

**Action Requested/Required:**

- ☒ Vote/Action Requested
☐ Discussion or Presentation Only
☐ Public Hearing
Report Date: _____
Hearing Date: _____
Voting Date: _____

Department: Community Development**Presenter(s) & Title:** Bethany Watson

City Engineer

Agenda Item Title:

Discussion and Possible Action on the Award of the Task Order 7 for the Transportation Improvement Project Hwy 140 at Reinhardt College Parkway Intersection Improvement Project Design to Michael Baker International in the amount of \$44,479.14.

Summary:

Staff has worked diligently with Michael Baker consultants to develop a scope and compensation schedule that satisfies the needs of the City and follows the Local Administered Project requirements, as laid out by GDOT. Based on recommendation by GDOT, City Staff has determined a Master Professional Services Agreement will be formed and then Task Order assignments will be assigned as the project progresses. This is Task Order 7 and consists of developing preliminary design through final design for Lighting of the Roundabout.

Budget Implications:Budgeted? ☒ Yes ☐ No ☐ N/ATotal Cost of Project: \$ 44,479.14 Check if Estimated ☐Fund Source: General Fund ☐ Water & Sewer ☒ Sales Tax ☐ Other: Federal Funding, Impact Fee**Staff Recommendations:**

Approval of the Award of the Task Order 7 for the Transportation Improvement Project Hwy 140 at Reinhardt College Parkway Intersection Improvement Project Design to Michael Baker International in the amount of \$44,479.14.

Reviews:Has this been reviewed by Management and Legal Counsel, if required? ☐ Yes ☐ No**Attachments:**

Task Order 7



TASK ORDER

MASTER CONTRACT ID #:
TASK ORDER #: 07

Total Task Order Amount: \$ 44,479.14

Task Order Funding Project Information:

PI #: 0017982
County: Cherokee
TPRO Description: SR 140 @ SR 5 CONN

The above project task order is made and entered into as of _____, (hereinafter referred to as "Task Order Effective Date") by and between the City of Canton (City), through its Office listed in Item # I. (responsibilities and obligations pursuant to this task order will be performed by the individuals identified in Item # I of this task order), hereinafter referred to as the City;

AND

MICHAEL BAKER INTERNATIONAL, INC.

hereinafter referred to as the Consultant.

This task order is made a part of the Professional Services Agreement Master Contract referenced above between the City and the Consultant.

I. CITY AND CONSULTANT CONTACT INFORMATION:

The City's mailing address and telephone number for correspondence, reports, and other matters relative to this contract, except as otherwise indicated, are:

City's Project Manager:

City of Canton Engineering
Attn: Bethany Watson, PE, AICP
110 Academy Street
Canton, GA 30114

Telephone #: 770-704-1521
E-Mail: bethany.watson@cantonga.gov

Consultant's Project Manager:

Michael Baker International, Inc.
Attn: Paul Murphy, PE
3930 East Jones Bridge Road
Suite 220
Peachtree Corners, GA 30092

Telephone #: 678 966 6641
E-Mail: pbmurphy@mbakerintl.com

II. Task Order Description:

This task order consists of developing preliminary design through final design for Lighting of the Roundabout. All deliverables shall be in accordance with the current edition of the Georgia Department of Transportation (GDOT) Plan Development Process (PDP), Plan Presentation Guide (PPG), Electronic Data Guidelines (EDG), GDOT Design Policy Manual, Environmental Procedures Manual (EPM), and the GDOT Survey Manual. All required engineering studies are considered part of the scope of services.

III. Scope of Services:

The Consultant shall:

