

TOWN OF GOLDEN BEACH, FLORIDA

RESOLUTION NO. 1969.08

A RESOLUTION OF THE TOWN OF GOLDEN BEACH, FLORIDA, WAIVING COMPETITIVE BIDDING; APPROVING PROFESSIONAL SERVICES AGREEMENTS FOR ENGINEERING SERVICES FOR BRIDGE-RELATED SERVICES BETWEEN THE TOWN AND CORZO, CASTELLA, CARBALLO, THOMPSON, SALMAN, P.A., PROVIDING FOR IMPLEMENTATION OF AGREEMENTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the condition of the Town's Center Island Bridge and Navona Avenue Bridge are deteriorating and require immediate reconstruction; and

WHEREAS, the availability of funds and/or grants from certain governmental agencies in connection with such reconstruction is contingent upon immediate Town Council action; and

WHEREAS, the public health, safety, and welfare would be best served by immediate repair of the Town's Center Island Bridge and Navona Avenue Bridge; and

WHEREAS, the exigency with which such repairs are necessary was unexpected; and

WHEREAS, the Town Council believes this to be a valid public emergency; and

WHEREAS, pursuant to Section 2-275 of the Town's Code of Ordinances, the Town Council finds that it is in the best interest of the Town to waive the bid procedures set forth in the Town Code of Ordinances to protect the health, safety and welfare of the community, and that insufficient time exists to complete the normal bid processes; and

WHEREAS, the Town desires to engage Corzo, Castella, Carballo, Thompson, Salman, P.A. ("CONSULTANT") to provide certain engineering and project planning

services in connection with the reconstruction of the Center Island Bridge and Navona Avenue Bridge; and

WHEREAS, the Town finds that it is in the best interest of the Town to engage Corzo, Castella, Carballo, Thompson, Salman, P.A. ("CONSULTANT") to provide certain engineering and project planning services within the scope of services set forth in the Work Orders for Professional Services attached hereto as Exhibit "A" (the "Agreements"); and

WHEREAS, the CONSULTANT is willing and able to perform such professional services for the Town within the terms and conditions set forth in the Agreements; and

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COUNCIL OF THE TOWN OF GOLDEN BEACH, FLORIDA, AS FOLLOWS:

Section 1. Recitals Adopted. That each of the above stated recitals is hereby adopted, confirmed and incorporated herein.

Section 2. Competitive Bidding Waived. That for the reasons set forth above, the Town Council hereby waives competitive bidding as set forth in Section 287.055, Florida Statutes, and in the Town Code of Ordinances.

Section 3. Agreements Approved. That the Agreements, in substantially the form attached hereto, between the Town and CONSULTANT are hereby approved, and the Mayor is hereby authorized to execute the Agreements, on behalf of the Town, once approved as to form and legal sufficiency by the Town Attorney.

Section 4. Implementation. That the Mayor and Town Manager are hereby authorized to take any and all action necessary to implement this Resolution and the

Agreements in accordance with the terms, conditions and purposes of this Resolution and the Agreements.

Section 5. Effective Date. That this Resolution shall be effective immediately upon adoption.

Sponsored by Town Administration.

The Motion to adopt the foregoing Resolution was offered by Vice Mayor Rojas, seconded by Councilmember Lusskin and on roll call the following vote ensued:

Mayor Glenn Singer	<u>Aye</u>
Vice Mayor Amy Rojas	<u>Aye</u>
Councilmember Bernard Einstein	<u>Aye</u>
Councilmember Judy Lusskin	<u>Aye</u>
Councilmember Ken Bernstein	<u>Aye</u>

PASSED AND ADOPTED by the Town Council of the Town of Golden Beach, Florida, this 2nd day of December, 2008.




MAYOR GLENN SINGER

ATTEST:

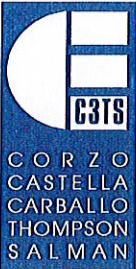


Elizabeth Sewell
TOWN CLERK

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:



STEPHEN J. HELFMAN
TOWN ATTORNEY



Engineers
Architects
Planners

EB0005022
AAC002142

WORK ORDER FOR PROFESSIONAL SERVICES

TO: Town of Golden Beach
1 Golden Beach Drive
Golden Beach, Florida 33160

Date: 11/26/08
File: 00734-00

ATTENTION: Mr. Alexander Diaz, Town Manager

PROJECT NAME: Bridge at Navona Avenue to North Island (Bridge No. 875702)
Geotechnical Testing, Design, Construction Documents, Permitting
and Post-Design Engineering Services
Town of Golden Beach, Florida

SCOPE OF PROJECT:

The existing bridge at Navona Avenue to North Island has been rated as deteriorated by FDOT. Given the nature of the deterioration and the aggressive environment of the bridge location (Very low level bridge in close proximity to water) and also the recent critical weight restriction on The Center Island Bridge, which is a very similar structure, it has been determined that the Town will seek funding for the replacement of this bridge structure and would like to fast track the design and construction of the proposed bridge replacement.

