSULTANT for a minimum of five (5) years from the date of termination of this Agreement or the date the Project is completed, whichever is later. OWNER, or any duly authorized agents or representatives of OWNER, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the five (5) year period noted above; provided, however, such activity shall be conducted only during normal business hours.

**ARTICLE EIGHT
INDEMNIFICATION**

8.1. The CONSULTANT (or Design Professional) agrees to indemnify and hold harmless the City, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Consultant and other persons employed or utilized by Consultant in the performance of the contract.

8.2. CONSULTANT acknowledges that the general conditions of any contract shall include language, satisfactory to the OWNER's attorney, in which the contractor agrees to hold harmless and to defend

OWNER, its agents and employees from all suits and actions, including attorney's fees, and all costs of litigation and judgments of any name and description arising out of or incidental to the performance of the construction contract or work performed thereunder.

ARTICLE NINE INSURANCE

9.1. CONSULTANT shall obtain and carry, at all times during its performance under the Contract Documents, insurance of the types and in the amounts set forth in EXHIBIT D to this Agreement.

ARTICLE TEN SERVICES BY CONSULTANT'S OWN STAFF

10.1. The services to be performed hereunder shall be performed by CONSULTANT's own staff, unless otherwise authorized in writing by the OWNER. The employment of, contract with, or use of the services of any other person or firm by CONSULTANT, as independent consultant or otherwise, shall be subject to the prior written approval of the OWNER. No provision of this Agreement shall, however, be construed as constituting an agreement between the OWNER and any such other person or firm. Nor shall anything contained herein be deemed to give any such party or any third party any claim or right of action against the OWNER beyond such as may otherwise exist without regard to this Agreement.

ARTICLE ELEVEN WAIVER OF CLAIMS

11.1. CONSULTANT's acceptance of final payment shall constitute a full waiver of any and all claims, except for insurance company subrogation claims, by it against OWNER arising out of this Agreement or otherwise related to the Project, except those previously made in writing and identified by CONSULTANT as unsettled at the time of the final payment. Neither the acceptance of CONSULTANT's services nor payment by OWNER shall be deemed to be a waiver of any of OWNER's rights against CONSULTANT.

ARTICLE TWELVE TERMINATION OR SUSPENSION

12.1. CONSULTANT shall be considered in material default of this Agreement and such default will be considered cause for OWNER to terminate this Agreement, in whole or in part, as further set forth in this section, for any of the following reasons: (a) failure to begin work under the Agreement within the times specified under the Notice(s) to Proceed, or (b) failure to properly and timely perform the services to be provided hereunder or as directed by OWNER, or (c) the bankruptcy or insolvency or a general assignment for the benefit of creditors by CONSULTANT or by any of CONSULTANT's principals, officers or directors, or (d) failure to obey laws, ordinances, regulations or other codes of conduct, or (e) failure to perform or abide by the terms or spirit of this Agreement, or (f) for any other just cause. The OWNER may so terminate this Agreement, in whole or in part, by giving the CONSULTANT seven (7) calendar days written notice.

12.2. If, after notice of termination of this Agreement as provided for in paragraph 12.1 above, it is determined for any reason that CONSULTANT was not in default, or that its default was excusable, or

that OWNER otherwise was not entitled to the remedy against CONSULTANT provided for in paragraph 12.1, then the notice of termination given pursuant to paragraph 12.1 shall be deemed to be the notice of termination provided for in paragraph 12.3 below and CONSULTANT's remedies against OWNER shall be the same as and limited to those afforded CONSULTANT under paragraph 12.3 below.

12.3. OWNER shall have the right to terminate this Agreement, in whole or in part, without cause upon seven (7) calendar day's written notice to CONSULTANT. In the event of such termination for convenience, CONSULTANT's recovery against OWNER shall be limited to that portion of the fee earned through the date of termination, together with any retainage withheld and any costs reasonably incurred by CONSULTANT that are directly attributable to the termination, but CONSULTANT shall not be entitled to any other or further recovery against OWNER, including, but not limited to, anticipated fees or profits on work not required to be performed.

12.4. Upon termination, the CONSULTANT shall deliver to the OWNER all original papers, records, documents, drawings, models, and other material set forth and described in this Agreement.

12.5. The OWNER shall have the power to suspend all or any portions of the services to be provided by CONSULTANT hereunder upon giving CONSULTANT two (2) calendar days prior written notice of such suspension. If all or any portion of the services to be rendered hereunder are so suspended, the CONSULTANT's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in Article Four herein.

ARTICLE THIRTEEN TRUTH IN NEGOTIATION REPRESENTATIONS

13.1. CONSULTANT warrants that CONSULTANT has not employed or retained any company or person, other than a bona fide employee working solely for CONSULTANT, to solicit or secure this Agreement and that CONSULTANT has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONSULTANT, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement.

13.2. In accordance with provisions of Section 287.055, (5)(a), Florida Statutes, the CONSULTANT agrees to execute the required Truth-In-Negotiation Certificate, attached hereto and incorporated herein as Exhibit E, stating that wage rates and other factual unit costs supporting the compensation are accurate, complete and current at the time of the Agreement. The CONSULTANT agrees that the original Agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the OWNER determines the Agreement price was increased due to inaccurate, incomplete, or non-current wage rates and other factual unit costs. All such adjustments shall be made within one (1) year following the end of this Agreement.

ARTICLE FOURTEEN CONFLICT OF INTEREST

14.1. CONSULTANT represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder. CONSULTANT further represents that no persons having any such interest shall be employed

to perform those services.

ARTICLE FIFTEEN MODIFICATION

15.1. No modification or change in this Agreement shall be valid or binding upon the parties unless in writing and executed by the party or parties intended to be bound by it.

ARTICLE SIXTEEN NOTICES AND ADDRESS OF RECORD

16.1. All notices required or made pursuant to this Agreement to be given by the CONSULTANT to the OWNER shall be in writing and shall be delivered by hand or by United States Postal Service Department, first class mail service, postage prepaid, return receipt requested, addressed to the following

OWNER's address of record:
City Council
City of Naples
735 Eighth Street South
Naples, Fl. 34102-3796
Attention: Dr. Robert E. Lee, City Manager

16.2. All notices required or made pursuant to this Agreement to be given by the OWNER to the CONSULTANT shall be made in writing and shall be delivered by hand or by the United States Postal Service Department, first class mail service, postage prepaid, return receipt requested, addressed to the following CONSULTANT's address of record:

CONSULTANT's address of record:
PBS and J
2001 Northwest 107th Avenue
Miami, Florida 33172
Attention: Jeffrey R. Tabar

16.3. Either party may change its address of record by written notice to the other party given in accordance with requirements of this Article.

ARTICLE SEVENTEEN MISCELLANEOUS

17.1. CONSULTANT, in representing OWNER, shall promote the best interest of OWNER and assume towards OWNER a duty of the highest trust, confidence, and fair dealing.

17.2. No modification, waiver, suspension or termination of the Agreement or of any terms thereof shall impair the rights or liabilities of either party.

17.3. This Agreement is not assignable, in whole or in part, by CONSULTANT without the prior written consent of OWNER.

17.4. Waiver by either party of a breach of any provision of this Agreement shall not be deemed to be a waiver of any other breach and shall not be construed to be a modification of the terms of this Agreement.

17.5. The headings of the Articles, Exhibits, Parts and Attachments as contained in this Agreement are for the purpose of convenience only and shall not be deemed to expand, limit or change the provisions in such Articles, Exhibits, Parts and Attachments.

17.6. This Agreement, constitutes the entire agreement between the parties hereto and shall supersede, replace and nullify any and all prior agreements or understandings, written or oral, relating to the matter set forth herein, and any such prior agreements or understanding shall have no force or effect whatever on this Agreement.

ARTICLE EIGHTEEN APPLICABLE LAW

18.1. Unless otherwise specified, this Agreement shall be governed by the laws, rules, and regulations of the State of Florida, and by the laws, rules and regulations of the United States when providing services funded by the United States government. Any suit or action brought by either party to this Agreement against the other party relating to or arising out of this Agreement must be brought in the appropriate Florida state court in Collier County, Florida.

IN WITNESS WHEREOF, the parties hereto have executed this Professional Services Agreement for the day and year first written above.

