

October 29, 2015

Sarit Sela, LEED AP
Project Manager
Gainesville Community Redevelopment Agency
802 NW 5th Avenue, Suite 200
Gainesville, FL 32601

Re: NW 1st Avenue - Project 1 – Underground Infrastructure and Roadway Improvements
Professional Engineering Services

Dear Sarit:

We appreciate the opportunity to provide the CRA with professional services related to the design of NW 1st Avenue. This proposal is submitted pursuant to the recent discussions and plans to add utility improvements to the project and to use a two-phased approach to construction. The following sections provide our understanding of the project and are the basis for this proposal.

Project #1 on NW 1st Avenue consists of the underground infrastructure and roadway improvements. The improvements include the following:

- **Demolition:** coordination of demolition of existing conditions for all proposed improvements (both Project #1 and Project #2)
- **All underground utility infrastructure:** electrical, water, sewer, gas (CHW will request from GRU and GRU to provide complete design and CAD layouts, and CHW to coordinate layouts with improvements). Nix Engineering will provide lighting and photometric design, conduit design for undergrounding of primary electric, electrical service sizing, design of future underground services from transformer to point of customer service, and coordination with GRU and other utility providers as needed. All sleeving for other infrastructure will be installed with Project #1. No sewer improvements are anticipated to be needed at this time. Telephone and cable / communication utilities will be invited to participate in coordination of the underground infrastructure; they will design their own layouts and provide CAD files to CHW for coordination.
- **New roadway construction:** design and implementation of new roadway typical section and layout, including all subgrade, base, pavement design (final course to be designed with Project #1, installed with Project #2). All signage and pavement markings to be included with Project #1. Preliminary striping will be installed with Project #1, and final striping will be installed with Project #2.
- **Hardscape (Sidewalks, etc.):** all hardscape to be installed with Project #1 except accommodations will be made for intermediate hardscape areas where overhead infrastructure must be removed with Project #2, consisting of either temporary hardscape (intended to be removed and replaced with final improvements in phase 2) or block outs

around existing poles consisting of existing conditions to remain until final improvements are installed in Project #2.

- **Irrigation:** coordination of irrigation mains and distribution to be installed in Project #1. All soil preparation for future planting to be coordinated with Project #1 (trees and vegetation to be designed and coordinated for installation with Project #2).
- **Tree Wells:** design and coordination of tree wells to be installed with Project #1.
- **Parking:** kiosks and/or parking meters to be coordinated for installation with Project #1.
- **Maintenance of Traffic (MOT):** to be coordinated in construction by contractor, MOT is not included in this scope of services. CHW can provide a separate proposal for MOT design if the final coordinated logistics of the project warrant, to be determined as project planning moves closer to construction.

CHW will separate the design and scope items listed above from the existing 50% CD design documents to create Project #1. All design elements must be re-coordinated and completed to coincide with the separation of design and scope of work into two separate projects and plan sets accordingly.

With the above information in mind, CHW will provide the following services.

A. Project Design

1. Prepare the Project #1 plan set from the original combined project plans.
2. CHW will request from GRU and GRU will provide design for water, gas, and electric utility designs. CHW will coordinate with GRU as needed to ensure full design is received and CHW will incorporate CADD linework representing location of proposed utility, as well as demolition related information for existing facilities into the Project #1 plans. GRU will be responsible for full design details, including for re-connection of existing services to new utility mains; CHW is not responsible for the design of water, gas, and electric utility designs.
3. Complete the plans and contract documents to a 90% level – continuing from the 50% completion level, incorporating proposed utility location info from GRU, and incorporating comments from the CRA, Public Works, SJRWMD, CPPI, CPUH and CRA Boards, and community stakeholders;
4. Submit the 90% plans to the CRA, City of Gainesville Public Works, GRU, SJRWMD, and CPPI for review and comment; submit the plans to all utility companies for utility coordination;
5. Assist with a presentation of the 90% plans in a public workshop setting for property owners and / or stakeholders; CHW will provide input into the presentation; participation in or attendance at the presentation will be covered under the Meetings section of this scope of services;

