TASK ORDER

Task Order No. CDM-19-001-TO, consisting of 17 pages.

Task Order

In accordance with paragraph 1.01 of the Master Services Agreement between Owner and **CDM Smith, Inc.** ("Engineer") for Professional Services – Task Order Edition, dated September 30, 2016, ("Agreement"), Owner and Engineer agree as follows:

1. **Specific Project Data**

   A. Title: South Lake Water Treatment Plant Intake and Raw Waterline

   B. Description: Preliminary Engineering, Final Design, Bidding and Construction Services for the new South Lake Water Treatment Plant (SLWTP) raw water pump station and pipeline

   The plant will have a treatment capacity of 22 million gallons per day (MGD) with capabilities for expanding to 44 MGD in the future. The raw water supply facilities will include a raw water intake and pump station and 3,800 LF of raw water pipeline to carry water to the SLWTP.

   The SLWTP raw water pump station and raw water pipeline will be designed and packaged as two sets of construction documents. The work will be constructed in two separate construction contracts.

   C. City of Georgetown Project Number: 2BN

   D. City of Georgetown General Ledger Account No.: 660-9-0580-90-049

   E. City of Georgetown Purchase Order No.:

   F. Master Services Agreement, Contract Number: 2016-738-MSA

2. **Services of Engineer**

CITY OF GEORGETOWN, TEXAS
SOUTH LAKE WTP RAW WATER INTAKE AND PUMP STATION
SCOPE OF WORK

BACKGROUND

The City of Georgetown (OWNER) plans to construct a new South Lake Water Treatment Plant (SLWTP) near Lake Georgetown in the near future. The plant will have a treatment capacity of 22 million gallons per day (MGD) with capabilities for expanding to 44 MGD. The SLWTP will be supplied raw water from Lake Georgetown. The raw water supply facilities will include a raw water intake and pump station and 3,800 LF of raw water pipeline to carry water to the SLWTP.

The scope of work for this project includes engineering services associated with the preliminary and final design of the new South Lake WTP raw water intake and pump station and 3,800 LF of raw water pipeline. The water treatment plant facilities and treated water pipelines will be designed as part of a separate future task order. The scope of work also includes services during the bidding and construction of these facilities; permitting assistance and coordination with the Corps of Engineers (COE); and conceptual design of the SLWTP. The raw water intake and pump station will be designed and packaged as one single set of construction documents. The associated raw water pipeline will be designed and packaged as a second separate set of construction documents. The work will be constructed in two separate construction contracts.

1. SCOPE OF SERVICES

ENGINEER shall provide for OWNER the following specific Services:

Phase 1 - Preliminary Engineering

Under Phase 1, ENGINEER coordinate all permit issues and prepare necessary permit applications for implementing the new Raw Water Intake and Pump Station and raw water pipeline. ENGINEER will develop a Preliminary Engineering Report (PER) with 30% complete drawings for the Raw Water Intake and Pump Station and raw water pipeline. The following tasks will be performed as part of Phase 1.

1.0 General Tasks

Task 1.0.1 – Project Management. ENGINEER will provide general project management throughout the project to include oversight and coordination of all of ENGINEER's efforts executing the work internally and with OWNER. ENGINEER will monitor scope, schedule and budget and will prepare a project management plan. ENGINEER will provide a project status report to the OWNER with the monthly invoice.

Deliverables: Monthly invoices and status reports (electronic copies)

Task 1.0.2 – Project Meetings. Project progress meetings will be held during the course of the Preliminary Design Phase with the OWNER's staff to discuss aspects of the project presently underway, project schedule, and upcoming issues. These meetings will generally be about two to three hours in duration and are not intended to be formal presentations. The appropriate ENGINEER team members will attend the meetings to discuss pertinent issues. Two progress meetings are planned for this phase of the project.

Deliverables: Meeting agenda and meeting summaries (electronic copies)

Task 1.0.3 – Quality Assurance/Quality Control. ENGINEER will follow internal Quality Management procedures throughout the project related to checking and reviewing procedures. The Preliminary Engineering Report and 30% Drawings will be submitted to the ENGINEER Technical Review Committee (TRC) for review. The review will provide comments and suggestions concerning process viability and implementation, site planning, and project scheduling.

Deliverables: Review Comment Response Memorandum and tracking spreadsheet (electronic copies)

Task 1.0.4 – Review Meetings. A review meeting with OWNER's staff will be conducted for the PER and 30% Design documents. This meeting will be held approximately one to two weeks following submittal of the drawings to provide time for review. The review meeting will be approximately 4 hours. Following their review, OWNER's staff will provide written comments to ENGINEER. ENGINEER will provide written responses to these questions.