ATTEST:

OWNER:
CITY OF NAPLES, FLORIDA,
A MUNICIPAL CORPORATION

By: _____
Tara A. Norman, City Clerk

By: _____
Dr. Robert E. Lee, City Manager

Approved as to form and
legal sufficiency:

Robert D. Pritt, City Attorney

CONSULTANT:
**PBS and J
Engineering Firm
Miami, Florida**

By:
Printed Name
Title:

(CORPORATE SEAL)

witness

Consultant Services Agreement
115798_1.WP5
Revised 7/8/03

**EXHIBIT A
SCOPE OF SERVICES**

Exhibit A consists of the following component Parts:

- A.1. DESCRIPTION OF PROJECT
 - A.2. DESIGN REPORT
 - A.3. PRELIMINARY DESIGN
 - A.4. FINAL DESIGN
 - A.5. CONSTRUCTION BID SERVICES
 - A.6. CONSTRUCTION CONTRACT ADMINISTRATION
 - A.7. DETAILED OBSERVATION OF CONSTRUCTION
- A.1. DESCRIPTION OF PROJECT.
- A.1.1. PLEASE SEE BELOW FOR SCOPE OF SERVICES:

SCOPE-OF-WORK

Engineering and Permitting Services for the Dredging of East Naples Bay

Listed below are several key areas and milestones PBS&J will conduct for the project. The following section outlines the various tasks to be performed. Each task is presented in the order in which it will be completed. An exhibit is attached that provides an overview of the proposed project area and preliminary sampling locations. The scope is divided into two phases: Phase I - Design and Permitting Services and Phase II - Construction Services.

PHASE I

Design and Permitting Services

Task 1. Review of Existing Data

A review of existing data, reports and documentation will be conducted to assess the amount of information available. A considerable effort will be put forth to assess data from Federal, State and Local agencies. Documentation regarding previous dredging activity will be sought to assist in permitting the project. Any information such as aerial photographs, still photographs, dredge records, permits, disposal sites, development plans, and construction drawings will be reviewed. This information will be used to develop a plan to identify project feasibility. In addition, project planning will be conducted that includes survey control research, reconnaissance and development of transect and coring coordinates. The plan will present a priority list used to focus the investigation. Efforts will be made to concentrate on issues that may affect the project from a practical, budgetary, and construction standpoint.

Task 2. Coordination/Meetings with Regulatory Agencies

This task will involve coordination with the permitting agencies to determine the level of information needed, initiate communication and assess the likelihood of obtaining the required permits to dredge the project. Prior to approaching the regulatory agencies, PBS&J will meet with City staff to develop a plan that clearly outlines the City's intentions. PBS&J will prepare preliminary maps and exhibits to take to the meetings that show the project area, the canal locations to be dredged, possible disposal sites and areas of environmental sensitivity. A brief project overview will be presented including the historic information assembled and any other information we have gathered through this process. This task will be a significant step in determining the project feasibility.

Following discussions with the agencies a status memorandum will be prepared. The memorandum will review the findings of the meetings and present to the City a recommendation on the likelihood of completing the project. Pre-design meetings with the regulatory agencies have great value in coordinating and molding the investigation to address specific areas of agency concern. Our experience has shown that this initial level of communication will provide very useful information, which will expedite the coming

permit process. A total of two (2) meetings are expected with the following agencies: Florida Department of Environmental Protection (FDEP), and Army Corps of Engineers (ACOE).

Task 3. Field Operations

Following the coordination meetings, PBS&J will proceed with completing the necessary field operations for the project. These operations include:

- hydrographic survey,
- rock probe investigation,
- sediment core boring investigation,
- assessment of natural resources,
- sediment sampling and analysis,
- subsurface investigation,
- and collecting any other pertinent data.

A detailed description of these elements follows. These data will be analyzed to set the foundation for the final design and permitting of the project.

Hydrographic Survey

An existing survey performed by Coastal Planning and Engineering was performed in February 2005. This survey covered the interior of the canals and will be useful information; however the survey did not include Naples Bay, channels leading to the Intracoastal Waterway, locations of the shoreline and upland features (dock, seawalls, revetments, etc.) This task will consist of completing a bathymetric survey to gather the above mentioned items for the project area. The survey will extend from Tamiami Trail Bridge (U.S. 41) to the federally maintained channel in Naples Bay and along all project areas (Royal Harbor, Oyster Bay and Golden Shores).

The purpose of the survey will be to delineate the existing bottom, location of the shoreline and upland features. Existing published benchmarks will be utilized as well as benchmarks established for the Haldeman Creek Restoration Project, Collier County. The horizontal datum (coordinates) will be referenced to the Florida State Plane Coordinate System. The vertical datum (elevations) will be referenced to the National Geodetic Vertical Datum (NGVD) and will be based on published horizontal and vertical control points. Three-dimensional drawings will be prepared showing the bottom elevations and contours. Cross-sections will be created indicating measured water depths, tide information, existing grade and rock levels encountered.

Standard survey quality depth sounding equipment will be used to recover water depth data where possible for the project area. State-of-the-art differential GPS and a high frequency single beam digital fathometer linked to Hypack data collection software will be utilized. Cross sections will be taken at 100 foot intervals east to west with data collected at 10 foot intervals north to south along each section.

Coupled with the bathymetric survey, a topographic survey of the project area will be completed. A shoreline/infrastructure survey will be completed to document the type, and location of shoreline features throughout the project area. During this survey, care will be taken to note the location and extent of natural resources, including oyster beds and grasses. Upland topography together with the locations and elevations of shoreline features will be collected using Real-Time Kinematic GPS or electronic total station.

Rock Probe Investigation

A rock probe investigation is included in this scope of work to determine/confirm the surface of rock that exists in the waterway. This technique is primarily used to determine the presence of rock surfaces and to identify initially the type of sediments present. The depth of the unconsolidated sediment above the rock surface will be mapped using a 1 inch galvanized pipe attached to a water pump. A jet probe is inserted into the sediment until failure or the length of the probe is reached. Jet probes will be taken at approximately 100 ft. intervals throughout the project area, with emphasis around areas of known rock features. Probe locations may vary based on the results encountered during the investigation and on the configuration of the channel.

During probing, the probe length to rock or refusal depth is recorded. The sediment thickness data obtained during this investigation will be used to develop an isopach map showing contours in feet indicating the depth of sediment below the natural bottom. This level of verification may optimize the time expended on other work elements for the project and produce better dredge cost estimates and reduce potential construction setback related issues.

Sediment Core Boring Investigation

A sediment and core boring analysis will be completed and performed in accordance with the *Documentation of Previous Dredge Depth for Exemptions DEP SWD Temporary Guidance, October 2003*.

A total of fifteen (15) sediment core borings will be taken along the length of the project site. These borings are being completed to verify historic depths and identify the characteristics of the local channel bottom. The location of cores will be optimized based on water depth, anticipated core lengths necessary for logging, sampling and archival, and apparent material composition. Should the acquisition of cores become difficult based on depth of penetration, sediment recovery, etc., modifications to these locations will be made in the field. Efforts will be made to keep the spacing as close as possible to the original plan.

It is assumed that cores will be collected during three field days and that five cores will be recovered per day. The coring effort entails positioning a vessel over a previously-determined coordinate. Once in position, the coring system utilizes an impact hammer mounted on the top of a core barrel constructed of aluminum pipe and fitted with an internal plastic liner to contain the sediment core sample. The coring system is deployed

into the bottom and is retrieved. GPS positioning of the core sample is recorded along with record of the barrel penetration into the bottom. The procedure is then repeated following removal of the plastic liner from the barrel and visual inspection of the material contained within the liner.

Sediment Sampling and Testing

Sediment sampling of the 15 cores will be completed. It is assumed that two sediment samples will be taken per core. Samples will be taken for sediment characterization analysis. Regulatory procedures for sample testing will be followed. A description of the testing methodology is provided below.

Physical Analysis

Sediment samples will be split, visually inspected, and logged in detail in accordance with FDEP & USACE standards. Results of the logging will be reported on USACE Engineering Form 1836. Textural classification during logging will be prepared in accordance with the Unified Soils Classification System, described in ASTM Standard D-2487. Color photographs of the samples will be taken to record visual characteristics and identification of sediment stratification. Samples will be analyzed for grain size, percent mud and gravel.