6. Assist with presentation of the 90% plans to the CPUH and CRA Boards; CHW will provide input into the presentation; participation in or attendance at the presentation will be covered under the Meetings section of this scope of services;
7. Complete the plans and contract documents to 100% level – continuing from the 90% completion level and incorporating comments from the CRA, Public Works, GRU, CPPI, CPUH and CRA Boards, and community stakeholders;
8. Complete all permitting as required by SJRWMD, City of Gainesville Public Works, and GRU, through the submittals listed above plus any additional coordination activities;
9. Coordinate with CPPI for cost estimating (by CPPI) and value engineering at each submittal milestone / deliverable;
10. Coordinate with the CRA and CPPI during bidding with management of bidding activities by the CRA and / or CPPI.
11. **Meetings** - All meeting attendance or conference call participation by CHW will be billed at our standard hourly rates, independent from the design and permitting scope activities. “Meetings and conference calls” includes both meetings and calls that CHW identifies as necessary to the project design where CRA attendance is not necessary, as well as meetings set by or requested by the CRA. Meeting and call types may include but are not limited to the following:
 1. Project coordination meetings or conference calls, set by either CRA or by CHW for coordination of project elements;
 2. Field or office meetings or conference calls with various utilities, stakeholders, City Public Works, etc.;
 3. Coordination meetings or conference calls with subconsultants;
 4. CPUH and CRA board meetings;
 5. Community stakeholder meetings; and
 6. Pre-bid and pre-construction meetings

B. Subconsultants

CHW will subcontract with consultants for necessary services as described below.

1. CHW will subcontract with David Conner and Associates (DCA) for landscape architecture and irrigation design through the corridor. In Project #1, the scope will primarily consist of coordinating with DCA for needed size and location of tree wells and irrigation infrastructure layout. DCA will utilize base roadway plans provided by CHW and will provide input into the tree well design and also will design, detail, and specify the irrigation system. CHW will design and detail hardscape, and other streetscape improvements including pedestrian areas, with input from David Conner and Associates. DCA will provide any relevant technical specifications to be

included in the contract documents prepared by CHW. DCA will attend (in Gainesville) up to two project coordination meetings OR public meetings, and will coordinate via phone conference and / or web-ex type exchanges as needed throughout the project design. DCA will also provide input for presentations to the CRA Board (without attendance). Please see the DCA scope of services for additional information.

2. GRU has provided the design of the primary electrical system for the project to the CRA. CHW will subcontract with Nix Engineering for coordination of the primary electrical system as needed for subsequent design of the secondary electrical system (in Project #2). Nix Engineering will obtain GRU's primary electric design from the CRA or GRU. Nix Engineering will also provide the design for the street lighting and photometrics for the project. Nix Engineering will utilize base roadway plans provided by CHW and will design, detail, and specify the lighting and photometric elements of the project. Nix Engineering will provide any relevant technical specifications to be included in the contract documents prepared by CHW. Nix Engineering will coordinate with GRU and property owners as needed to complete their design. Nix Engineering will also attend up to two project coordination meetings and two public meetings and will coordinate via phone conference and / or web-ex type exchanges as needed throughout the project design. Nix Engineering will not attend the kick-off meeting prior to the end of the year, nor will they attend community meetings or board meetings until the project reaches 90%. Nix Engineering will also provide input for the presentations to the CRA Board. Please see the Nix Engineering scope of services for additional information.

C. Construction Phase Services

CHW's construction phase scope of services will be provided in a separate proposal upon request.

D. Deliverables

During the course of the project, deliverables include the following:

- Final typical section showing utility allocation (based on location input from GRU utilities)
- 90% plans and technical specifications
- 100% plans and technical specifications

CHW will provide two hardcopies of plans and specification to the CRA at each submittal milestone. CHW will provide all original working files to the CRA at the conclusion of the project. File types include but are not limited to Word files, CADD (AutoCAD) files, Sketchup files, Excel files, etc.