Deliverables: Review Comment Response Memorandum and tracking spreadsheet (electronic copies)

Task 1.0.5 – Surveying. ENGINEER will conduct a topographical survey for the raw water intake and pump station site and raw water pipeline route. Four (4) primary survey control monuments will be established along the project route. Coordinate values will be reconciled with NAD 83 State Plane Coordinates, Central Zone 4203, US Survey feet and NAVD 88 for vertical control datums.

Engineer will also provide boundary survey and up to two permanent easements with survey plats for the pipeline route. It is assumed that temporary construction easement will be referenced as adjacent to and parallel with the permanent easements.

Deliverables: None

Task 1.0.6 – Geotechnical Engineering. ENGINEER will take soil borings and perform geotechnical work for the water treatment plant site, raw water pump station and raw water pipeline route. 32 borings will be taken. Laboratory analyses will be prepared on the soil samples. A geotechnical report will be prepared to include the results of the analyses and geotechnical recommendations for the design of foundations for the proposed structures. Clearing of the site for access by drilling equipment is not included in the scope.

Deliverables: Geotechnical Report (One hard copy and electronic copy in .pdf format)

Task 1.0.7 – Environmental and Archaeological Services. ENGINEER will perform environmental and archaeological services of the raw water intake and raw water pipeline route. The following assessments will be provided:

- Jurisdictional Waters Assessment
- Endangered Songbird Habitat Assessment
- Karst Feature Survey
- Spring Survey Report to comply with the City of Georgetown Water Quality Ordinance
- Archaeological Survey and THC Antiquities Code permit application
- Hazardous Materials Screen

Memorandum or reports will be prepared and submitted presenting the findings.

Deliverables: Environmental and Archaeological Report (one hard copy)

1.1 Evaluation Tasks

Several items will be evaluated during the Preliminary Design Phase to determine the best means for implementation into the Final Design. ENGINEER will review findings for these evaluations with OWNER's staff and, after agreement is reached, incorporate agreed upon changes within the Preliminary Design.

Task 1.1.1 – Electrical Power Assessment and Evaluation. A new electrical power delivery system will be required for the new South Lake WTP Raw Water Pump Station to provide sufficient reliable power to the raw water pump station and future SLWTP. ENGINEER will conduct an evaluation of alternatives for power delivery to these sites. ENGINEER will update and further develop the electrical loads for the new facilities to determine the initial and ultimate power requirements for the new facilities.

ENGINEER shall coordinate and with the electric utility in developing the recommended alternatives for providing power to the sites. ENGINEER shall conduct meetings with the electric utility and OWNER's staff throughout the evaluation process. Upon completion of the evaluation, ENGINEER shall prepare a memorandum summarizing and documenting the selected alternative for power delivery.

Deliverables: Electrical Power Assessment Technical Memorandum (electronic copy)

Task 1.1.2 – Pump Station Hydraulics. ENGINEER will perform hydraulic evaluations and analyses for the raw water pump station and pipeline. System head curves will be developed for various operating conditions so that the new raw water pumps can be sized for the desired flow rates. ENGINEER will evaluate the number of pumps and pump capacity to be used for the new raw water pump station. Transient and surge analyses will be conducted for the raw water pump station and pipeline.

Deliverables: Summary Technical Memorandum for Hydraulics (raw water pump station system curves) and Transient and surge analyses report (electronic copies)

Task 1.1.3 – Architectural Concept Development. ENGINEER will discuss potential architectural ideas with OWNER staff and develop an architectural concept for the pump station electrical building. ENGINEER will produce architectural elevations for submittal.

Deliverables: Architectural concept sketches and drawings, preliminary architectural elevations.

Task 1.1.4 – Permits / Code Review. ENGINEER will conduct a preliminary assessment of all project related code and permit requirements and develop a memorandum outlining the issues to be included during the design phase of the project. Engineer will coordinate with the COE during the project to assist with obtaining necessary permits.

Deliverables: Permits and Code Review Memorandum

1.2 Preliminary Design

Task 1.2.1 – Project Planning and Design Development. ENGINEER will develop the conceptual design and layout of the new SLWTP based on a conventional treatment process. A process flow diagram and water balance will be developed to determine the plant flows necessary for providing the desired plant production capacity of 22 mgd and future 44 mgd.