Grain size analysis will adhere to ASTM Standard D-421 and D-422 for dry preparation for particle size analysis and mechanical particle size analysis of the soils, respectively. Analyses will be conducted by mechanical sieving utilizing a set of nested screens dividing sediments at phi intervals from -4 to +3.75 phi, with the +3.75 phi (#200 mesh screen). Laboratory quality assurance procedures dictate that a replicate of approximately 5% of all samples taken for grain size analyses be taken. Moisture and organic content will be analyzed as well for each sample. Moisture analysis will adhere to ASTM Standard D-1140 for amount of material in soils finer than the #200 sieve. Organic content analysis will adhere to ASTM Standard D-2974 for moisture, ash and organic matter of peat and other organic soils.

Grain size distribution of samples processed in accordance with the above procedures will be analyzed using the method of moments and graphic methods as described by Folk (1974). Tabular summaries of each sample will be generated and will report sieve size, phi size, mesh opening size in millimeters, weight of sediment retained in grams, cumulative percent retained, and cumulative percent passing. Sample statistics (e.g., mean, standard deviation, skewness and kurtosis) may also be displayed in the summary tables. A frequency plot of grain size distribution will be provided for each sample in accordance with USACE Form 2087.

A Letter Report will be prepared which brings together all elements of Core Boring investigation and presents the findings, and presented as an appendix to the Feasibility Report. The results will be evaluated to identify historic depths and the presence of a previous channel. A certified Professional Engineer (P.E.) and Geologist (P.G.) will

review the data and provide professional opinion as to the previous canal depth configuration as part of this task.

Habitat Survey and Analysis

Any information regarding existing aquatic flora or fauna will be researched. During the fieldwork a habitat survey will be conducted. This survey will include but not limited to identifying oysters beds, sea grasses, potential manatee impacts, mangroves, wetlands, and water quality considerations. Careful attention will be put on the Bay and mouths of the entrance canals to each community. This scope of work does not include the preparation of mitigation plans as a result of proposed environmental impacts.

Seagrass Survey

A seagrass survey will be conducted within the project area. The timing for this survey will be determined by DEP requirements. The boundaries of all seagrass beds greater than 2 m² will be mapped using handheld GPS. Seagrass beds smaller than 2m² will be mapped as point features. Seagrass cover and species composition will be recorded within 1 m² quadrants sampled within each mapped bed. Acreage of potential impacts to seagrasses will be quantified by overlaying the dredging template with the mapped seagrass beds.

Oyster Bed Survey

A survey for oyster beds will be conducted within the project area concurrently with the seagrass survey. The boundaries of all oyster beds greater than 2 m² will be mapped using handheld GPS. Oyster beds smaller than 2m² will be mapped as point features. Acreage of potential impacts to oyster beds will be quantified by overlaying the dredging template with the mapped oyster beds.

Mangrove

As lateral trimming may occur as a result of the project, the waterward extent of all red, black, and white mangroves will be measured if they occur within the dredge footprint. The waterward extent and the species will be depicted on the plan view drawings. All trimming activities will need to be in accordance with 403.9321, Florida Statutes (F.S.). Mangrove removal is not anticipated as a result of the proposed Project activities.

Sediment Sampling and Analysis

Sediment sampling will also be completed at various locations throughout the project area, in addition to the Core Boring Investigation. Samples will be taken for sediment characterization and chemical (pollutant) analysis. Regulatory procedures for sample collection will be followed during the operation. Cores and/or grab samples will be collected at key locations throughout the project area. It is estimated that 15 samples will be collected for physical and chemical analysis. Samples will be collected within each

finger canal. The intent is to obtain a complete set or representation of the sediments for the entire project area. A description of the testing methodology is provided below.

Physical

Sediment samples will be visually inspected, and logged in detail in accordance with FDEP & USACE standards. Results of the logging will be reported on USACE Engineering Form 1836. Textural classification during logging will be prepared in accordance with the Unified Soils Classification System, described in ASTM Standard D-2487. Color photographs of the samples will be taken to record visual characteristics. Samples will be analyzed for grain size, percent mud and gravel.

Grain size analysis will adhere to ASTM Standard D-422 for mechanical particle size analysis of the soils. Should the samples warrant, carbonate and organic content procedures will be conducted if determined necessary. Analyses will be conducted by mechanical sieving utilizing a set of nested screens dividing sediments at phi intervals from -4 to +3.75 phi, with the +3.75 phi (#200 mesh screen). Laboratory quality assurance procedures dictate that a replicate of approximately 5% of all samples taken for grain size analyses be taken.

Grain size distribution of samples processed in accordance with the above procedures will be analyzed using the method of moments and graphic methods as described by Folk (1974). Tabular summaries of each sample will be generated and will report sieve size, phi size, mesh opening size in millimeters, weight of sediment retained in grams, cumulative percent retained, and cumulative percent passing. Sample statistics (e.g., mean, standard deviation, skewness and kurtosis) will also be displayed in the summary tables. A frequency plot of grain size distribution will be provided for each sample in accordance with USACE Form 2087.

Chemical

Analytical analyses will be performed according to EPA methodology. Samples shall be collected in the project area and tested for total pollutant metals and the synthetic precipitation leaching procedure (SPLP) and Elutriate testing. The synthetic precipitation leaching procedure and elutriate analysis shall be conducted following EPA Method 1312. In addition, the samples shall be tested for the following priority pollutant metals including arsenic, cadmium, chromium, lead, silver, barium, selenium, mercury, aluminum, copper, nickel, zinc, and the semi-volatile organic compounds listed in EPA Method 8270D. Approval of this approach and the elements to be tested (semi-volatiles and pollutant metals) will be requested from the City prior to proceeding. Testing will be performed by a Florida DEP certified environmental laboratory (US Biosystems Testing Laboratory). We have identified thirty sediment samples in this scope of work. However, if hot spots are identified, additional samples may be required to determine the source of contamination and to define the boundaries of the contaminated sediment.

Subsurface Investigation

Several subsurface utility cables exist in Naples Bay and may interfere with the proposed dredging of the lateral channel connections to the Intracoastal Waterway. PBS&J will

perform a subsurface investigation within the Naples Bay portion of the project area. A magnetometer and side scan survey will be performed with diver verification to identify the location and depth of known cable crossings and potential subsurface anomalies that may interfere with dredging.

Task 4. Project Design and Engineering

Following the field investigation, analysis and feedback from the regulatory agencies, the project design and engineering tasks will be completed. Hydrographic survey data, core boring investigation, and sediment analysis results will be used to develop the dredge design. Plans will be prepared showing the survey data and presented as cross sections that indicate existing grade, cut depths and rock areas to be removed. The proposed dredge template will include main navigation channels, perimeter channels, lateral channels necessary for access to the Intracoastal Waterway, and dredging adjacent to docks/lifts/moorings/etc. to allow for individual property owner participation in the project.

Of particular importance to the project is the removal of rock from the project area. Volume calculations will be completed to determine the amount of sediment and rock to be removed in order to provide adequate navigation. It is estimated that several levels of design depth and width will be examined. A preferred depth and width will be presented that optimizes the design. Disposal sites for the dredge material will be located. Our investigation will look into several disposal areas including various upland sites, as well as evaluating disposal sites to accommodate future maintenance events. Various dredge techniques will be evaluated that incorporate disposal site selection and present the most appropriate method and cost. Possible techniques include, but are not limited to, hydraulic and mechanical. The Regulatory Agencies will dictate the priority of these disposal areas. Attempts to secure agency support will be a high priority during this phase of the project.

Following the recommendation of a preferred design, project construction costs and scheduling will be completed. Cost will be presented for mobilization/demobilization, dredge activity, disposal site acquisition, sediment removal, rock excavation, and construction administration. A project schedule will be prepared indicating all phases of construction including pre-dredge surveys, pre-dredge monitoring, mobilization/demobilization, construction/dredging, and monitoring.

Complete sets of design documents will be presented to the City for review. Upon approval from the City, PBS&J will prepare the final design documents and proceed with applying for dredging permits. As part of the final design documents, a report will be completed that assembles all work and information to date. This report will also include a proposed maintenance-dredging program. Long-term budgets, maintenance intervals and future permit renewals/extensions will be presented.