The bridge will be replaced with a new 2-span structure which will be constructed in phases to allow a minimum one-lane of traffic at all times for access to and from Center island. The new bridge configuration and aesthetic design elements (railings, lighting, pavers, etc.) will be similar to the recently completed Verona Avenue bridge to South Island. The section will consist of 11' lanes, 4' bike lines and sidewalks on each side.

The new bridge sub-structure will be founded on drilled shafts in order to minimize vibrations. The bridge super-structure will be composed of pre-stressed concrete slab units with a reinforced concrete deck. The subgrade at the bridge approaches will be extensively de-mucked and the soils stabilized in order to provide an adequate base for the bridge approach slabs. As part of this bridge project, the approach roadways will be reconstructed, as will the seawall bulkheads at each end of the bridge. The swales at each bridge approach will be landscaped.

The bridge reconstruction will require the relocation of the existing bridge-attached force main, watermain and gas main.

SCOPE OF SERVICES:

The general objective is for the CONSULTANT to provide design structural, roadway and geotechnical engineering under this contract. C3TS will provide Engineering Services in accordance with the following Scope of Work:

A. Kickoff and Progress Meetings

C3TS will conduct a Project Kickoff meeting at the beginning of the Project with the Town, sub consultants and other interested stakeholders. In addition C3TS will attend up to four (4)

additional progress/coordination meetings during the project design duration. C3TS will generate and distribute copies of minutes of said meetings. This task also includes initial contract file setup and maintenance throughout the Project.

B. Data Collection and Review

C3TS will conduct necessary data collection and review of existing bridge information on file with the Town of Golden Beach or on file with FDOT. In addition prior permits will be evaluated along with existing area utility and survey information.

C. Site Visits

C3TS will conduct site visits during the design phase of the project to ascertain existing conditions and support the plan development efforts.

D. Surveying Services

The Town has provided survey information for the roadway and utilities within the project area. C3TS will contract for supplemental survey data relating to existing deck elevations and canal soundings in support of the design. All other required data will be based off of the survey data provided by the Town.

E. Utility Coordination and Design of Utility Relocations

C3TS will conduct utility coordination for the relocation of bridge attached utilities as well as other utilities that may be affected by the proposed construction. In addition C3TS will design temporary re-routes and permanent supports for the bridge attached utilities. These will be permitted through the corresponding agencies.

F. Geotechnical/Material Services

As part of the design effort C3TS will retained the services of HR Engineering for geotechnical engineering investigation and support services in association with the replacement of the bridge Structure. These services will include material testing and geotechnical evaluation to support the bridge structure on Drilled Shafts, address the bulkhead replacement requirements, address the muck issues for the roadway approaches to the bridge and address environmental requirements for construction (soil and water corrosion series testing) material selection.

G. Engineering Structural Analysis and Report

C3TS will prepare any necessary final design analysis and computations in support of the development of the final bridge and roadway plans. All structural elements will be designed utilizing the FDOT Structures Design Guidelines and AASHTO LRFD Design Standards currently in place. In addition, as part of the design services a load rating will be performed at the completion of construction for transmission to the FDOT along with the final as-built bridge plans. This along with the record of construction will establish the baseline of the bridges structural integrity.

H. Roadway Plans

C3TS will develop the necessary roadway design and plans for the approaches to the bridge. These will include the design of the pavement structure, necessary details to address the approaches to the bridge. The plans will detail the transition of the bridge typical section to the existing roadway and associated drainage features due to the slightly wider roadway. The design plans will also reflect such features as traffic control, signing and pavement markings and erosion control as necessary to support the bridge replacement.

I. Bridge Plans

C3TS will prepare a set of Bridge Replacement Plans. The proposed system will be similar in nature to the project developed along Verona Avenue with the exception that the bridge width will be modified to fit the site constraints. An evaluation of the proposed sidewalk needs for the bridge site will be conducted and the final bridge typical section will be selected in coordination with the Town. The bridge design will include similar aesthetic treatments as provided on at the Verona Avenue bridge crossing.

J. Lighting Plans

C3TS will develop a set of bridge lighting plans utilizing decorative light features. The exact light fixture selection shall be coordinated with the Town. The lighting design will include all necessary photometric and electrical power distribution design.

K. Landscaping Plans

The approaches to the bridge site are heavily vegetated. C3TS will develop a set of landscaping plans reflecting vegetation to be relocated, removed and new plantings as needed.

L. Specification Package

C3TS will work with the Town to develop the necessary contract documents including technical specifications and special provisions for the project.

M. Public Involvement Services

All Public Involvement Services are to be handled by the Town. C3TS will support the Town by attending and participating in any public meeting required to address the area residents concerns.

N. Permitting

C3TS will coordinate permit applications with US Coast Guard and Miami-Dade DERM for Class I Coastal Construction Permit and prepare required exhibits to obtain permit approval. The coordination for the DERM Class I permit will include coordination with FDEP for verification of Sovereign Submerged Lands (TIFFT) documentation. Coordination with ACOE will also be done. These services do include limited environmental and/or biological studies required per the permit agencies. Coordination is assumed to be minimal with initial contact letters provided to the agencies with the assumption that waivers can be obtained.