ENGINEER will develop design criteria for the new plant facilities and civil site layouts of the new plant to allow the environmental, geotechnical, and surveying work to be performed. An electrical load list will be developed for the new plant facilities to enable incoming power requirements to be determined. An overall process flow diagram for the plant facilities will be developed. A site plan drawing will be provided to include locations of structures and buildings, roadways and parking, site fencing, and other facilities.

Deliverables: Conceptual Design Memorandum for Planning and Development (electronic copy)

Task 1.2.2 - Preliminary Engineering Report and 30% Drawings. ENGINEER will prepare a Preliminary Engineering Report (PER) and 30% complete design drawings for the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline project that will incorporate the work performed in Task 1.1. The PER will include all design criteria and the proposed list of major equipment, electrical load list. The 30% drawings will include site plan, piping plans, preliminary paving and grading plans, layouts of facilities, structures and buildings, process, mechanical and instrumentation diagrams (PMIDs), electrical one-line diagrams, I&C system architecture. The PER will serve as the guide for developing the detailed final design.

Deliverables: Preliminary Engineering Report and 30% Drawings (five hard copies of report and ½ size drawings and electronic copies)

Task 1.2.3 – Preliminary Project Cost Estimates. ENGINEER will develop preliminary opinions of probable construction costs for the Raw Water Intake and Pump Station and raw water pipeline.

Deliverables: 30% Opinion of Probable Cost

Phase 2 - Final Design

ENGINEER will develop contract documents for bidding and construction of the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline project. The final design will be based on the work developed in Phase 1 – Preliminary Engineering.

2.0 General Tasks

Task 2.0.1 – Project Management. ENGINEER will perform project management duties through the Final Design Phase, including tracking budget and schedule, producing monthly status reports and invoicing.

Deliverables: Monthly invoices and project status reports (electronic copies)

Task 2.0.2 – Project Meetings. Project progress meetings will be held during the course of the Final Design Phase with the OWNER's staff to discuss aspects of the project presently underway, project schedule, and upcoming issues. These meetings will generally be about two to three hours in duration and are not intended to be formal presentations. The appropriate ENGINEER team members shall attend the meetings to discuss pertinent issues. Three progress meetings are planned for this phase of the project.

Deliverables: Meeting agenda and summaries (electronic copies)

Task 2.0.3 – Quality Assurance/Quality Control. The 60% complete plans and specifications will be submitted to the ENGINEER Technical Review Committee (TRC) for review. The review will include process and technical feasibility, constructability, discipline coordination, and plans and specification coordination. The 90% complete plans and specifications will be submitted to senior level staff for a "red-yellow-green" quality check to ensure coordination and constructability.

Deliverables: TRC Comment Response Memoranda and tracking spreadsheet (electronic copies)

Task 2.0.4 – Review Meetings. Review meetings with OWNER staff will be conducted for the 60% and 90% complete plans and specifications. These meetings will be held approximately two weeks following submittal of the documents to provide time for review. It is anticipated that review meetings, approximately 2 hours each, will be conducted at both the 60% and 90% completion. Following their review, OWNER staff will provide written comments to ENGINEER. ENGINEER will provide written responses to these questions.

Deliverables: Review Comment Response Memoranda and tracking spreadsheet (electronic copies)

2.1 Regulatory and Permitting Tasks

Task 2.1.1 – TCEQ Coordination. ENGINEER will review documents for compliance with TCEQ rules and regulations and submit necessary documents to TCEQ for review and approval of the water supply source and new intake and pump station facilities. ENGINEER will submit the PER and 100% complete plans and specifications to TCEQ for review. Upon receipt of plan review comments, ENGINEER will respond in writing and make necessary changes to the contract documents.

Deliverables: Letter response to TCEQ review comments. (electronic copy)

Task 2.1.2 – Texas Department of Licensing and Regulation (TDLR) Coordination. ENGINEER will obtain the services of a Registered Accessibility Specialist (RAS) and submit 100% plans and specifications to the RAS for review to obtain approval through TDLR. Upon receipt of comments, ENGINEER will make necessary changes in the contract documents to ensure accessibility compliance. RAS will also provide follow-up review following construction.

Deliverables: Copy of TDLR permit application (electronic copy)

Task 2.1.3 – Miscellaneous Permits. Based on the results of Task 1.1.4, ENGINEER will apply for any necessary permits required for construction of the Raw Water Intake and Pump Station and raw water pipeline, including those required for the COE and County and State agencies.