E. Estimated Schedule

The major activities have the following estimated timeframes:

- 2 weeks to create "Project #1" plans
- 3 weeks to finalize typical section and incorporate utility location designs (dependent on receipt of complete info from utilities)
- 6 weeks to prepare and submit 90% plans
- 4 weeks for CRA / City Public Works / GRU review
- 8 weeks for permitting, begins with 90% plans, overlaps partially with 90% review timeframe and partially with subsequent 100% plans timeframe
- 4 weeks to prepare and submit 100% plans
- 4 weeks for CRA / City Public Works / GRU review

After authorization to proceed, CHW will develop a detailed schedule with input from the design team. Additional activities such as public meetings and presentations may impact the overall schedule.

F. Fees

Task	Fee
CHW Engineering (Includes \$15,000 for meetings)	\$ 59,900.00
DCA Landscape Design	\$ 7,467.50
Nix Electrical	\$ 12,500.00
Reimbursables	\$ 3,000.00
Total	\$ 82,867.50

The above described services will be provided for a lump sum fee of **\$82,867.50**. Invoices will be submitted on a periodic basis, based upon the percentage of services complete to date. Services will be billed at the hourly rates in our contract with Gainesville Regional Utilities, which are the rates shown on the attached "2013 Standard Rate Schedule".

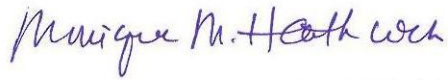
Reimbursable Expenses:

As shown above, printing and miscellaneous overnight/delivery expenses will also be reimbursed at a not to exceed amount of **\$3,000.00**. In addition to the not-to-exceed amount for printing and other expenses, if any permitting fees are required (e.g. SJRWMD, GRU, City of Gainesville, etc.) or if any advertising is needed for public meetings, CHW will pay for the permitting and / or advertising and will submit documentation to the CRA for reimbursement.

This proposal represents our best effort to provide complete professional representation of your project interests and to provide a professionally administered project. We appreciate the opportunity to work with you and the CRA and look forward to a successful project.

We trust this proposal meets with your approval. We may proceed upon receipt of a purchase order. Otherwise, please call to discuss.

Sincerely,
CHW



Monique M. Heathcock, PE, LEED AP
Director of Engineering and Planning

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October 7, 2015

Monique Heathcock, PE
CHW Engineers
132 NW 76th Drive
Gainesville, FL 32607

**Re: NW 1st Avenue Streetscape- Gainesville-Project #1
Landscape Architectural Services Proposal**

Dear Monique:

David Conner & Associates, Inc. (DC+A) appreciates the opportunity to provide **CHW Engineers** with this proposal to provide professional **Landscape Architectural** services for the **NW 1st Avenue Streetscape (Project #1) in Gainesville, FL.**

SCOPE OF SERVICES

Project #1 Scope related to landscaping and irrigation work:

- Demolition: coordination of demolition of existing conditions for all proposed improvements (both Project #1 and Project #2)
- Hardscape (Sidewalks, etc.): all hardscape to be installed with Project #1 except accommodations will be made for intermediate hardscape areas where overhead infrastructure must be removed with Project #2, consisting of either temporary hardscape (intended to be removed and replaced with final improvements in phase 2) or block outs around existing poles consisting of existing conditions to remain until final improvements are installed in Project #2.
- Irrigation: coordination of irrigation mains and distribution to be installed in Project #1. All soil preparation for future planting to be coordinated with Project #1 (trees and vegetation to be designed and coordinated for installation with Project #2).
- Tree Wells: design and coordination of tree wells to be installed with Project #1.
- Parking: kiosks and/or parking meters to be coordinated for installation with Project #1.

