MEMORANDUM

To: Parties Interested in RFQP2019-19
From: Cindy Clack, Senior Buyer
Date: March 6, 2019
Re: RFQP2019-19 Progressive Design-Build Services Tanners Bridge WWTF Expansion to 1.0 MGD – Addendum No. 1 (10 pages Including Cover)

To date, the following questions have been submitted for RFQP2019-19, please see the attached 9 page addendum from Engineering Management, Inc.:

Thank you.

Barrow County Board of Commissioners
30 North Broad Street; Winder, GA 30680
www.barrowga.org
RE: RFQP 2019-19 PROGRESSIVE DESIGN BUILD SERVICES
TANNER’S BRIDGE WWTF EXPANSION TO 1.0 MGD

FROM: ENGINEERING MANAGEMENT, INC.
303 SWANSON DRIVE
LAWRENCEVILLE, GA  30043
Chip McGaughey, P.E.
770-962-1387

TO: PROSPECTIVE RESPONDENTS

This Addendum modifies the original RFQP dated February 6, 2019.

The following items of the RFQP are modified as part of this Addendum:

General Questions and Clarifications
The following is a list of questions and answers received to date during the RFQP advertisement period as well as at the mandatory pre-SOQP meeting held on February 26, 2019 at the Barrow County Water and Sewerage Department. A copy of the Pre-SOQP Conference Sign in Sheet and Pre-SOQP Conference Agenda are attached.

- Based on attendance at the mandatory Pre-SOQP meeting, the following firms indicated they would be a prime Respondent.
  1. Garney Construction
  2. Haskell
  3. Crowder Constructors
  4. Reynolds Construction
  5. Ruby-Collins
  6. Reeves Young

- Is the full DDR for the above referenced project available?
  Yes. The full DDR is included in the RFQP as Appendix 12, Attachment 4.

- On pg 29 of the RFQP, “Respondents shall also include proposed billing rates” is included as a requirement. As a clarification to and formally asking this question from yesterday’s pre-proposal, are the billing rates being requested for labor classifications something other than the engineering consultant and pre-construction services by the contractor as required to complete Phase I - Preconstruction Phase Services?
  The requested billing rates shall be for the Respondents Engineering Consultant and Contractor for Phase 1 pre-construction phase services.

END OF ADDENDUM NO. 1
PRE-SOQP CONFERENCE AGENDA
February 26, 2019

Project: Tanner’s Bridge Wastewater Treatment Facility Expansion to 1.0 MGD

1. Project Personnel:
   b. Consultant Representative: Chip McGaughey, PE
   c. Owner: Barrow County B.O.C.
   d. Owner’s Representative: Cindy Clack, Senior Buyer
      Autron Hayes, Public Works Director
      Mark Whiddon, Wastewater Manager
   e. Owner’s Email: cclack@barrowga.org

2. Pre-SOQP Conference
   a. Attendance at this Pre-SOQP conference is mandatory in order to be eligible to submit an SOQP for this project. The sign in sheet for this meeting has a column that asks the question “Will your firm be the prime respondent submitting an SOQP for this project?”. Please indicate “yes or no”.

3. Project Scope and Review
   a. The Progressive Design Builder will provide services in two distinct phases: Phase One (Phase 1) services generally consist of review of the recently amended DDR included in Section 10 Attachment 4 and providing recommendations based on the proposed design in the DDR and providing recommendations for or against a continuous flow process similar to an oxidation ditch with circular clarifiers. Phase 1 services shall also generally consist of preliminary engineering, geotechnical investigations, as well as, preparation in close collaboration with the County and County’s Consultant, of a proposed price and schedule. (County will provide topographic surveys for the project) The proposed price and schedule includes the Project’s design (developed to the County’s required level of 80% completion), permitting activities, a GMP, Project schedule, and supporting documentation, such as detailed open-book costing for the GMP. Phase 2 services generally encompass completing the Project’s design, construction and performance testing.

   Phase 1 Services:
   • Develop the Project execution plan, including Project schedule.
• Prepare an evaluation, in collaboration with the Owner, of various treatment options for wastewater treatment & solids handling. Review Existing Design Development Report (“DDR”) and Provide Recommendations – the PDB Company shall review the existing DDR prepared by the County’s Consultant titled “Tanner’s Bridge WWTF 1.0 MGD Mechanical Plant Amendment to Tanner’s Bridge Qualifluent 5.0 MGD WRF DDR” and provide any recommendations regarding the proposed treatment process, etc. The County also wants to discuss the potential costs and operations characteristics of a continuous flow process similar to an oxidation ditch with circular clarifiers.

• Perform subsurface investigations, (topographic survey will be provided by the County) and, any additional raw water/wastewater analyses needed to support design and cost estimating.

• Develop opinion of probable cost, including lifecycle costs, for the various alternatives being evaluated.