Task 5. Acquisition of Project Dredging Permits

All material and documentation required for the permits will be prepared and submitted to the regulatory agencies; Florida Department of Environmental Protection and U.S. Army Corps of Engineers (Joint Application for Environmental Resource Permit). A pre-application meeting will be held with the regulatory agencies to outline the findings of the investigation and review the design documents. Based on the existing scope-of-work, we have not budgeted for any type of detailed environmental documentation such as an Environmental Assessment (EA) or Environmental Impact Statement (EIS). However, it is expected that an Environmental Resource Permit (ERP) will be required due to the proposed removal of rock, potential dredging below previous depths, dredging of the channels connecting to the Intracoastal Waterway, and possible dredging in Naples Bay.

Once a permit application has been submitted, comments from the agencies will be incorporated into the design, if deemed appropriate. Following submittal of the application(s), PBS&J will respond to first and second agency requests for additional information. Appropriate changes to the design documents will be made following review and approval by City staff. Our experience has shown that comments received from agencies do not always necessitate changes in the documents. Upon acquisition of the construction permits, PBS&J will review the final intent and conditions. Based on the conditions presented, PBS&J will negotiate on behalf of the City as necessary.

Task 6. Funding Program

The following section details the approach for assisting the City in preparing funding for the project.

A complete review of all pertinent data will be conducted. Meetings with City financial/budget officers will be held to review the general financial structure of the East Naples Bay Special Taxing District. PBS&J will outline the beneficiary groups, review existing financial programs, and examine new funding programs that may be utilized to support the project. This information will be brought together with the recommended project design and respective costs to set the platform for project funding.

As indicated previously, PBS&J will estimate the construction costs for the project. Costs will be developed using standard techniques for estimating dredging costs, including mobilization/demobilization, unit costs of sediment removal, rock excavation, delivery distances, placement quantities, placement techniques, disposal site implementation, mitigation and monitoring.

PBS&J will determine and conduct an evaluation of potential new funding scenarios available to support the project. Various funding scenarios will be examined which will include, but are not limited to:

- municipal service taxing units,
- municipal service benefit units,
- Florida boater's improvement fund,

- waterfront assessment programs,
- Federal cost sharing, and
- State cost sharing.

A Financial Plan will be prepared reviewing possible funding sources, the recommended alternative(s), and the implementation procedures to adopt. PBS&J will assist the City throughout the entire process to ensure that the financial structure is properly adopted. Presentations will be given to City Council, East Naples Bay Special Taxing District Advisory Committee and public to review the Plan.

Task 7. Bidding Services

Following adoption of a preferred funding program to support dredging, construction documents will be prepared. Documents will include construction plans and bid items necessary for contractors. PBS&J shall prepare all technical specifications to support the bid process, oversee the submittals, and make a recommendation to the City.

Once a construction contract has been approved, PBS&J will proceed with construction phase services that include: pre-dredge surveys, pre-construction meeting(s), construction monitoring, permit compliance, on-site representation, construction oversight, payment authorization, disposal site monitoring and post construction monitoring as require by permit.

Detailed drawings will be prepared at 1 inch = 100 feet and will serve as the basis for the contract drawings in the final package sent to prospective bidders. Drawings will include the waterway bathymetry and contour charts, cut sections, cross-sections, and the construction pipeline access corridor(s). Submittals will be provided to the Regulatory Agencies for review and comment. PBS&J shall revise any changes promptly and shall furnish the final drawings for approval prior to reproduction of copies suitable for distribution to prospective bidders.

Final cost estimates will be included as well as a bid form, which will include a detailed estimate of the quantities and work to be performed. Components of the Contract Documents that will be provided include the following:

- Technical Specifications
- Appendix Information (Permits, aerial photography, sediment documents, and any other relevant information).

PBS&J will coordinate the bid advertisement with the City to determine an appropriate date for a Pre-Bid Conference. PBS&J will prepare for and attend the Conference, and answer prospective Contractor inquiries or transcribe Contractor inquiries for subsequent research and response to all Conference attendees as appropriate.

During the bidding period, PBS&J shall communicate frequently with City staff regarding receipt of prospective Contractor written inquiries seeking interpretation of the Contract Documents. Should PBS&J and the City receive such information within the

stipulated time in advance of the advertised bid opening date, we will assist the City with preparation of bid addenda as appropriate by providing technical response to items. Such items include changes that may be warranted to the contract drawings, technical and supplemental general conditions or other construction-related issues as appropriate.

PBS&J will obtain copies of sealed bids from the City and shall review them for accuracy, completeness and contractor qualifications. PBS&J will evaluate and provide a written recommendation for award to the City based on a review of the submitted bids.

Task 8. Meetings, Project Coordination and Management

PBS&J will prepare for, travel to and attend sixteen (16) meetings in addition to any presented in the above scope. The meetings will be held to coordinate the project, meet with City staff, accompany local residents on a site visit and to provide project updates to the City Project Manager and other stakeholder representatives as deemed necessary and appropriate. One PBS&J senior engineer will attend each of these meetings, again as deemed appropriate.

PBS&J will complete monthly updates to City staff on the schedule, task and present budget of the project. In addition, quarterly progress reports will be prepared that outline project expenses to date and review the budget and schedule.

Task 9. Contract Management

To ensure timely and cost-effective completion of this contract, PBS&J will maintain rigid cost and scheduling controls on all work performed in association with the contract and will adhere to the project timeline. PBS&J will coordinate sub-consultant contracts to establish deliverables, schedule and invoicing procedures to meet the City's requirements for payment. The following sub-consultants have been identified to provide services to PBS&J in conjunction with this project:

Morgan and Eklund Surveying & Mapping, Inc.
8745 U.S. Highway 1
P.O. Box 1420
Wabasso, FL 32970
Contact: John Morgan, Phone: (772) 388-5364

U.S. Biosystems
Testing Laboratory Services
3231 N.W. 7th Avenue
Boca Raton, FL 33431
Contact: Ronda Moll, Phone: (888) 862-5227

Ardaman & Associates, Inc.
3925 Coconut Palm Drive, Suite 115
Tampa, FL 33619

Supplemental Task

If determined necessary, rock core borings may be performed in order to obtain additional information regarding the characteristics of the submerged rock within the project area. This task may be executed upon completion and review of the initial field operations. This task will only be implemented upon approval of the *East Naples Bay Special Taxing District Advisory Committee*.

Rock Core Boring Investigation

A total of fifteen (10) rock core borings will be taken throughout the project area. These borings are being completed to identify the characteristics of rock existing in the project area. This investigation will also provide information regarding the thickness and volume of rock that is to be removed. The location of cores will be optimized based on water depth, anticipated core lengths necessary for logging, known areas of concern, sampling and archival, and apparent material composition. Should the acquisition of cores become difficult based on depth of penetration, rock recovery, density of rock encountered, etc., modifications to these locations will be made in the field. Efforts will be made to keep the spacing as close as possible to the original plan.

It is assumed that cores will be collected during five field days and approximately two cores will be recovered per day. The coring effort entails positioning a vessel over a previously-determined coordinate. Once in position, the coring system utilizes a barge outfitted with a drilling core rig. The coring system is deployed into the rock while performing standard penetration testing in accordance with ASTM D-1586 and then retrieved. GPS positioning of the core sample is recorded along with record of the barrel penetration into the rock. The procedure is then repeated following removal of the rock sample. Physical classification of the sample with split tensile testing for rock cores is completed in accordance with ASTM D-3967.

A.2. DESIGN REPORT.

A.2.1. Consult with OWNER to clarify and define OWNER's requirements for the PROJECT and review available data.

A.2.2. Advise OWNER as to the necessity of OWNER obtaining from CONSULTANT, Additional Services described in Article Two of this Agreement, such as, but not limited to probings, subsurface explorations, special permits, or other similar investigations.

A.2.3. Prepare a Design Report containing schematic layouts, sketches and conceptual design criteria with appropriate exhibits to indicate clearly the considerations involved (including applicable requirements of all governmental authorities having jurisdiction over the project), and any alternative designs available to OWNER and setting forth CONSULTANT's findings and recommendations. The Design Report also shall contain CONSULTANT's professional evaluation of OWNER's Project budget. Said evaluation shall contain CONSULTANT'S initial professional opinions of probable total costs for the Project, including construction costs, contingencies, and allowances for charges of all professionals and consultants. The Design Report also shall present CONSULTANT's recommendations as to how the construction contract(s) should be let out for bid.