- A. Prepare lighting plans and special provisions. The limits of lighting coverage shall meet current GDOT department guidelines. These include, but are not limited to:
 - 1. Preliminary submittal of construction plans for lighting design, as part of the roadway plans, which shall include:
 - a. Photometric layout (hardcopy roll plot and/or electronic Adobe PDF file).
 - b. Luminaire manufacturer's specifications including but not limited to manufacturer, model number and cut sheet for each proposed luminaire included in the proposed design. The Consultant shall provide one (1) electronic Adobe PDF and two (2) hardcopies 8-1/2" x 11".
 - c. Provide in hardcopy, MicroStation DGN and Adobe PDF format a photometric layout including but not limited to the Illuminance Method design computations including:
 - i. Road classification.
 - ii. Pedestrian conflict area category.
 - iii. Roadway surface classification.
 - iv. Minimum maintained average foot-candle level.
 - v. Uniformity Ratio Average/Minimum as per the Illuminating Engineering Society (IES) Recommended Practice (RP)-8-14 publication.
 - 2. Second Utility Submittal of construction plans for lighting design, as part of Roadway Plans, which shall include:
 - a. Pole data and legend sheets(s)
 - b. Three (3) sets of plan sheets, one (1) full-size paper, two (2) half-size paper, and one (1) set of individual electronic Adobe PDF per sheet.
 - 3. Final Submittal of construction plans for lighting design, as part of Roadway Plans, which shall include:
 - a. Pole data and legend sheet(s) which include:
 - i. Circuit number.
 - ii. Roadway station and offset.
 - iii. Luminaire wattage and type.
 - iv. Mounting height.
 - v. Mounting arrangement
 - b. Plan sheets, foundation design sheet(s)
 - c. Footing designs and details for roadway light poles.
 - d. Plans sheets or layout sheet at same scale as the Department's proposed roadway plans (to be coordinated with the Department).
 - e. Detail sheets, summary of quantities and detailed estimated.
 - f. All electronic files, including all MicroStation .DGN files for plan sheets.
 - g. Special Provisions and designer's cost estimates in Microsoft Word (.doc) format.
 - h. Two (2) hardcopies of the project-specific Special Provisions (8-1/2" x 11") and electronic Adobe PDF format.
 - i. Two (2) hardcopies of the designer's cost estimate (8-1/2" x 11") and electronic Adobe PDF format.
 - j. Three (3) paper sets of Final Construction Plans, two (2) full-size paper, one (1) half-size paper and one (1) set of individual electronic Adobe PDF per sheet.
- B. Produce a set of construction plans for letting. This will include producing a:
 - 1. Summary of Quantities.
 - 2. Designer's Final Cost Estimate(s)
 - 3. Plan sheets.
 - 4. Foundation designs, if necessary.
 - 5. Special details, if required.

6. Special provisions, if required.
7. All applicable Georgia Standards and Construction Details.

The Consultant shall prepare all required Special Provisions and Designer's Cost Estimate(s) in Microsoft Word format and Adobe PDF format.

IV. AVAILABLE INFORMATION:

The City shall provide the following:

V. DELIVERABLES:

The following items shall be completed by the Consultant and delivered to the City during the term of this task order as specified by the GDOT Project Manager:

- A. Preliminary submittal of construction plans for lighting design.
- B. Secondary submittal of construction plans for lighting design.
- C. Final submittal of construction plans for lighting design.
- D. Lighting plans and special provisions.
- E. Construction plans for letting.

VI. WORK SCHEDULE:

The Consultant shall not begin any work on a Task Order until authorized in writing by the City through a Notice to Proceed, which shall provide an effective date for the start of consultant services. Any work, including but not limited to travel, preliminary meeting, planning, etc., performed outside the terms and conditions of this Task Order, or conducted before the Notice to Proceed has been issued by the City, will not be considered for payment.

The Consultant must complete all work between the date of the Notice to Proceed (NTP) and the completion date specified in the NTP letter. In no instance shall any work be authorized beyond the completion date specified unless specifically authorized in writing by a task order time extension. All work specified in this task order shall be completed within ____ month(s) of the Notice to Proceed date, not to exceed the master contract expiration date.

VII. COMPENSATION (PAYMENT) METHODS:

The following method of payment(s) to consultant shall be used in accordance with the master contract and 23 CFR 172.9(b) Payment methods:

- [X] Cost Plus Fixed Fee – An agreed-upon fixed fee for the Prime and Sub-consultants, together with all allowable incurred costs in the performance of the scope of services. Each individual consultants's fixed fee amounts will not vary with the actual cost in the performance of work by the Prime and/or Sub-consultants.

(Fixed Fee = (Direct Labor + Overhead / Indirect Cost Rate) X 10%);

Note: FCCM is not included in the calculation of the Fixed Fee amount.

NOTE: It is the responsibility of the Consultant to account for costs appropriately and maintain adequate records and supporting documentation to demonstrate costs claimed to have incurred are allocable to this task order, and comply with applicable cost principles. It is important to note that all costs or prices based on estimated costs shall be eligible for Federal-Aid reimbursement, only to the extent that cost incurred or cost estimates included in negotiated prices are allowable in accordance with the Federal cost principles.

VIII. ATTACHMENT LISTING:

ATTACHMENT A, COST PROPOSAL SUMMARY

IN WITNESS WHEREOF, said parties have hereunto affixed their signatures the day and year above first written:

CITY OF CANTON

Michael Baker International, Inc.

Mayor

Signature: _____ Date

Albert Bowman, PE. Vice President/Office Manager

Printed Name/Title

ATTEST

City Clerk _____ Date

Approved as to form

Robert M. Dyer
City of Canton
Attorney

ATTACHMENT A

COST PROPOSAL SUMMARY

For delivery of the attached scope, the City agrees to pay an amount of Forty-Four Thousand, Four Hundred Seventy-Nine Dollars and Fourteen Cents (\$44,479.14) as summarized below.

Summary by Discipline/Firm		Total Hours	Total Cost	DBE (Yes/No)	DBE Participation	DBE %
Tab	TOTALS ==>	2,272	\$ 44,479.14		\$ -	0.0%
Lt1	Michael Baker International	272	\$ 44,479.14	No	\$ -	-