Any cost associated with permits shall be paid by the Town directly.

O. Engineering Estimate and Bidding Assistance

As part of the design effort and based on historical unit prices for similar work in South Florida, an Engineers Estimate of Probable Construction Costs will be developed.

P. CONTINGENCY – ADDITIONAL SERVICES

A CONTINGENCY budget for additional services has not been established for this project.

Q. DATA TO BE PROVIDED BY CITY

The following data shall be provided by Town to C3TS for preparation of this proposal:

- o Copy of existing plans, latest bridge inspection reports, copy of past reports (if any) of previous work.
- o The Town will provide copies of any available CADD files indicating existing roadway geometry, bridge features, surveys, right-of-way maps, etc., which may be required for the development of plans

R. SERVICES TO BE PROVIDED BY TOWN

- o Review of draft deliverables and final reports, plans and specifications.
- o Attend progress meetings.
- o Receive complete permit packages and forward permit packages and all applicable fees to the appropriate agencies.
- o Payment of all applicable Permit Fees.
- o Preparation and execution of Public Involvement Program.

TERMS AND CONDITIONS:

Our fees for the above services shall be as per the following lump sum fee schedule:

Geotechnical Testing & Design	\$ 38,000
Engineering Design & Plans Preparation	\$246,000
Permitting	<u>\$ 15,000</u>
Total	\$299,000

The Town of Golden Beach will be responsible for any permit fees, and these are not included in the above fees. If need be, we can pay those fees and be reimbursed by the city at cost + 10%.

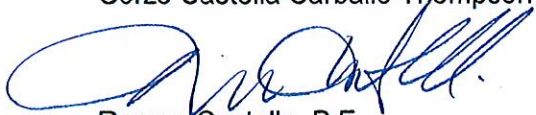
We are ready to begin working on this assignment upon your authorization to proceed. If acceptable to you, we will accept a signed copy of this form as your written authorization to proceed with the

W.O. Sunset Drive Improvement
(Western City Limits to US-1)
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assignment.

Thank you.


Corzo Castella Carballo Thompson Salman, P.A.



Ramon Castella, P.E.
Vice-President

RC/er

Town of Golden Beach
Approved by:



12/10/08

Date:



WORK ORDER FOR PROFESSIONAL SERVICES

TO: Town of Golden Beach
1 Golden Beach Drive
Golden Beach, Florida 33160

Date: 11/26/08
File: 00734-00

ATTENTION: Mr. Alexander Diaz, Town Manager

PROJECT NAME: **Bridge at The Strand to Center Island (Bridge No. 875701)
Geotechnical Testing, Design, Construction Documents, Permitting
and Post-Design Engineering Services
Town of Golden Beach, Florida**

SCOPE OF PROJECT:

The existing bridge at The Strand to Center Island has been rated as severely deteriorated by FDOT, and in need of replacement. On August 5th, 2008, the Florida Department of Transportation issued a "NOTICE OF WEIGHT RESTRICTION" due to severe deterioration of the concrete bridge deck. A review of the evaluations conducted by FDOT and their corresponding consultants reflects the need for severe weight restriction and the need for immediate action to address the structural condition of this bridge. Given the nature of the deterioration and the aggressive environment of the bridge location (Very low level bridge in close proximity to water) it has been determined that the Town will seek funding for the replacement of this bridge structure and would like to fast track the design and construction of the proposed bridge replacement.

The bridge will be replaced with a new 2-span structure which will be constructed in phases to allow a minimum one-lane of traffic at all times for access to and from Center island. The new bridge configuration and aesthetic design elements (railings, lighting, pavers, etc.) will be similar to the recently completed Verona Avenue bridge to South Island. The section will consist of 11' lanes, 4' bike lines and sidewalks on each side.

The new bridge sub-structure will be founded on drilled shafts in order to minimize vibrations. The bridge super-structure will be composed of pre-stressed concrete slab units with a reinforced concrete deck. The subgrade at the bridge approaches will be extensively de-mucked and the soils stabilized in order to provide an adequate base for the bridge approach slabs. As part of this bridge project, the approach roadways will be reconstructed, as will the seawall bulkheads at each end of the bridge. The swales at each bridge approach will be landscaped.

The bridge reconstruction will require the relocation of the existing bridge-attached force main and gas main. The existing large water main, which crosses the water next to the existing bridge on its own supports, will be left in place.

SCOPE OF SERVICES:

The general objective is for the CONSULTANT to provide design structural, roadway and geotechnical engineering under this contract. C3TS will provide Engineering Services in accordance with the following Scope of Work:

EB0005022
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(Western City Limits to US-1)
November 29, 2006
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Thank you.

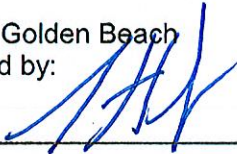
Corzo Castella Carballo Thompson Salman, P.A.



Ramon Castella, P.E.
Vice-President

RC/er

Town of Golden Beach
Approved by:



12/10/06

Date: _____