



## **EXHIBIT "A"**

Date: 1/18/2023

**Revised 3/22/2023**

Robert McDonald, CGC, Project Manager  
City of Coconut Creek  
5295 Johnson Road  
Coconut Creek, FL 33073

**Ref: Revised Proposal and Schedule for Structural Condition Survey with Cost Estimates, for Five Bridges: #865005, 865003, 865002, 865001 and 865000**

Dear Mr. McDonald,

In response to your request for Professional Engineering Services for the above-referenced project, the Carnahan Proctor and Cross Team (CPC), which includes our Sub-Consultant Lakdas/Yohalem Engineering, Inc, is pleased to provide bridge engineering services for the above-referenced bridges.

The terms and conditions of this proposal shall be in accordance with the "Agreement between the City of Coconut Creek and Carnahan, Proctor and Cross for General Professional Engineering Services RFQ NO. 03-25-20-02", dated September 20<sup>th</sup> 2020.

CPC proposed services include the following:

### General

Bridges consist of single-span, precast concrete solid slab between each bent and abutment on the north and south sides of the canal.

### Task 1. Structural Condition Survey and Assessment

- Review Recent FDOT Reports and Existing Construction Documents.
- Onsite Visual and Sounding Survey.
- Onsite Underwater Survey
- Evaluate Site Findings
- Compile a Brief Report with our Findings, Comments, and Recommendations for Corrective work (In Order of Priority) as required to have the bridges compliant with all applicable Codes and Standards.
- Cost estimate for Proposed Work

The underwater survey will be performed by a specialty engineer.

Our Lump Sum Fee for Task 1, for all 5 bridges: \$82,555.00.

**814 S. Military Trail, Deerfield Beach, FL 33442 Tel: 954.972.3959 Fax: 954.972.4178**

**CIVIL ENGINEERING GEOMATICS/SURVEY CONSTRUCTION SERVICES**

[www.cpc-eng.com](http://www.cpc-eng.com)



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CPC will submit the following:

### Condition Survey & Assessment

- Draft Report
- Final Report

We estimate a total of 18 weeks for our services in Task 1, excluding time for city review and comments.

The following Services are not included in the above Scope and Fees:

1. Preparation of Construction Documents and Construction Engineering and Inspection (CEI) Services. A separate proposal for these services shall be provided, if requested by the City.
2. Geotechnical Investigations. If required, will be provided as an additional service.
3. Land Surveying. If required, will be provided as an additional service.

Please let me know if you have any questions or need additional information. CPC is ready to commence this important City Project upon receipt of the Purchase Order and the City's Notice to Proceed.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dan A. Tintner'.

Dan Tintner, P.E.  
Senior Vice President  
Carnahan Proctor and Cross, Inc.



**Structural Condition Survey, Bridge Engineering  
Design, and Permitting and Bidding Assistance Services  
5 Bridges: #865005, 865003, 865002, 865001 and 865000**



| STAFF HOUR ESTIMATE   | Principal P.E. | Senior Engineer P.E. | Engineer   | Project Manager | Staff Assistant | Total Hrs. | Total Amount        |
|---|----------------|----------------------|------------|-----------------|-----------------|------------|---------------------|
| <b>(REVISED 3-22-23)</b>  | \$ 215.00      | \$ 180.00            | \$ 135.00  | \$ 160.00       | \$ 75.00        |            |                     |
| <b>1. Structural Condition Survey &amp; Assessment Services</b>                             |                |                      |            |                 |                 |            |                     |
| Review Recent FDOT Report & Existing Construction Documents                                 | 12             | 12                   | 8          | 10              | 2               | 44         | \$ 7,570.00         |
| Onsite Visual & Sounding Survey   | 4              | 48                   | 48         | 16              | 4               | 120        | \$ 18,840.00        |
| Onsite Underwater Survey  | 4              | 20                   | 40         | 32              | 4               | 100        | \$ 15,280.00        |
| Evaluate Site Findings  | 8              | 48                   | 12         | 40              | 4               | 112        | \$ 18,680.00        |
| Compile a Brief Report with our Findings, Comments, and Recommendations for Corrective Work | 12             | 24                   | 6          | 20              | 0               | 62         | \$ 10,910.00        |
| Cost Estimate for Proposed Work   | 10             | 20                   | 15         | 20              | 4               | 69         | \$ 11,275.00        |
| <b>Sub-Total for Structural and Assessment</b>  | <b>50</b>      | <b>172</b>           | <b>129</b> | <b>138</b>      | <b>18</b>       | <b>507</b> | <b>\$ 82,555.00</b> |
| <b>2. Services for Construction Documents-NIC</b>   |                |                      |            |                 |                 |            |                     |
| Structural Analysis & Design  |                |                      |            |                 |                 |            |                     |
| Prepare Construction Documents  |                |                      |            |                 |                 |            |                     |
| Prepare Schedule of Value for Bid Items   |                |                      |            |                 |                 |            |                     |
| Prepare Engineers Cost Estimate   |                |                      |            |                 |                 |            |                     |
| Sign & Seal Documents for Permitting -NIC   |                |                      |            |                 |                 |            |                     |
| <b>Sub-Total For Construction Documents</b>   |                |                      |            |                 |                 |            |                     |
| <b>3. Permitting and Bidding Assistance -NIC</b>  |                |                      |            |                 |                 |            |                     |
| Attend Meetings   |                |                      |            |                 |                 |            |                     |
| Permitting and Comments   |                |                      |            |                 |                 |            |                     |
| Address RFIs, Addendums and other Revisions   |                |                      |            |                 |                 |            |                     |
| <b>Sub-Total For Permitting and Bidding Assist.</b>   |                |                      |            |                 |                 |            |                     |
| <b>Total for Task 1 Services</b>  | <b>50</b>      | <b>172</b>           | <b>129</b> | <b>138</b>      | <b>18</b>       | <b>507</b> | <b>\$ 82,555.00</b> |