

Client Authorization

Carnahan, Proctor and Cross, Inc.

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Amendment No. NA

Project No:

11/11/15

Rev. 4/01/16

Planning

Civil Engineering

Surveying

**Project: City of Dania Beach Engineering Review Services for:
Dania Pointe Development –Civil Engineering Site Plan Review**

CEI Services

To: **Ronnie S. Navarro, P.E.**
Deputy Director | City Engineer
1201 Stirling Road, Dania Beach, FL 33004
954-924-3742 office
954-924-3615 fax
rnavarro@ci.dania-beach.fl.us

Fixed Fee

Time & Expenses

Hourly Not to Exceed

Other

Scope of Services:

As Defined under Section 2 of this Task Order.

Prepared By: Bill Barbaro, P.E., Senior Project Manager

Please execute this Client Authorization for Carnahan Proctor and Cross, Inc. to proceed with the above scope of services at the stated estimated costs.

Subject to Master Agreement with City

Subject to terms & conditions in our Master Agreement with City dated

Authorization:
Carnahan Proctor and Cross, Inc.

Authorization:
Client Authorization (Please sign original and return)

By: **Bill Barbaro, P.E.**



Title: Senior Project Manager

Date: 11/11/15, Rev. 4/01/16

By: **Robert Baldwin**

Title: City Manager

Date:

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1.0 Background:

Carnahan Proctor, and Cross, Inc. (CPC) has been requested, by the City of Dania Beach (Client), to provide this Task Order for Development Review Services in the areas of Civil Engineering, and Survey to be provided on behalf of the Client. The project for which development review services are to be provided is currently named "DANIA POINTE". The proposed project is over 100 acres in size, and is located immediately east of I-95 and north of Stirling Road in the City of Dania Beach. The projects ultimate build-out is anticipated to be approximately three million square feet of mixed use development.

Outlined below please find a detailed description of each task to be performed by CPC under this Task Order. These tasks have been identified as necessary to allow for the timely review in accordance with the expedited schedule for the project.

2.0 Scope of Services:

The following scope of services has been developed to describe the tasks to be performed by CPC's Staff of Professional Civil Engineers, Professional Land Surveyors, and supporting staff for development review services for the assigned areas of discipline. The objective is to provide the City with quality timely review of the provided documents based upon an expedited schedule. Review comments will be generated within the allotted time of each submittal as outlined in the expedited schedule as requested by Client.

The complete project review and approval is anticipated to require multiple submittals, revisions and reviews. In accordance with Article 685, Cost Recovery for Development Review, of the City's Land Development Code, this Task Order has been developed to allow for services to be provided for multiple submittal and review cycles of the City of Dania Beach DRC review process for Site Plan submittals.

The scope of services to be provided by CPC has been developed based upon the proposed development document submittals which will require review and approval by City's Community Development, and Engineering Department. The following outlines each Task for which CPC will provide review services. These tasks have been developed based upon the proposed major development submittals to be reviewed.

Task 1. Civil Engineering Site Plan Review – Consultant will perform review services for all submitted site plan documents preliminary engineering plans, studies, and supporting documents in the areas of assigned discipline. Reviews of the project shall include an estimated four (4) review cycles with proactive coordination to address outstanding issues. Site plan reviews will include the following:

- All Site elements – drainage, parking, buildings, water, sewer, utilities, electrical, internal roadways, etc.
- Stormwater management calculations, methodologies, and designs based on professionally accepted designs and applicable city regulations and possible alternative (i.e. rain gardens, bioswales & roof gardens)

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- ADA Compliance
- Preliminary utility design for potable water, and sanitary sewer calculations, design, and connections.
- Phasing of the development

3.0 Basis of Development Review

The Developers Site Plan submittal for DRC review shall be evaluated for compliance with the following state, local, and federal regulatory design guidelines and standards:

- City of Dania Beach Land Development Code.
- Broward County Land Development Code.
- Parking computation shall be based on 4th Edition ITE Parking Manual or other applicable criteria/standards utilized by the local agency.
- “Florida Green Book”, AASHTO Green Book, FDOT Plans Preparations Manual, FDOT Design Standards and specifications, FHWA MUTCD, ADA Regulations & Guidelines, Broward County standards, etc.
- The scope of work is limited to review services and does not include analysis, design, permitting or construction services. If requested, such services can be provided as additional services.

4.0 Information to be provided by Developer or Client

- All pertinent site plan, plat, survey, and rezoning submittal documents and relevant information related to the site prepared for the proposed development.
- City archive documents, and GIS information for existing utilities.
- All applicable codes, ordinances, and resolutions not readily available online.
- Project schedule for owner’s development team submittals and required deadlines for review.

5.0 Deliverables

- 1. Development Review Comments** – CPC staff will perform review of each Site Plan submittal and develop technical comments based upon the applicable City Codes and requirements. The development review comments will include the analysis of developer’s submitted documents for adherence to the applicable City Codes, Ordinances, and the DDG documents under development for the project. The Engineering Site Plan review may include analysis of the following components of the proposed project design:

- City Stormwater management requirements for calculations, methodologies and designs based on professionally accepted designs and applicable city regulations and possible alternatives
- Analysis of submittal for adherence to City Requirements for proposed drainage designs
- Design and submittal requirements for Phasing of the development

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- Minimum design standards for Site Civil engineering design plans (incl. paving, water, sewer, and other utilities)
- Surface water management system minimum design submittal requirements.
- Roadway and intersection design minimum standards
- Signing-pavement marking minimum design requirement's
- Street and site lighting minimum design requirement's
- Utility adjustment plans minimum design requirement's
- As-built Survey requirements

Please note that meeting attendance by CPC staff is not covered under the scope of this contract, including:

- Meetings with City Staff and/or Project Owners Development Team
- Public hearings and public meetings at the City
- Attendance at meetings with applicable regulatory agencies including but not limited to FDOT & Broward County.

These services may be provided by CPC under separate cover.

6.0 FEE:

The Scope of Services described in Tasks 1 above, shall be provided by the Consultant as an hourly fee as required based upon the hourly rates provided in Part II, plus reimbursable expenses.

TASK	DESCRIPTION	HOURLY NOT TO EXCEED FEE
	REVIEW SERVICES	
Task 1- Civil Engineering Site Plan Review	Site Plan Review Services <ul style="list-style-type: none"> • Review of Site plan, conceptual engineering Plans, and supporting documents submitted as part of DRC site plan package. 	\$34,500.00
TOTAL ESTIMATED FEES THIS TASK ORDER		\$34,500.00

7.0 Schedule:

Review comments will be generated within the allotted time of each submittal to be establish by Client and accepted by CPC.

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Part II
Standard Contract Terms and Conditions
Carnahan Proctor and Cross, Inc.
HOURLY RATE SCHEDULE
(Through December 31, 2016)

Senior Principal	\$ 285.00 Per Hour
Principal	\$ 265.00 Per Hour
Director of Engineering	\$ 250.00 Per Hour
Senior Engineering Project Manager	\$ 200.00 Per Hour
Senior Survey Project Manager	\$ 175.00 Per Hour
Engineering & Surveying Project Manager	\$ 155.00 Per Hour
Field Survey Crew (2-Person)	\$ 135.00 Per Hour
Survey Project Manager	\$ 135.00 Per Hour
Engineer & Surveyor	\$ 125.00 Per Hour
Senior Field Representative	\$ 95.00 Per Hour
Planner	\$ 95.00 Per Hour
Project Coordinator	\$ 90.00 Per Hour
CAD Technician	\$ 85.00 Per Hour
Administrative Assistant	\$ 75.00 Per Hour
High Definition Laser Scan Crew	\$ 250.00 Per Hour
Expert Witness (Prep and Testimony)	\$ 300.00 Per Hour

Reimbursable expenses at Cost plus 10%