Deliverables: Copy of permit applications (one hard copy and electronic copy)

Task 2.1.4 – Stormwater Pollution Prevention Plan (SWPPP). ENGINEER will prepare SWPPPs for the South Lake WTP Raw Water Pump Station and raw water pipeline to be used by the Contractors during construction of the two projects.

Deliverables: SWPPPs

Task 2.1.5 – Edwards Aquifer Permits. ENGINEER will prepare necessary water pollution abatement plan (WPAP) permit for TCEQ as related to the Edwards Aquifer.

Deliverables: WPAP permits

2.2 South Lake WTP Raw Water Intake and Pump Station Design

The design services for the South Lake WTP raw water supply facilities will include the Raw Water Intake and Pump Station, an electrical building, and the 3,800 LF raw water pipeline. The project will also include: piping; access roadways; site grading and drainage; miscellaneous meter and valve vaults; electrical; high voltage power supply system; I&C system; and HVAC and plumbing.

Task 2.2.1 – 60% Plans and Specifications. The plans and specifications for the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline will be completed to a 60% level and submitted to OWNER for review and comment. ENGINEER will use General Conditions approved by the OWNER and modify as necessary in Supplementary Conditions to fit this project. Documents shall include General and Special Conditions, Bid Proposal Forms, Instructions to Bidders, and all other sections generally considered to be necessary for solicitation of bids. The 60% review documents shall be defined and consist of the minimum level of completion by the following disciplines:

- General/Standard Sheets - 70%
- Process Mechanical - 70%
- Civil - 70%
- Structural - 60%
- Architectural – 60%
- HVAC and Plumbing – 50%
- Instrumentation & Control - 70%
- Electrical - 50%
- Specifications - 40%

Deliverables: Electronic copy and five hard copies of half-size plans and specifications (60% Complete)

Task 2.2.2 – 90% Plans and Specifications. The plans and specifications for the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline will be completed to a 90% level and submitted to OWNER for review and comment. The 90% review documents shall be defined and consist of the minimum level of completion by the following disciplines:

- General/Standard Sheets - 95%
- Mechanical - 95%
- Civil - 95%
- Structural - 90%
- Architectural – 90%
- HVAC and Plumbing – 90%
- Instrumentation & Control - 90%
- Electrical - 90%
- Specifications - 90%

Deliverables: Electronic copy and five hard copies of half-size plans and specifications (90% Complete)

Task 2.2.3 – Final Plans and Specifications. The plans and specifications for the South Lake WTP Raw Water Intake and Pump Station and the raw water pipeline will be finalized based on comments from OWNER and ENGINEER reviewers. ENGINEER will seal and sign the completed documents. ENGINEER will provide five sets of 100% sealed documents to OWNER for final review. These documents will also be submitted to COE, TCEQ, TDLR, and other agencies for review/approval per Tasks 2.1.1, 2.1.2, 2.1.3, 2.1.4 and 2.1.5. ENGINEER shall update plans and specifications with any final comments prior to bidding.

Deliverables: Electronic copy and five sets of final documents

Task 2.2.4 – Cost Estimates. ENGINEER will prepare opinions of probable construction cost for the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline construction project based upon 60% complete documents and the 90% documents.

Deliverables: Opinions of Probable Construction Cost (60% and 90%)

Phase 3 - Bidding Phase

After acceptance by OWNER of the ENGINEER's Drawings, Specifications and other Design Phase documentation (including the most recent Opinion of Probable Construction Cost), and upon written authorization to proceed, ENGINEER shall perform bidding services as presented in the Phase 3 tasks below. The Bidding Phase is assumed to last for three months.

3.0 General Tasks

Task 3.01 – Project Management. Engineer will perform project management duties, similar to those in previous phases, throughout the Bidding Phase of the project.

Deliverables: Monthly invoices and status reports (electronic copies).

3.1 Bidding Tasks

Task 3.1.1 – Advertisement and Document Distribution. Engineer will prepare Advertisement for Bid for use by the City in advertising the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline project. Engineer will reproduce and distribute contract documents to prospective bidders and vendors and maintain a log of distribution for the project. Engineer will provide 20 sets of half-size drawings and specifications for the South Lake WTP project for distribution. In addition, Engineer will provide 10 sets of full size drawings for distribution. Five of these sets will be for Contractor use. Engineer will submit documents to plan rooms.. Engineer will maintain a list of plan holders for distribution.

Deliverables: Advertisement for Bid, Plans and Specifications for Distribution, Plan Holders List.

Task 3.1.2 – Pre-Bid Conference. Engineer will attend the pre-bid conference the project and answer, by written addenda, contractors' and suppliers' functional and technical questions during bidding phase.

Deliverables: Pre-bid meeting agenda and meeting minutes

Task 3.1.3 – Clarifications and Addenda. Engineer will provide clarifications and answer questions from prospective bidders and vendors during the bidding phase for each of the two construction projects. If necessary, such clarifications will be included in addenda.

Deliverables: Addenda

Task 3.1.4 – Bid Openings and Evaluation. Engineer will attend bid opening, review bids, and assist with recommendations of contract award for the construction project.

Deliverables: Bid tabulations and recommendations of award

Task 3.1.5 – Conformed Documents. Engineer will prepare conformed documents for the construction project, incorporating addenda items into the plans and specifications, and provide 10 sets of ½ size plans and specifications and 5 sets of full size plans for use by City staff and Contractor during construction.

Deliverables: Conformed documents

Task 3.16 – Contract Documents. Engineer shall prepare three sets of contract documents for each of the construction contracts, with appropriate bonds, insurance, contracts, and other forms, for contracts between the City and Contractor. Engineer shall prepare five sets of conformed contract documents that do not include the executed contracts, bonds or certificate of insurance that the general contractor can distribute to subcontractors and suppliers.

Deliverables: Construction contract documents

Phase 4 – Construction Services

Under Phase 4 of the project, Engineer will provide general services during the construction of the South Lake WTP and the treated water pipelines projects. The construction phase is assumed to last for 24 months.

4.0 General Tasks

Task 4.0.1 – Project Management. Engineer will perform project management duties, similar to those in previous phases, throughout the Construction Phase of the project.

Deliverables: Monthly invoices and status reports (electronic copies).

Task 4.0.2 – Monthly Construction Meetings. Engineer will attend monthly construction progress meetings with City, and Contractor for the South Lake WTP Raw Water Intake and Pump Station and raw water pipeline project. Engineer will provide, on average, one person per meeting over a 12-month construction period for the project. It is assumed that these meetings will last four hours, including pre and post meetings at the site.

Deliverables: Meeting agenda and summaries (electronic copies)

Task 4.0.3 – Site Visits. Engineer will make periodic visits to the project site to observe the progress and quality of various aspects of the construction contractors' work for the project. Engineer will participate in substantial completion and final completion inspections.

Deliverables: None

4.1 Submittal Review Tasks

Task 4.1.1 – Submittal Log. Engineer will log-in, track, and distribute submittals to the various disciplines and subconsultants.

Deliverables: None

Task 4.1.2 – Shop Drawings. Engineer will perform technical and functional review of all shop drawings and other submittals. It is estimated that 100 shop drawings will be submitted for the South Lake WTP Raw Water Intake and Pump Station project.

Deliverables: Shop drawing review comments (electronic copies)

Task 4.1.3 – RFIs. Engineer will respond to all RFIs submitted by the contractor and subcontractors. It is estimated that 50 RFIs will be submitted for the project.

Deliverables: RFI responses (electronic copies)

Task 4.1.4 – Change Order Requests. Engineer will review and comment on all Change Order requests and initiate Change Order requests when appropriate. It is estimated that 10 Change Order Requests will be submitted for the project.

Deliverables: Change request documents (electronic copies)

Phase 5 – Start-up and Operations Services

Under Phase 5 of the project, Engineer will assist the City in the start-up of the new South Lake WTP Raw Water Pump Station and provide record documentation. These services will be provided during the last two months of construction.

5.0 General Tasks

Task 5.0.1 – Project Management. Engineer will perform project management duties, similar to those in previous phases, throughout the Start-up and Operations Phase of the project.

Deliverables: Monthly invoices and project status reports.

Task 5.0.2 – Pump Station Start-Up. Engineer will provide up to 40 hours of assistance during start-up to ensure the pump station is operating as designed.

Deliverables: None

5.1 Records and Documentation

Task 5.1.1 – Record Drawings. Engineer will prepare Record Drawings for the construction project based on Contractor's red-line markups of the conformed field plans. The Record Drawings will be produced with AutoCad. The Record Drawings will be delivered to the City in electronic and hard copy format.

Deliverables: Electronic and five hard copies of Record Drawings

2.