A.2.4. Furnish five (5) copies of the Design Report, schedule and conduct a meeting with OWNER to present the Design Report for OWNER's review and approval.

A.3. PRELIMINARY DESIGN.

A.3.1. Prepare in a format acceptable to OWNER, all preliminary Contract Documents, including but not limited to all designs, drawings, special conditions, general conditions, supplemental conditions, specifications and bid and Agreement forms, necessary for construction of the Project.

A.3.2. Keep OWNER informed as to the status of the project design through no less than monthly meetings at the OWNER's offices.

A.3.3. Upon completion and submission to OWNER of the preliminary design for Project, provide to OWNER five (5) copies of the preliminary Contract Documents and CONSULTANT'S professional preliminary opinions of probable total Project and construction costs for review and approval by OWNER. The improvements for which services are to be rendered under this Agreement shall include the Project as described in the description in paragraph A.1.1. of this Exhibit A.

A.4. FINAL DESIGN.

A.4.1. Provide OWNER with proposed final construction drawings and detailed opinions of probable total Project construction costs in writing for OWNER's review, prior to completion of the final Contract Documents, so that any changes that may be necessary in accordance with Project's budgetary schedule can be made prior to bid.

A.4.2. Upon OWNER's approval of detailed opinions of probable total Project and construction costs, provide to OWNER, for its review and approval, five (5) copies of final Contract Documents.

A.5. CONSTRUCTION BID SERVICES.

A.5.1. CONSULTANT shall assist in securing bids and:

- (a) provide interpretation and clarification of Contract Documents during bidding;
- (b) coordinate bid process with City of Naples Purchasing Department including advertisements, publications, Contract Document sales and receipt of bids;
- (c) distribute Contract Documents during bidding phase to prospective bidders;
- (d) maintain record of prospective bidders to whom bidding documents have been distributed;
- (e) organize and conduct pre-bid meeting with prospective bidders;
- (f) attend the bid opening, prepare bid tabulation sheets and assist OWNER in evaluating bids or proposals and in assembling and awarding contracts for construction, materials, equipment and services;
- (g) assist OWNER in evaluating bidder's previous experience, if necessary;

- (h) prepare and issue addenda as appropriate to interpret or clarify Contract Documents;
- (i) provide OWNER with a recommendation as to the acceptability of subcontractors, suppliers and other persons and organizations proposed by the bidders for those portions of the work as to which such acceptability is required by the Contract Documents;
- (j) provide OWNER with recommendation concerning the acceptability of substitute materials and equipment proposed by bidder(s) when substitution prior to the award of contracts is allowed by the Contract Documents; and,
- (k) make a recommendation of contract award.

A.6. CONSTRUCTION CONTRACT ADMINISTRATION.

A.6.1. Consult with the OWNER and contractors as reasonably required and necessary with regard to construction of the Project, including but not limited to pre-construction conference and monthly coordination meeting with OWNER and contractor.

A.6.2. Review materials and workmanship of the Project and report to OWNER any deviations from the Contract Documents which may come to the CONSULTANT's attention; determine the acceptability of work and materials and make recommendation to OWNER to reject items not meeting the requirements of the Contract Documents.

A.6.3. Recommend to the OWNER in writing that the work, or designated portions thereof, be stopped if, in CONSULTANT's judgment, such action is necessary to allow proper inspection, avoid irreparable damage to the work, or avoid subsequent rejection of work which could not be readily replaced or restored to an acceptable condition. Such stoppage to be only for a period reasonably necessary for the determination of whether or not the work will in fact comply with the requirements of the Contract Documents.

A.6.4. Require that any work which is covered up without being properly observed be uncovered for examination and restored at contractor's expense if deemed appropriate by the CONSULTANT.

A.6.5. Issue interpretations and clarifications of Contract Documents during construction, and evaluate requests for substitutions or deviations therefrom. Notify OWNER of any such requested deviations or substitutions and when reasonably necessary provide OWNER with a recommendation concerning same. Prepare work change orders as directed by OWNER.

A.6.6. Submit to OWNER, in a format acceptable to OWNER, **weekly** progress and status reports, including but not limited to manpower, amount of work performed and by whom, equipment, problems encountered, method to correct problems, errors, omissions, deviations from Contract Documents, and weather conditions.

A.6.7. Review shop drawings, diagrams, illustrations, catalog data, schedules and samples, the results of laboratory tests and inspections, and other data which contractors are required to submit for conformance with the design concept of the Project and compliance with the provisions of the Contract Documents.

A.6.8. Monitor all required Project records, including but not limited to delivery schedules, inventories and construction reports. Based upon the Project records, as well as CONSULTANT's observations at the site and evaluations of the data reflected in contractor's application for payment, CONSULTANT shall render a recommendation to OWNER concerning the amount owed to the contractor(s) and shall forward the contractor's application for such amount to OWNER. Such approval of the application for payment shall constitute a representation by CONSULTANT to OWNER, based on observations and evaluations, that:

- (a) the work has progressed to the point indicated;
- (b) the work is in substantial accordance with the Contract Documents; and
- (c) the contractor(s) is (are) entitled to payment in the recommended amount.

A.6.9. Receive and review all items to be delivered by the contractor(s) pursuant to the Contract Documents, including but not limited to all maintenance and operating instructions, schedules, guarantees, warranties, bonds and certificates of inspection, tests and approvals. CONSULTANT shall transmit all such deliverables to OWNER with CONSULTANT's written comments and recommendations concerning their completeness under the Contract Documents.

A.6.10. Negotiate with the contractor(s), the scope and cost of any necessary contract change orders, using as a basis for such negotiations data or

other information emanating from the Contract Documents, including but not limited to the bid sheet, technical specifications, plans, shop drawings, material specifications, and proposed material and labor costs. Prepare, recommend and submit for OWNER'S approval such change orders.

A.6.11. Upon receiving notice from the contractor advising CONSULTANT that the Project is substantially complete, CONSULTANT, shall schedule and, in conjunction with OWNER, conduct a comprehensive inspection of the Project, develop a list of items needing completion or correction, forward said list to the contractor and provide written recommendations to OWNER concerning the acceptability of work done and the use of the Project. For the purposes of this provision, substantial completion shall be deemed to be the stage in construction of the Project where the Project can be utilized for the purposes for which it was intended, and where minor items need not be fully completed, but all items that affect the operational integrity and function of the Project are capable of continuous use.

A.6.12. Perform final inspection in conjunction with OWNER, and assist OWNER in closing out construction contract, including but not limited to, providing recommendations concerning acceptance of Project and preparing all necessary documents, including but not limited to, lien waivers, contractor's final affidavit, close-out change orders, and final payment application.

A.6.13. Prepare and submit to OWNER upon completion of construction of the Project, five (5) sets of record drawings and one (1) set of reproducible record drawing mylars of the work constructed, including those changes made during the construction process, using information supplied by the contractors and other data which can reasonably be verified by CONSULTANT's personnel.

A.6.14. Prepare and submit to OWNER upon completion of construction of Project a final report of variations from the construction Contract Documents, including reasons for the variations.

A.7. DETAILED OBSERVATION OF CONSTRUCTION.

A.7.1. Construction work shall be done under the full-time observation of at least one representative of CONSULTANT; or by such additional representatives of the CONSULTANT as may be necessary for observing the construction of the Project, as may be authorized and approved by the OWNER.

A.7.2. During detailed observation of construction CONSULTANT shall act to protect OWNER's interests in Project and:

- (a) take 3 x 5 color 35 mm photographs of important aspects of the Project, including by way of example and not limitation, all [Insert sample picture which are important construction aspects] for future reference, process and submit same together with corresponding negatives on a continuous basis to OWNER; such pictures to be properly categorized and identified as to date, time, location, direction and photographer, with subsequent notations on drawings;
- (b) maintain appropriate field notes from which record drawings can be generated;
- (c) maintain appropriate field records to document any and all disputes or claims, whether actual or potential with respect to construction of the Project; and
- (d) observe operation or performance testing and report findings to OWNER and contractor.