• Update the Project Execution Plan including the Project Schedule.

• Develop the engineering design (including preparing and submitting intermediate design review packages at 30%, 60% and 80% design completion) and value-engineering activities in conjunction with County’s Consultant.

• Prepare & submit all documents required to meet local, state, federal and any other jurisdictional requirements.

• Prepare a project cost model and provide detailed cost estimates as the design and design alternatives are advanced.

• Identify Project permitting requirements and initiate certain permitting activities.

• Submit and negotiate a Guaranteed Maximum Price (GMP) at the 80% design stage to complete the Phase 2 services. The Contractor shall develop a GMP Proposal through an open book bidding of all work packages for the Project construction (labor, equipment, materials and services).

• If a GMP cannot be agreed upon, the County will retain all of the deliverables obtained during the Phase 1 of the Project and may use them to re-advertise the Project for construction bids or proposals. If a GMP is accepted by the County, a GMP Amendment will be executed by the County and the Contractor in the amount of the agreed GMP for the construction of the scope of work outlined in the design documents.

Phase 2 Services:

• Complete the final design.

• Procure equipment and subcontractors. (All work shall be broken down into various acquisition packages and procured with input from the County and County’s Consultant on equipment and systems. Cost will not be the only determining factor in selection of these packages but among the factors that will be considered will be quality, performance, and expected reliability. Progressive Design Build contractor may bid on any of the packages.)

• Secure necessary permits.

• Construct the Project.

• Conduct startup, commissioning and performance testing.
• Provide operator training.
• Provide warranty coverage.

4. RFQP Documents
   a. RFQP documents can be downloaded at the Barrow County website, http://www.barrowga.org/departments/bids-RFQPs.aspx.

5. Clarifications and Addenda
   a. Requests for clarification or interpretation regarding this RFQP shall only be submitted in writing via letter or email to the designated Purchasing Representative: Cindy Clack, Senior Buyer (email: cclack@barrowga.org)
   b. Telephone inquiries will not be accepted.
   c. All responses to written requests for clarification, interpretation, or additional information will be distributed as addenda to this RFQP and posted on the Barrow County website, www.barrowga.org.

6. Site Visit
   a. A site visit to the Tanner’s Bridge WWTF will be conducted following the Pre-SOQP meeting.

7. Procurement Schedule

<table>
<thead>
<tr>
<th>TASKS</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFQP Issued</td>
<td>Wednesday, February 6, 2019</td>
</tr>
<tr>
<td>Pre-SOQP Conference</td>
<td>Tuesday, February 26, 2019</td>
</tr>
<tr>
<td>Last Day for Questions to be submitted</td>
<td>Wednesday, March 13, 2019</td>
</tr>
<tr>
<td>Last Addendum Issued</td>
<td>Monday, March 18, 2019</td>
</tr>
<tr>
<td>SOQP Due Date</td>
<td>Friday, March 22, 2019</td>
</tr>
<tr>
<td>Oral Interviews/Presentations</td>
<td>TBD</td>
</tr>
<tr>
<td>Proposal Discussions, Negotiations, Revisions</td>
<td>TBD</td>
</tr>
<tr>
<td>SOQP Award</td>
<td>Tuesday, May 14, 2019</td>
</tr>
</tbody>
</table>

8. Confirmation of SOQP due date, location and time
   a. SOQP shall be delivered to
      Danielle Austin, County Clerk
      Barrow County Board of Commissioners
      County Clerk’s Office
      30 North Broad Street
      Winder, GA 30680
   b. Due Date and time: March 22, 2019 no later than 12:00PM local time
   c. SOQP’s turned in after 12:00PM noon will not be opened.

9. SOQP Submission Requirements
   a. See Section 3 of the RFQP and the checklist included in Section 9 Exhibit A.
   b. Responses are required to be in two (2) separate envelopes. Envelope 1 shall contain the SOQ and Technical Proposal. Envelope 2 shall contain the Cost Proposal.
   c. Contents of both envelopes shall include 1 unbound original plus five 5 bound hard copies plus a thumb drive for each envelope with PDF copies of included documents.
d. The Cost Proposal shall include a lump sum price for the Design Services Phase 1 plus the respondents overhead percentage and proposed fee percentage for Phase 2 construction services. Hourly billing rates shall also be submitted.
e. The Progressive Design-Build Construction Services Agreement is required to be executed and submitted with the Cost Proposal in envelope 2.

10. Administrative Procedures
a. Bonds
   i. Bid Bond shall be submitted with the SOQP and shall be in an amount equal to the Phase 1 contract price.
   ii. 100% Payment Bond and 100% Performance Bond shall be submitted once the GMP has been successfully negotiated between the parties at the end of Phase 1, the Contractor shall provide a Payment Bond and Performance Bond each in the amount equal to one hundred percent (100%) of the GMP prior to the execution of the Contract.

b. All respondents shall submit E-verify Affidavit with SOQP.