3. **Owner's Responsibilities**

Owner shall have those responsibilities set forth in the Agreement subject to the following:

1. Designate a person to act as City's representative with respect to the services to be performed or furnished by the Professional. This representative will have authority to transmit instructions, receive information, interpret and define City's policies and decisions with respect to Professional's services.
2. Provide all criteria and full information as to City's requirements for the project, including objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and furnish copies of all design and construction standards which City will require to be included in the Project Drawings and Specifications.
3. Assist Professional by placing all available information pertinent to the Project, including previous reports and any other data relative to the design or construction of the Project at the Professional's disposal.
4. Furnish to Professional, as requested for performance of basic services or as required by the Contract Documents, the following:
    a) Data prepared by or services of others, including without limitation explorations and tests of subsurface conditions at or contiguous to the site, drawings of physical conditions in or relating to existing surface of subsurface structures at or contiguous to the site;
    b) The services of an independent testing laboratory to perform all inspections, test and approvals of samples, materials and equipment;
    c) Environmental assessments, audits, investigations and impact statements, and other relevant environmental or cultural studies as to the Project, the site and adjacent areas;
    d) Arrange for access to and make all provisions for Professional to enter upon public and private property as required for Professional to perform services under this Task Order;
    e) Examine all alternate solutions, studies, reports, sketches, proposals and other documents presented by Professional;
    f) Provide such accounting, bond and financial advisory, independent cost estimating and insurance counseling services and such legal services as City may require or Professional may reasonably request with regard to legal issues pertaining to the Project;
    g) Provide labor and safety equipment to open electrical/instrumentation cabinets, open and protect manholes and/or to operate valves and hydrants as required by the Professional; and

h) Give prompt notice to Professional whenever City observes or otherwise becomes aware of any development that affects the scope or time of performance or furnishing of Professional's services, or any defect or nonconformance in Professional's services in the work of any Contractor.

4. **Times for Rendering Services**

Phase	Completion Date
Preliminary Engineering	180 days following Notice to Proceed
Final Design	245 days following Completion of Preliminary Design
Bidding	90 days following Completion of Final Design
Construction	To be Concurrent with the Construction Schedule (Estimated 24 months)

5. **Payments to Engineer**

A. Owner shall pay Engineer for services rendered as follows:

Category of Services	*Compensation Method*	*Lump Sum or Not to Exceed Amount of Compensation for Services*
BASIC SERVICES		
Preliminary Engineering	**(Lump Sum)**	**$ 396,745**
Raw Water Pump Station		
Final Design		$ 568,380
Bidding		$ 94,061
Construction Services		$ 353,000
Operations and Start-Up Services		$ 25,000
Total Basic Services	**(Lump Sum)**	**$ 1,040,441**
Raw Water Pipeline		
Final Design		$ 95,600
Bidding		$ 30,500
Construction Services		$ 53,000
Operations and Start-Up Services		$ 3,000
Total Basic Services	**(Lump Sum)**	**$ 182,100**
SPECIAL SERVICES		
Surveying		$ 37,778
Geotechnical		$ 89,775
Environmental and Archaeological Services		$ 34,800
Total Special Services	**(Time and Materials)**	**$ 162,362**
Total Contract Value		**$ 1,781,648**

B. The terms of payment are set forth in Article 4 of the Agreement unless modified in this Task Order.

6. **Consultants:**

Kohutek Engineering and Testing (Geotechnical)

Inland Geodetics (Surveying)

aci Consulting (Enviornmental)

7. **Other Modifications to Agreement:**

None.

8. **Attachments:**

None.

9. **Documents Incorporated By Reference:** The Agreement effective September 30, 2016.

TASK ORDER

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____, 20____.

OWNER:	ENGINEER:
By: _____	By: _____
Name: Dale Ross	Name: Allen Woelke, P.E.
Title: Mayor, City of Georgetown	Title: Vice President
	Engineer License or Firm's Certificate No. F-3043
	State of: Texas
Date: _____	Date: _____
ATTEST:	APPROVED AS TO FORM:
_____	_____
Shelley Nowling, City Secretary	City Attorney

TASK ORDER

DESIGNATED REPRESENTATIVE FOR TASK ORDER:		DESIGNATED REPRESENTATIVE FOR TASK ORDER:	
Name:	Michael Hallmark	Name:	Allen Woelke
Title:	CIP Manager	Title:	Vice President
Address:	300-1 Industrial Ave. Georgetown, TX 78626	Address:	9430 Research Blvd Suite 1-200 Austin, TX 787
E-Mail Address:	Michael.Hallmark@georgetown.org	E-Mail Address:	woelkead@cdmsmith.com
Phone:	512-930-3569	Phone:	512-346-1100
Fax:		Fax:	512-345-1483