END OF EXHIBIT A

EXHIBIT B
BASIS OF COMPENSATION

B.1.1. As consideration for providing Basic Services as set forth herein in Exhibit A, OWNER agrees to pay, and CONSULTANT agrees to accept, the lump sum fees as shown on Attachment A entitled "Schedule Fees for Basic Services".

B.1.2. Payment For Basic Services under Exhibit A shall be paid on a lump sum basis in accordance with set milestones as follows:

- (a) the A.2 milestone shall be the submittal to OWNER of the Design Report and CONSULTANT'S initial professional opinions of probable total Project and construction costs.
- (b) the A.3 milestone shall be the submittal to OWNER of the preliminary Contract Documents and CONSULTANT'S preliminary opinions of probable total Project and construction costs.
- (c) the A.4 milestone shall be the submittal to the OWNER of the final Contract Documents after OWNER'S approval of detailed opinions of probable total Project and construction costs.
- (d) the A.5 milestone shall be the award of bids by OWNER.
- (e) the A.6 milestone shall be the close-out of construction contract, final inspection and submittal of record drawings and final report of variations from the construction Contract Documents.

[Paragraphs B.1.3. is optional and may be used to accommodate the CONSULTANT'S cash flow needs.]

B.1.3. Payment for Basic Services under Parts A.3, A.4 and A.6 of Exhibit A shall be paid on a lump sum fee basis in equal monthly installments as follows:

- (a) payment for Basic Services under Part A.3 shall be paid monthly based upon the preliminary design time plus one month, the last payment to be twice the others (i.e. a 6-month design time will yield 6 monthly payments; the first 5 of which will be equal to one-seventh (1/7) the fee shown on Attachment A for Part A.3. Preliminary Design). However, payments shall commence no sooner than thirty (30) days after submittal of the Design Report and shall occur no more often than monthly, except last payment due for the services provided under Part A.3 (i.e. twice the previous monthly payments) shall not be made until submittal to OWNER of the preliminary Contract Documents under Part A.3.
- (b) payment for Basic Services under Part A.4 shall be paid monthly based upon the final design time plus one month, the last payment to be twice the others (i.e. a 6-month design time will yield 6 monthly payments; the first 5 of which will be equal to one-seventh (1/7) the fee shown on Attachment A for Part A.4. Final Design). However, payments shall commence no sooner than thirty (30) days after approval and acceptance by OWNER of the Preliminary Contract Documents and shall occur no more often than monthly, except last payment due for the services provided under Part A.4. (i.e. twice the previous monthly payments) shall not be made until approval and acceptance by OWNER of the preliminary Contract Documents under Part A.4.
- (c) payment for Basic Services under Part A.6 shall be paid on a monthly basis based upon the construction time plus three months, the last payment to be twice the others (i.e. a 7-month construction schedule will yield 10 monthly payments; the first 9 of which will be equal to one-eleventh (1/11) the fee shown on Attachment A for Part A.6 Construction Contract Administration). However, payment shall commence no sooner than thirty (30) days after the Notice to Proceed to the contractor and shall occur no more often than monthly, except the last payment due for the services provided under Part A.6 (i.e. twice the previous monthly payments) shall not be made until the close-out of construction contract, final inspection and submittal of record drawings and final report of variations from the construction Contract Documents under Part A.6. Services in excess of the fee shown on Attachment A for Part A.6 Construction Contract Administration not due to delay caused by CONSULTANT shall be considered Additional Services.

B.2.1. As consideration for providing Basic Services under Part A.7 entitled "Detailed Observation of Construction" and for properly approved Additional Services set forth in Article Two of this Agreement as estimated on Attachment C entitled "Consultant's Estimate of Additional Services", OWNER agrees to pay and CONSULTANT agrees to accept payment on a time and reimbursable cost basis. Payments for Part A.7 services and properly approved Additional Services shall be made monthly on a time and reimbursable cost basis computed in accordance with either Attachment B entitled "Consultant's Employee Hourly Rate Schedule" for employees working under this Agreement or Attachment C entitled "Consultant's Estimate of Additional Services". Payment shall be made monthly on an as needed basis, not to exceed 40 hours per person per week. Payment for services performed by individuals beyond 40 hours per week or Saturdays, Sundays or holidays, shall be increased by a factor

of 1.5 applied to Attachment B provided such overtime work is approved by OWNER in advance whenever possible and not due to CONSULTANT'S own fault or neglect.

B.2.2. Reimbursable costs shall mean the actual expenditures made by the CONSULTANT while providing Basic Services under Part A.7 or Additional Services, in the interest of the Project, listed in the following sub-paragraphs:

- (a) expenses for transportation and subsistence incidental to out-of-town travel required by CONSULTANT and directed by OWNER, other than visits to the Project Site or OWNER's office;
- (b) expenses for preparation, reproduction, photographic production techniques, postage and handling of drawings, specifications, bidding documents and similar Project-related items in addition to those otherwise required in Parts A.2, A.3, A.4, A.5 and A.6 of Basic Services;
- (c) when authorized in advance by OWNER, except as specifically otherwise provided herein, the expense of overtime work requiring higher than regular rates; and
- (d) expenses for renderings, models and mock-ups requested by OWNER.

B.2.3. By way of example and not limitation, reimbursable costs shall specifically not include expenditures, except as otherwise described in paragraph B.2.2, such as:

- (a) expenses for transportation and subsistence;
- (b) overhead, including field office facilities;
- (c) overtime not authorized by OWNER; or
- (d) expenses for copies, reproductions, postage, handling, express delivery, and long distance communications.

B.3.1. In no case shall the lump sum figures on Attachment A be exceeded without a change in the scope of the project being approved by the City Council for the City of Naples.

B.3.2. Detailed Construction Observation work performed under Part A.7. and Additional Services, shall be paid as substantiated to the limits shown in Attachment C, but not to exceed the sum of those figures without execution of an appropriate Agreement amendment.

B.3.3. Payments will be made for services rendered, no more than on a monthly basis, within thirty (30) days of submittal of an approvable invoice. The number of the purchase order by which authority the services have been made, shall appear on all invoices. All invoices shall be reasonably substantiated, identify the services rendered and must be submitted in triplicate in a form and manner required by OWNER.

B.3.4. CONSULTANT acknowledges that Attachment A - Schedule of Fees for Basic Services, Attachment B - Consultant's Employee Hourly Rate Schedule, and Attachment C - Consultant's Estimate of Additional Services, each attached to this Exhibit B are incorporated herein and, will be the basis for OWNER's budgeting, authorizing and monitoring of expenditures under this Agreement.

B.3.5. As compensation for coordinating subconsultant activities for OWNER, CONSULTANT shall be allowed an administrative fee not to exceed ten percent (10%) of the actual cost of services rendered under Part A.7 and Additional Services. For the purposes of this provision the actual cost of services rendered shall not include any mark-up between the vendor who actually performed the services and any sub-consultant. No administrative fee or mark-up shall be paid in conjunction with the provision of Basic Services as set forth in Parts A.2, A.3, A.4, A.5 and A.6 of Exhibit A.

END OF EXHIBIT B.

EXHIBIT B - ATTACHMENT A
SCHEDULE OF FEES FOR BASIC SERVICES

Budget Estimate

Task 1.....	\$10,740
Task 2.....	\$8,980
Task 3.....	\$149,600
Task 4.....	\$44,480
Task 5.....	\$44,560
Task 6.....	\$30,640
Task 7.....	\$32,240
Task 8.....	\$42,080
Task 9.....	\$8,960
Task Total	\$372,280
10% Contingency.....	<u>\$37,228</u>
Total	<u>\$409,508</u>
Supplemental Task.....	<u>\$50,600</u>
Grand Total	<u>\$460,108</u>

AN AMOUNT NOT-TO-EXCEED \$460,108.00

EXHIBIT B - ATTACHMENT B
CONSULTANT'S EMPLOYEE HOURLY RATE SCHEDULE



**EXHIBIT
HOURLY RATE SCHEDULE
City of Naples
East Naples Bay Dredging Project
Project Number 041-06**

Classification	Fee Rate/Hour
Principal	\$170
Senior Project Manager	\$165
Project Manager	\$140
Sr. Engineer IV	\$130
Sr. Env. Scientist IV	\$130
Sr. Planner	\$130
Surveyor	\$125
Sr. Designer	\$120
Planner	\$115
Sr. Field Representative	\$100
Sr. Landscape Architect	\$100
Sr. Scientist	\$100
Sr. Engineer II	\$100
GIS Analyst	\$100
Engineer II	\$75
Archeologist	\$75
Scientist	\$75
CADD Operator	\$65
Landscape Architect	\$65
Graphics Technician	\$65
Field Representative	\$65
Engineer I	\$60
Administration	\$50
Engineering Intern	\$45

The above hourly rates include direct expenses for copies, reproductions, local travel, shipping, communications, and computer charges. No separate charge will be made for these items.