David Conner and Associates (DCA) will perform sub consultant services to CHW for landscape architecture and irrigation design through the corridor. Project #1 scope will primarily consist of advising CHW on the size and location of tree wells and placement of irrigation infrastructure. DCA will utilize base roadway plans provided by CHW and will provide input into the tree well design and also will design, detail, and specify the irrigation system. CHW will design and detail hardscape, and other streetscape improvements including pedestrian areas, with input from David Conner and Associates. DCA will provide any relevant technical specifications to be included in the contract documents prepared by CHW. David Conner will attend (in Gainesville) up to two project coordination meetings **OR** public meetings and will coordinate via phone conference and / or web-ex type exchanges as needed throughout the project design. DCA will also provide input for presentations to the CRA Board.

NW 1st Avenue Streetscape- Gainesville-Project 1
October 7, 2015

COMPENSATION AND PAYMENTS

The fee is based upon our understanding of the effort required to complete the effort as described to us. If additional work is required or requested, those services will be provided as additional services. The fee for additional services shall be DC+A's current standard hourly rates. The following is an outline of the fee for services to complete the project (not including reimbursable expenses):

Construction Documents (CDs) Phase	<u>\$7,467.50</u>
Total:	\$7,467.00

David Conner + Associates, Inc. appreciate the opportunity to submit this proposal and we look forward to working with you to complete the design of NW 1st Avenue in Gainesville, FL.

Sincerely,

David Conner, PLA, ASLA
President

Nix Engineering, Inc.

Consulting Engineers
2711 N.W. 6th Street, Suite B
Gainesville, Florida 32609

(352) 271-9900 Voice
(352) 271-9300 Fax

Florida and Georgia
Registrations

August 10, 2015

Causseaux, Hewett, & Walpole, Inc.
132 NW 76th Drive
Gainesville, FL 32607

Attn: Monique Heathcock

Re: Electrical Engineering Fee Proposal
NW 1st Avenue – Project 1
Gainesville, FL

Dear Monique:

Thank you for the opportunity to work with you and provide you an engineering fee proposal for this project.

The following is a fee proposal for Electrical Engineering services for developing construction documents for the partial conversion of existing overhead electrical services along NW 1st Avenue between NW 16th Street and NW 20th Street to underground.

A. Engineering Services consist of:

1. Field work as required to determine existing conditions.
2. Reproducible plans and specifications showing underground conduit as required by the electrical service providers, GRU, AT&T, and Cox Communications, for undergrounding their existing overhead electrical lines, as well as for future conversion of customer overhead electrical services.
 - a. This includes the underground conduit required by GRU, AT&T, and Cox Communications to underground their existing overhead distribution lines.

- b. This also includes determining the electrical service sizes for individual customers and designing the future underground services from pad mounted transformers to the customers' service equipment, to ensure adequate infrastructure is in place for future conversion of the existing overhead services and that the future work associated with Project 2 does not disturb the work done in Project 1.
 3. Coordination with the electrical service providers, GRU, Cox, and AT&T, as needed.
 4. Photometric design & details of street lighting installation.
 5. Attending up to two project coordination meetings and two public meetings and coordination via phone conference and / or web-ex type exchanges as needed throughout the project design. Provide input for presentations to the CRA Board.
- B. The above Engineering services can be provided for a fixed fee of \$12,500.00.
- C. Additional services can be provided on a negotiated fixed fee basis or on an hourly basis according the following rate schedule:
- | | | |
|--------------------|---|----------|
| Principal Engineer | - | \$140.00 |
| Associate Engineer | - | \$80.00 |
| CADD Operator | - | \$40.00 |
| Clerical | - | \$25.00 |
- D. Any dispute, controversy, or claim arising out of or relating to this Agreement shall first be submitted to Mediation in accordance with the then current Construction Industry Mediation rules of the American Arbitration Association. Then, upon mutual consent of the parties, any unresolved claim or controversy shall be submitted to Arbitration in accordance with the then current Construction Industry Arbitration rules of the American Arbitration Association.
- E. Invoices not paid within 30 days of the invoice will accrue interest at a rate of 1.5 percent simple interest per month from the payment due date. The client will reimburse the consultant for any costs and expenses, including attorney fees, incurred by the consultant in any effort to enforce payment.

Proposed by: Ronald J. Nix, P.E.

Date: August 10, 2015

Accepted by: _____ Date: _____