11. Evaluation Criteria
a. Evaluation criteria is described in Section 4.
b. The SOQP’s will be evaluated based on the following points system.

<table>
<thead>
<tr>
<th>Evaluation Criteria</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Delivery Approach</td>
<td>30%</td>
</tr>
<tr>
<td>Project Team and Past Project Collaboration</td>
<td>15%</td>
</tr>
<tr>
<td>Management Approach</td>
<td>25%</td>
</tr>
<tr>
<td>Current and Projected Workload</td>
<td>15%</td>
</tr>
<tr>
<td>Cost Proposal</td>
<td>15%</td>
</tr>
<tr>
<td>TOTAL POINTS</td>
<td>100%</td>
</tr>
</tbody>
</table>

12. Anticipated Project Schedule
Activity/ Key Milestone                                                                 Date/Timeline
BOC Approval (Phase 1 – Design Services)........................................................................May 14, 2019
Notice to Proceed – for Phase 1 – Design Services.................................................May 29, 2019
Completion of 80% Design Services..............................................................February 2020
GMP Submittal........................................................................................................February 2020
BOC Approval (Phase 2 – Construction Services w/ GMP).................................March 2020
Notice to Proceed – for Phase 2 – Construction Services.................................March 2020
Substantial Completion.......................................................................................March 2021
Final Completion..................................................................................................May 2021

All dates are subject to change at Barrow County’s discretion.

a. Ideas regarding improvements to the schedule will be discussed during the Phase 1 design phase.
   a. The PDB Team shall schedule and hold progress meetings at least monthly or as
      required by progress of the design work at the Barrow County Water and Sewer
      Department. The PDB Contractor, PDB Engineer, County Consultant, County Staff and
      all applicable active Subcontractors and Subconsultants must attend each meeting.
      Contractor may at its discretion request attendance by representatives of its Suppliers,
      manufacturers, and other Subcontractors.

14. Plant Design General Discussion:
   a. The DDR has been submitted to EPD. Approval of the DDR is anticipated within 3 to 4
      weeks.
   b. Influent flows and loadings for plant design are included in the DDR as well as permit
      effluent limits.
   c. The DDR was based on sequencing batch reactor (SBR) processes.
   d. Potential manufacturers for plant components have been included in the DDR. Other
      manufacturers may be considered by the County and will be discussed as part of the
      Phase 1 design process.
   e. Requirements for 30%, 60% and 80% design documents are included in Appendix 4.

15. Construction Phase General Discussion
   a. The County’s Consultant will provide periodic construction observation on the County’s
      behalf.
   b. Discussion of Construction Control and Facilities are included in Exhibit 5.
   c. Requirements for maintaining the Construction Schedule and Payments is included in
      Exhibit 6.

16. Minutes of Pre-SOQP Meeting
   a. Minutes of the Pre-SOQP meeting will be supplied to all respondents as part of an
      Addendum.
   b. A copy of the Pre-SOQP meeting sign in sheet will also be included with the Addendum.

17. Special considerations
   a. Carefully read entire RFQP.
18. Contractor Questions:

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

19. Site Visit
### PRE-SOQP CONFERENCE SIGN IN SHEET
February 26, 2019

**Owner:** BARROW COUNTY

**Engineer:** EMI ENGINEERING MANAGEMENT

**Project:** Tanner's Bridge Wastewater Treatment Facility Expansion to 1.0 MGD

<table>
<thead>
<tr>
<th>Firm Name</th>
<th>Individual(s)</th>
<th>Phone Number</th>
<th>Email</th>
<th>Will your firm be the primary respondent submitting the SOQP?</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMI</td>
<td>CHIP McGaughney</td>
<td>770-738-6048</td>
<td><a href="mailto:chip.mcgauhhey@emigilbert.com">chip.mcgauhhey@emigilbert.com</a></td>
<td>NO</td>
</tr>
<tr>
<td>Tetra Tech</td>
<td>Caleb Galmine</td>
<td>678-296-3887</td>
<td><a href="mailto:cgalmine@tetratech.com">cgalmine@tetratech.com</a></td>
<td>NO</td>
</tr>
<tr>
<td>Tetra Tech</td>
<td>David Laverse</td>
<td>(678) 372-1599</td>
<td><a href="mailto:david.laverse@tetratech.com">david.laverse@tetratech.com</a></td>
<td>NO</td>
</tr>
<tr>
<td>GARNEY</td>
<td>DAVE HALL</td>
<td>(678) 372-1599</td>
<td><a href="mailto:dhall@gary.com">dhall@gary.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>BARGE</td>
<td>MIKE ALEXANDER</td>
<td>678-515-9429</td>
<td><a href="mailto:mike.alexander@emigilbert.com">mike.alexander@emigilbert.com</a></td>
<td>TBD</td>
</tr>
<tr>
<td>BARGE</td>
<td>NEAL STUBBLEFIELD</td>
<td>404-395-6377</td>
<td><a href="mailto:neal.stubblefield@emigilbert.com">neal.stubblefield@emigilbert.com</a></td>
<td>TBD</td>
</tr>
<tr>
<td>Haskell</td>
<td>Michael Horsington</td>
<td>904-742-5941</td>
<td><a href="mailto:michael.horsington@haskell.com">michael.horsington@haskell.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>Templeton &amp; Assc.</td>
<td>Stanly Mine</td>
<td>678-521-6212</td>
<td><a href="mailto:templeton.associates@emigilbert.com">templeton.associates@emigilbert.com</a></td>
<td>NO</td>
</tr>
<tr>
<td>Crowder Costra</td>
<td>MIKE Pouwes</td>
<td>770-761-5578</td>
<td><a href="mailto:mike.powe@crowdercostra.com">mike.powe@crowdercostra.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>Crowder Constr</td>
<td>MARK Dickson</td>
<td>770-761-5578</td>
<td><a href="mailto:mark.dickson@crowdercostra.com">mark.dickson@crowdercostra.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>Reynolds Constr</td>
<td>Kevin Sherwood</td>
<td>770-969-4040</td>
<td><a href="mailto:kevin.sherrwood@reynolds.com">kevin.sherrwood@reynolds.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>Ruby-Collins Inc.</td>
<td>Mark Ramer</td>
<td>770 432 2400</td>
<td><a href="mailto:ramer@ruby-collins.com">ramer@ruby-collins.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>TCG</td>
<td>JOSH PETERSON</td>
<td>850-775-6347</td>
<td><a href="mailto:jspeterson@tceinc.com">jspeterson@tceinc.com</a></td>
<td>NO</td>
</tr>
<tr>
<td>Reeves Young</td>
<td>MATT McCORMACK</td>
<td>678-414-9875</td>
<td><a href="mailto:mcormack@reevesyoung.com">mcormack@reevesyoung.com</a></td>
<td>YES</td>
</tr>
<tr>
<td>Firm Name</td>
<td>Individual(s)</td>
<td>Phone Number</td>
<td>Email</td>
<td>Will your firm be the primary respondent submitting the SOQP?</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------</td>
<td>----------------</td>
<td>------------------------</td>
<td>-------------------------------------------------------------</td>
</tr>
<tr>
<td>PIED MONT GEO TECHNICAL</td>
<td>BOB STORY</td>
<td>770-752-9205</td>
<td><a href="mailto:BSOTRYE@PCEI.COM">BSOTRYE@PCEI.COM</a></td>
<td>No</td>
</tr>
<tr>
<td>Barrow County Public Works</td>
<td>Atron Hayes</td>
<td>316-307-3000</td>
<td><a href="mailto:ahayes@barrowga.gov">ahayes@barrowga.gov</a></td>
<td></td>
</tr>
<tr>
<td>Eco-Tech</td>
<td>Tom Wicke</td>
<td>404/401-9479</td>
<td><a href="mailto:tom.wicke@comcast.net">tom.wicke@comcast.net</a></td>
<td>No</td>
</tr>
<tr>
<td>GMC</td>
<td>Charles Welch</td>
<td>404-624-3893</td>
<td><a href="mailto:cwelch@gmc.net">cwelch@gmc.net</a></td>
<td>No</td>
</tr>
<tr>
<td>Constantine</td>
<td>Joe Downey</td>
<td>256-996-3333</td>
<td><a href="mailto:jdowney@ctegeng.com">jdowney@ctegeng.com</a></td>
<td>No</td>
</tr>
<tr>
<td>G-MC</td>
<td>Andy Pippen</td>
<td>4/281.55159</td>
<td><a href="mailto:andy.pippin@ge.com">andy.pippin@ge.com</a></td>
<td>No</td>
</tr>
<tr>
<td>Barrow County</td>
<td>Cindy Clarke</td>
<td>770-867-1977</td>
<td><a href="mailto:cclarke@barrowga.org">cclarke@barrowga.org</a></td>
<td>No</td>
</tr>
<tr>
<td>Barrow County</td>
<td>Mark Whidden</td>
<td>770-307-3014</td>
<td><a href="mailto:mwhidden@barrowga.org">mwhidden@barrowga.org</a></td>
<td>No</td>
</tr>
<tr>
<td>Barrow County</td>
<td>Dean Garrett</td>
<td>770-307-3014</td>
<td><a href="mailto:dgarrett@barrowga.vrgy">dgarrett@barrowga.vrgy</a></td>
<td>No</td>
</tr>
</tbody>
</table>