Hourly rates for additional positions shall be negotiated as required.

The project will be invoiced based on a lump sum basis (with a not to exceed amount of \$460,108) and the hourly rates provided are for reference purposes. Invoicing will be based on percent complete of each task outlined in the scope of work.

EXHIBIT B - ATTACHMENT C
CONSULTANT'S ESTIMATE OF ADDITIONAL SERVICES
(INCLUDING DETAILED OBSERVATION OF CONSTRUCTION)

[reduce schedule to be provided by CONSULTANT and place it here]

EXHIBIT C
PROJECT SCHEDULE

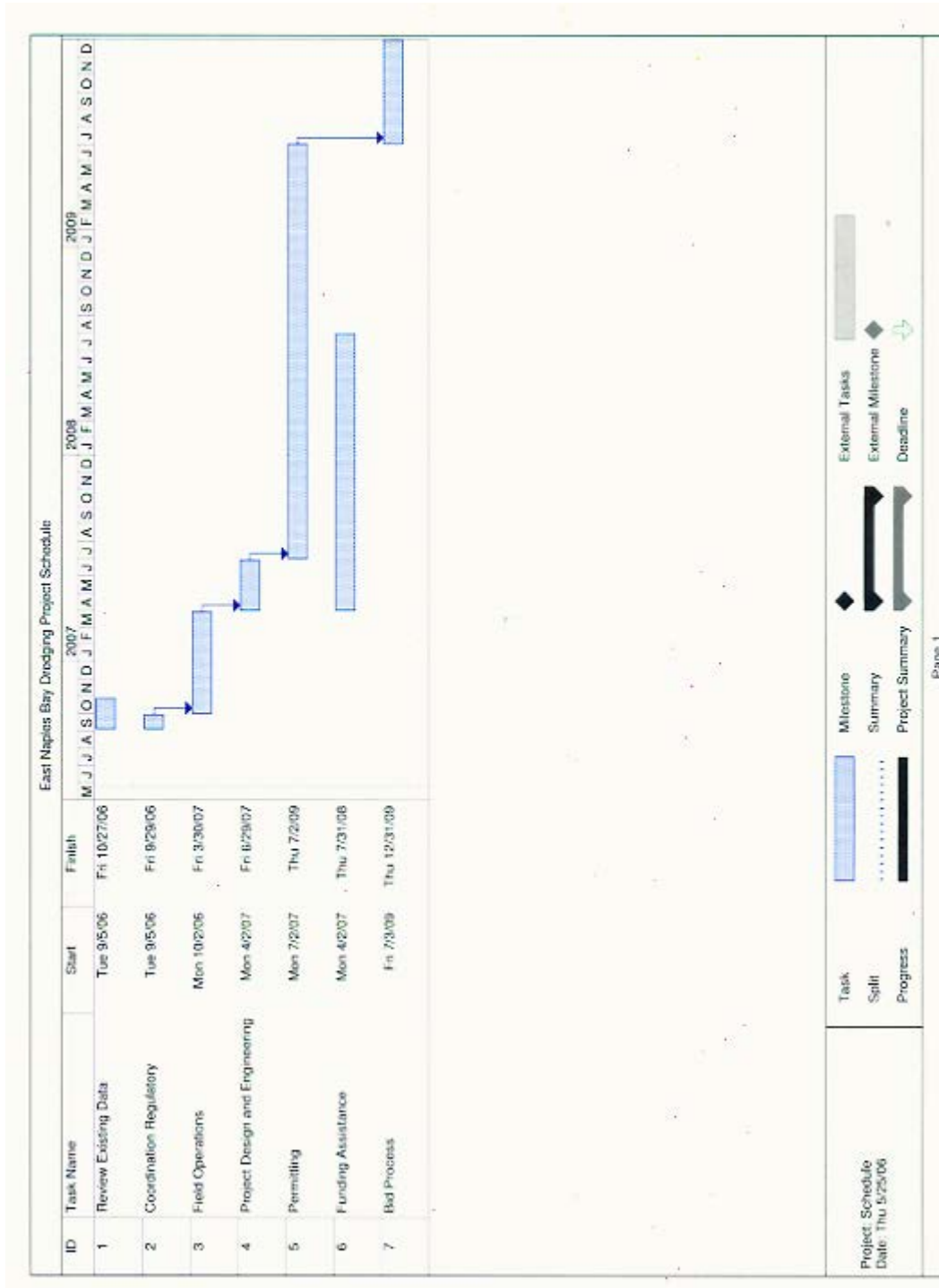


EXHIBIT D
INSURANCE COVERAGE

(1) The amounts and types of insurance coverage shall conform to the following minimum requirements with the use of Insurance Services Office (ISO) forms and endorsements or their equivalents.

(2) The insurance required by this Agreement shall be written for not less than the limits specified herein or required by law, whichever is greater.

(3) Coverages shall be maintained without interruption from the date of commencement of the work until the date of completion and acceptance of the Project by the Owner or as specified in this Agreement, whichever is longer.

(4) Certificates of insurance (3 copies) acceptable to the Owner shall be filed with the Owner within ten (10) calendar days after Notice of Award is received by Contractor/Consultant/Professional. Such certificates shall contain a provision that coverages afforded under the policies will not be canceled or allowed to expire until at least thirty (30) days prior written notice has been given to the Owner.

(5) All insurance coverages of the Contractor/Consultant/Professional shall be primary to any insurance or self insurance program carried by the Owner applicable to this Project.

(6) The acceptance by Owner of any Certificate of Insurance does not constitute approval or agreement by the Owner that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate of Insurance is in compliance with the requirements of this Agreement.

(7) Contractor/Consultant/Professional shall require each of its subcontractors to procure and maintain, until the completion of the subcontractor's work, insurance of the types and to the limits specified in this Section unless such insurance requirements for the subcontractor are expressly waived in writing by the Owner.

(8) Should at any time the Contractor/Consultant/Professional not maintain the insurance coverages required herein, the Owner may terminate the Agreement or at its sole discretion shall be authorized to purchase such coverages and charge the Contractor for such coverages purchased. The Owner shall be under no obligation to purchase such insurance, nor shall it be responsible for the coverages purchased or the insurance company or companies used. The decision of the Owner to purchase such insurance coverages shall in no way be construed to be a waiver of any of its rights under the Contract Documents.

(9) If the initial, or any subsequently issued Certificate of Insurance expires prior to the completion of the Work or termination of the Agreement, the Consultant shall furnish to the City of Naples, in triplicate, renewal or replacement Certificate(s) of Insurance not later than thirty (30) calendar days prior to the date of their expiration. Failure of the Contractor to provide the City of Naples with such renewal certificate(s) shall be considered justification for the City of Naples to terminate the Agreement.

WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY

Required by this Agreement? (check one) Yes No

(1) Workers' Compensation and Employers' Liability Insurance shall be maintained by the Contractor/Consultant/Professional during the term of this Agreement for all employees engaged in the work under this Agreement in accordance with the laws of the State of Florida. The amounts of such insurance shall not be less than:

- a. Worker's Compensation - Florida Statutory Requirements
- b. Employers' Liability (check one)

\$100,000 Each Accident
\$500,000 Disease Aggregate
\$100,000 Disease Each Employee

\$1,000,000 Each Accident
\$1,000,000 Disease Aggregate
\$1,000,000 Disease Each Employee

(2) The insurance company shall waive its Rights of Subrogation against the Owner and the policy shall be so endorsed.

(3) United States Longshoreman's and Harborworker's Act coverage shall be maintained where applicable to the completion of the work. (check one)

Applicable Not Applicable

(4) Maritime Coverage (Jones Act) shall be maintained where applicable to the completion of the work. (check one)

Applicable Not Applicable

COMMERCIAL GENERAL LIABILITY

Required by this Agreement? (check one) Yes No

(1) Commercial General Liability Insurance shall be maintained by the Contractor/Consultant/Professional. Coverage will include, but not be limited to, Bodily Injury, Property Damage, Personal Injury, Contractual Liability for this Agreement, Independent Contractors, Broad Form Property Damage including Completed Operations and Products and Completed Operations Coverage. Products and Completed Operations coverage shall be maintained for a period of not less than five (5) years following the completion and acceptance by the Owner of the work under this Agreement. Limits of Liability shall not be less than the following: (check one)

<input type="checkbox"/> General Aggregate	\$300,000
Products/Completed Operations Aggregate	\$300,000
Personal and Advertising Injury	\$300,000
Each Occurrence	\$300,000
Fire Damage	\$ 50,000

<input type="checkbox"/> General Aggregate	\$500,000
Products/Completed Operations Aggregate	\$500,000
Personal and Advertising Injury	\$500,000
Each Occurrence	\$500,000
Fire Damage	\$ 50,000

<input checked="" type="checkbox"/> General Aggregate	\$1,000,000
Products/Completed Operations Aggregate	\$1,000,000
Personal and Advertising Injury	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage	\$ 50,000

(2) The General Aggregate Limit shall apply separately to this Project and the policy shall be endorsed using the following endorsement wording. "This endorsement modifies insurance provided under the following: Commercial General Liability Coverage Part. The General Aggregate Limit under LIMITS OF INSURANCE applies separately to each of your projects away from premises owned by or rented to you."

(3) If the General Liability insurance required herein is issued or renewed on a "claims made" basis, as opposed to the "occurrence" form, the retroactive date for coverage shall be no later than the commencement date of the Project and shall provide that in the event of cancellation or non-renewal the Extended Reporting Period (Discovery Period) for claims shall be no less than three (3) years.

(4) The Owner shall be named as an Additional Insured and the policy shall be endorsed that such coverage shall be primary to any similar coverage carried by the Owner.

(5) Coverage shall be included for explosion, collapse or underground property damage claims.

(6) Watercraft Liability coverage shall be carried at the limits shown above if applicable to the completion of the work under this Agreement. (check one)

Applicable Not Applicable

(7) Aircraft Liability coverage shall be carried at limits of \$2,000,000 each occurrence if applicable to the completion of the work under this Agreement. (check one)

Applicable Not Applicable

PROPERTY INSURANCE - BUILDERS RISK

(1) Property Insurance - Builders Risk coverage shall be carried by the Owner if applicable. (check one)

Applicable Not Applicable

(2) The Owner shall purchase and maintain in a company or companies lawfully authorized to do business in the State of Florida, in the City of Naples, and in Collier County, property insurance in the amount of the initial Contract Sum as well as subsequent modifications thereto for the entire Work at the site on a replacement cost basis without voluntary deductibles. Such property insurance shall be maintained, unless otherwise provided in the Contract Documents or otherwise agreed in writing by all persons and entities who are beneficiaries of such insurance, until final payment has been made or until no person or entity other than the Owner has an insurable interest in the property required to be covered, whichever is earlier. This insurance shall include interests of the Owner, the Contractor, Subcontractors, Sub-subcontractors and Material Suppliers in the Work.

(3) Property insurance shall be on an all-risk policy form and shall insure against the perils of fire and extended coverage and physical loss or damage including, without duplication of coverage, theft, wind and hail, vandalism, malicious mischief, collapse, falsework, temporary buildings and debris removal including demolition occasioned by enforcement of any applicable legal requirements, and, at the Owner's

option, shall cover reasonable compensation for Professional's services and expenses required as a result of such insured loss. At the Owner's option, flood insurance will also be purchased.

(4) The property insurance provided by the Owner requires minimum deductibles and the Contractor shall pay costs not covered by the deductibles. The responsibility of the Contractor for any deductible associated with the all-risk policy described above shall be limited to a maximum of \$1,000 for each occurrence unless higher deductibles are identified in Exhibit C of the Contract Documents. The responsibility of the Contractor for any deductible associated with the flood insurance identified herein, if purchased by the Owner, shall be limited to a maximum of \$1,000 for each occurrence unless higher deductibles are identified in Exhibit C of the Contract Documents.

(5) This property insurance shall cover portions of the Work stored off the site after written approval of the Owner at the value established in the approval, and also portions of the Work in transit.

(6) Boiler and Machinery Insurance. The Owner shall have the option of purchasing and maintaining boiler and machinery insurance required by the Contract Documents or by law, which shall specifically cover such insured objects during installation and until final acceptance by the Owner. If purchased this insurance shall include interests of the Owner, Contractor, Subcontractors and Sub-subcontractors in the Work.

(7) Waivers of Subrogation. The Owner and Contractor waive all rights against (1) each other and any of their subcontractors, sub-subcontractors, agents and employees, each of the other, and (2) the Professional, Professional's consultants, for damages caused by fire or other perils to the extent covered by property insurance obtained pursuant to this or other property insurance applicable to the Work, except such rights as they have to proceeds of such insurance held by the Owner as fiduciary. The policies shall provide waivers of subrogation by endorsement or otherwise.

(8) A loss insured under Owner's property insurance shall be adjusted by the Owner as fiduciary and made payable to the Owner as fiduciary for the insureds, as their interests may appear.

(9) If Builders Risk coverage is applicable the Contractor shall be responsible for the following maximum deductibles per occurrence per paragraph (3) above. (check one)

All Risk Policy - \$1,000 maximum deductible

All Risk Policy - Maximum deductible of \$ _____

Flood Policy - \$1,000 maximum deductible

Flood Policy - Maximum deductible of \$ _____

AUTOMOBILE LIABILITY INSURANCE

Required by this Agreement? (check one) Yes No

(1) Automobile Liability Insurance shall be maintained by the Contractor/Consultant/Professional for the ownership, maintenance or use of any owned, non-owned or hired vehicle with limits of not less than: (check one)

Bodily Injury & Property Damage - \$ 500,000

Bodily Injury & Property Damage - \$1,000,000

(2) The Owner shall be named as an Additional Insured under the policy.

UMBRELLA LIABILITY

(1) Umbrella Liability may be maintained as part of the liability insurance of the Contractor/Consultant/Professional and, if so, such policy shall be excess of the Employers' Liability, Commercial General Liability and Automobile Liability coverages required herein and shall include all coverages on a "following form" basis.

(2) The policy shall contain wording to the effect that, in the event of the exhaustion of any underlying limit due to the payment of claims, the Umbrella policy will "drop down" to apply as primary insurance.

(3) The General Aggregate limit, if applicable, shall apply separately to this project and the policy shall be so endorsed.

PROFESSIONAL LIABILITY INSURANCE

Required by this Agreement? (check one) Yes No

(1) Professional Liability Insurance shall be maintained by the Consultant to insure its legal liability for claims arising out of the performance of professional services under this Agreement. Such insurance shall have limits of not less than: (CHECK ONE)

\$ 500,000 each claim and in the aggregate

\$1,000,000 each claim and in the aggregate

\$2,000,000 each claim and in the aggregate

\$_____ each claim and in the aggregate

(2) Any deductible applicable to any claim shall be the sole responsibility of the Consultant and shall not be greater than \$50,000 each claim.

(3) The Consultant shall continue this coverage for this Project for a period of not less than five (5) years following completion and acceptance of the Project by the Owner.

END OF EXHIBIT D.

EXHIBIT E

TRUTH IN NEGOTIATION CERTIFICATE

In compliance with the Consultants' Competitive Negotiation Act, Section 287.055, Florida Statutes, PBS and J, an engineering firm, from Miami, Florida hereby certifies that wages, rates and other factual unit costs supporting the compensation for the **engineering** services of the CONSULTANT to be provided under the Professional Services Agreement, concerning **Engineering and Permitting Services for the Dredging of East Naples Bay** are accurate, complete and current as of the time of contracting.

NAME OF CONSULTANT
PBS and J

By:
Printed Name:
Title: