

EXHIBIT A

SCOPE OF WORK

CITY OF CORPUS CHRISTI ONSWTP Weir Improvements - Basins 3 & 4 CITY PROJECT NO. 23025

SCOPE OF SERVICES:

City of Corpus Christi (City) owns and operates the O.N. Stevens Water Treatment Plant (ONSWTP) that treats a blend of surface waters from Choke Canyon and Lake Corpus Christi (via the Nueces River) and Lake Texana and the Colorado River (via the Mary Rhodes Pipeline). The ONSWTP uses a conventional water treatment process (coagulation, flocculation, sedimentation, filtration) for removal of turbidity and naturally occurring organic matter.

ONSWTP has two separate treatment trains that they identify as Plant 1 and Plant 2. Plant 1 consists of a primary and secondary settling basins 1 and 2, filters, a 4 MG Clearwell 1 and a High Service 2 pump station. Similarly, Plant 2 consists of primary and secondary basins 3 and 4, filters, a 10 MG Clearwell 2 and a High Service 3 pump station. Secondary Basins 3 and 4 are equipped with finger-style weirs that extend too far into the treatment zones, causing uneven flow distribution and potentially disrupting flow patterns and treatment efficiency. There have been reports of issues of solids carry over and caustic deposits over the weir area and filter media in Plant 2, and obvious short circuiting on windy days. The proposed upgrade to the weir type and configuration is intended to enhance hydraulic performance by improving flow distribution and optimizing solids settling efficiency. Up to 3 alternatives, including straight weir configuration shall be evaluated in the preliminary phase. Plant 1 secondary sedimentation basins are currently equipped with straight weirs, which have deteriorated over time and now require replacement. Accordingly, the scope has been expanded to include evaluation of the current condition of the existing weirs at Plant 1 secondary basins and development of a rehabilitation or replacement recommendation in the preliminary phase. This recommendation will enable the City to make an informed decision based on findings and available funding on whether to include Plant 1 weir improvements as part of this project or the same bid package. The additional effort required for design, bidding, and construction support associated with the expanded scope for the Plant 1 secondary weirs assuming it bids concurrently with the Plant 2 secondary weirs is presented as an additional service.

Scope of services for this proposal includes Basic Services (Preliminary Phase, Design Phase, Bid Phase & Conformed Documents, and Construction Phase) plus other Additional Services, as listed below.

A. BASIC SERVICES

1 Preliminary Phase

Prior to the preparation of detailed plans and specifications, the Engineer will develop a Preliminary Design (30% Design) for the required project elements. The purpose of the Preliminary Design phase is to develop an adequate definition of the project to enable the Detailed Design phase to proceed without significant changes. A prerequisite to the preparation of plans and specifications is the development of a specific Preliminary Engineering Report (PER) that incorporates the project site conditions and constraints, summarizes the rationale for each major detailed design decision, and process descriptions for each component and system incorporated into the project. The PER and 30% design will establish the design parameters, criteria, and concepts necessary for the preparation of detailed plans and specifications.

The Engineer will:

- a. Perform project management tasks such as managing schedule, managing deliverables on E-builder, submitting monthly invoices to City for payment during preliminary phase of the project. The Engineer will also prepare and submit monthly status reports to the City with the monthly invoice. Monthly status reports will comprise of a one-page summary of the progress to date on the project, work completed during the prior month, work anticipated to be completed during the upcoming month, and discussion of any scope, schedule, or budget issues that may need to be resolved. The level of effort is assumed to be 1-hr every week.
- b. Conduct a Project Kick-off meeting to confirm user requirements for key elements concerning design, budget and schedule. For this, the Engineer will prepare a meeting agenda during the Project Kick-off Meeting the Engineer's team will take notes regarding the proceedings of the meeting. Engineer will transcribe and distribute the meeting notes into formal meeting minutes.
- c. Perform condition assessment using visual inspection and operator interviews for the current condition of the secondary basins. The purpose of this task would be to determine upgrades needed to these existing facilities for assessing existing weirs and identify needed improvements. Four (4) 4-hour site visits are anticipated for this effort.
- d. Prepare and evaluate up to 3 alternatives for weir design for secondary Basin 3 and 4.
- e. Provide recommendations for secondary basins 1 & 2 weir rehabilitation
- f. Perform hydraulic evaluation for 54 MGD flow from the secondary sedimentation basins to filter sections and outline any improvements if necessary while evaluating alternatives.
- g. Develop preliminary site plan layouts showing the location of proposed improvements.
- h. Determine preliminary structural loadings and structural element sizing.

- i. Prepare preliminary opinions of probable construction costs for the pertinent design scope identified.
- j. Provide regular progress meetings used to coordinate ongoing issues, discuss project status and obtain input from the City. Engineer will prepare meeting minutes and will finalize and distribute after review by the City's Staff. Up to two (2) two-hour progress meetings or site visits with utility and engineering services staff are anticipated through the Preliminary Phase and distribute meeting minutes and meeting report within seven (7) working days of the meeting. The Engineer will participate in discussions with the operating department and other agencies (such as Texas Commission of Environmental Quality (TCEQ)) as required to satisfactorily complete the Project.
- k. Prepare a project schedule that summarizes all of the major tasks of the project and the critical path of the project. Engineer will update the project schedule as the project progresses or changes occur throughout the preliminary phase.
- l. Provide a Quality Assurance and Quality Control review of preliminary drawings and PER.
- m. Prepare and submit electronic copy of the Draft PER through eBuilder that documents the analyses, approach, opinions of probable construction costs, and documents the work with text, executive summary, tables, schematic-level exhibits and computer models or other applicable supporting documents as necessary. Design Memorandum will include the following:
 - Review of the Project with the respective Operating Department(s) and discussions including clarification and definition of intent and execution of the Project; The Engineer will meet with City staff to collect data, discuss materials and methods of construction, and identify design and construction requirements.
 - Review and investigation of available records, archives, and pertinent data related to the Project including taking photographs of the Project site, list of potential problems and possible conflicts, intent of design, and improvements required, and conformance to relevant Master Plan(s).
 - Identify results of site field investigation including site findings, existing conditions.
 - Provide a presentation of pertinent factors, sketches, designs, cross-sections, and parameters which will or may impact the design, including engineering design basis, preliminary layout sketches, identification of needed additional services, preliminary details of construction of critical elements, identification of needed permits, identification of specifications to be used, identification of quality and quantity of materials of construction, and other factors.

- Identify and analyze requirements of governmental authorities having jurisdiction to approve design of the Project and permitting, environmental, construction issues; and meet with pertinent authorities.
 - Confer, discuss, and meet with City operating department(s) and Engineering Services staff to produce a cohesive, well-defined proposed scope of design, probable cost estimate(s) and design alternatives.
 - Provide an analysis on project impacts towards "re-engineering" and effects on cost savings toward City operations or improvements in water quality, if applicable, which this project will affect.
- n. Upon Draft submittal, Conduct Project review workshop with City staff to review recommendations. Prepare PowerPoint presentation, handouts, exhibits and meeting notes as necessary.
- o. Assimilate all City review comments on the DRAFT PER and submit the Final PER electronic copy through eBuilder.

2. Design Phase.

Upon approval of the preliminary phase, the Engineer will:

- a. Study, verify, and implement the PER recommendations including construction sequencing, connections to the existing facilities, and restoration of property and incorporate these plans into the construction plans. Development of the construction sequencing will be coordinated with the City Operating Department(s) and Engineering Services staff. The purpose of the plan is to provide the Contractor a sequence to perform their construction activities in such a manner that allows for continuous operation of all essential plant facilities to meet demands throughout the construction period. The Engineer will evaluate sequencing alternatives based on cost if applicable and impacts to plant operations, coordination and review of the developed alternatives with plant staff. A preferred alternative will be finalized and included in the contract documents. The goal is to ensure the continuation of operations at the plant while maintaining the plant's capability to treat water.
- b. Continue to perform project management tasks such as managing schedule, managing deliverables on E-builder, submitting monthly invoices to City for payment during detailed design phase of the project. The Engineer will also prepare and submit monthly status reports to the City with the monthly invoice. Monthly status reports will comprise of a one-page summary of the progress to date on the project, work completed during the prior month, work anticipated to be completed during the upcoming month, action items and discussion of any scope, schedule, or budget issues that may need to be resolved. The level of effort is assumed to be 1-hr per week.

- c. Perform wind pressure calculations in accordance with the International Building Code 2003/2006 for all building envelopes to ensure all component and cladding elements meet or exceed the requirements of TDI for Windstorm.
- d. Provide Quality Assurance/Quality Control (QA/QC) measures to ensure that all submittals of the interim and final complete plans and complete bid documents with specifications accurately reflect the percent completion designated and do not necessitate an excessive amount of revision and correction by City.
- e. Provide regular progress meetings and/or site visits to coordinate ongoing issues, discuss project status and obtain input from the City. Up to three two-hour progress meetings/site visits with utility and engineering services staff are anticipated through the design phase.
- f. Prepare construction plans in City standard format for the work identified in the approved PER to a 60% level of completion.
- g. Prepare construction (technical) specifications in City standard format for the work identified in the approved PER to a 60% level of completion.
- h. Development of Opinion of Probable Construction Cost (OPCC) per plans and specification to a 60% level.
- i. Furnish one (1) set of the interim 60% submittal (electronic and 1 hard copy using City Standards as applicable) to the City staff for review and approval purposes with estimates of probable construction costs. Identify distribution list for plans and bid documents to all affected franchise utilities. Submit the required plan executive summary, project checklist & drawing checklist which will identify and summarize the project by distinguishing key elements and opinion of probable project costs.
- j. Hold Project 60% review meeting (three-hour duration approx.). Prepare meeting agenda and distribute meeting minutes to attendees.
- k. Assimilate all review comments, as appropriate and, upon Notice to Proceed, update 60% plans and prepare additional sheets as necessary to complete the plans to 100% level of completion.
- l. Update 60% specifications and add sheets to complete the plans to 100% level of completion.
- m. Prepare City Standard Front-end documents to a 100% of completion.
- n. Update the Opinion of Probable Construction Cost (OPCC) to achieve a 100% level of completion.

- o. Provide one (1) set of the 100% plans and bid documents (electronic and hard copy using City Standards as applicable) to the City staff for review and approval purposes with revised estimates of probable costs. Plan executive summary, project checklist and plan checklist.
- p. Hold Project 100% plan review meeting (three-hour duration approx.). Prepare meeting agenda and distribute meeting minutes to attendees.
- q. Assimilate all review comments, as appropriate and, upon Notice to Proceed, update 100% plans to a final sign and sealed level.
- r. Update 100% specifications to final level of completion based on City comments.
- s. Update City Standard Front documents to a final level of completion. Coordinate with City's procurement department as necessary.
- t. Update the Opinion of Probable Construction Cost (OPCC) based on City comments.
- u. Provide final signed and sealed plans and bid documents (electronic and 1 hard copy using City Standards as applicable) to the City staff for project advertisement. Update plan executive summary and prepare project checklist and plan checklist. Said bid documents henceforth become the shared intellectual property of the City of Corpus Christi and the Engineer.

Scope Assumptions:

- Meetings will be held at ONSWTP.
- Utilities and Engineering Services Staff will attend progress meetings.
- Engineer's staff working on the project will remotely dial in by phone as necessary.
- The City staff will:
 - Designate an individual to have responsibility, authority, and control for coordinating activities for the Project.
 - Provide the budget for the Project specifying the funds available for the construction contract.
 - Provide electronic copy of the City's standard specifications, standard detail sheets, standard and special provisions, and forms for required bid documents.
- v. Provide a Storm Water Pollution Prevention Plan if deemed necessary.

3. Bid Phase & Conformed Documents

The Engineer will:

- a. Perform project management tasks such as managing schedule, managing deliverables on E-builder, submitting monthly invoices to City for payment during bid phase. The Engineer will also prepare and submit monthly status reports to the City with the monthly invoice. The level of effort is assumed to be 2-hr per month.
- b. Attend pre-bid meeting and provide a recommended agenda for critical construction activities and elements impacted the project.
- c. Assist the City in preparing addenda and make revisions to plans and specifications as necessary. Review all pre-bid questions and submissions concerning the bid documents and prepare, in the City's format, for the Engineering Services' approval, any addenda or other revisions necessary to inform contractors of approved changes prior to bidding.
- d. Attend bid opening.
- e. Review bids and verify bidder references for completeness, balance of bid items, and responsiveness, and prepare a tabulation of bid prices and recommendation of letter.
- f. In the event the lowest responsible bidder's bid exceeds the project budget as revised by the Engineering Services in accordance with the Engineer's design phase estimate required above, the Engineer will, without additional fee, confer with City staff to review the bid results and identify mutually agreed-upon revisions to the bid documents intended to bring the Project within budget. These revisions will be limited to reasonable, targeted changes such as adjustments to bid forms or extending allowable shutdown windows and will be incorporated for re-advertisement of the affected portion of the Project. Any substantial redesign or scope changes beyond these reasonable revisions may be subject to additional compensation as agreed in writing.
- g. Assimilate all addenda changes and issue a set of conformed contract documents to the City and Contractor.
- h. Attend City Council Meeting readings and provide support to City Staff as needed during presentation. (up to four 1-hour meetings are anticipated for this effort).

Scope Assumptions:

- The effort for bid phase is based on traditional design-bid contract award strategy typically adopted by the City. Effort for alternate bid strategy is not included in this proposal.
- The City staff will:

- Designate an individual to have responsibility, authority and control for coordinating activities for reviewing bids and the construction contract award.
- Provide the City's updated standard specifications, standard detail sheets, standard and special provisions and forms for required bid documents.
- Advertise the projects for bidding, maintain a list of prospective bidders, receive and process deposits for all bid documents, issue (with assistance of Engineer) any addenda, prepare and supply bid tabulation forms, and conduct bid opening.
- Receive the Engineer's recommendation concerning bid evaluation and recommendation and prepare agenda materials for the City Council concerning bid awards.
- Prepare, review, and provide copies of the contract for execution between the City and the Contractor.
- This Scope of Services does not include time for the Engineer to assist the City in the event of bid protests.

4. Construction Phase (T&M)

The Engineer will perform construction administration as described below on a Time and Materials basis. The scope and level of effort is based on a duration of 12 months.

- a. Perform project management tasks such as managing schedule, managing deliverables on E-builder, submitting monthly invoices to City for payment. The Engineer will also prepare and submit monthly status reports to the City with the monthly invoice. The level of effort is assumed to be 1-hour per week.
- b. Attend pre-construction kickoff
- c. Attend preconstruction conference and provide a recommended agenda for critical construction activities and elements impacting the project.
- d. Coordinate with Materials Testing Lab on behalf of the City and review materials testing proposal.
- e. Review Contractor submittals and provide responses. Scope assumes 25 submittals and 50% re-reviews.
- f. Review and interpret field and laboratory tests.
- g. Perform Rebar Inspection (up to 4 visits per basin assumed)
- h. Prepare and maintain a submittal log showing dates of submittal, transmittal action to other sub-consultants, dates of return and review action. Also, maintain a RFI log showing dates of RFI submittal, transmittal action to other sub-consultants, dates of return, and a summary of the response.
- i. Provide interpretations and clarifications of the contract documents for the contractor and authorize required changes, which do not affect the contractor's price and are not

contrary to the general interest of the City under the contract. Assist City staff with review of up to 2 change orders. Scope does not include design for additional components.

- j. Make monthly joint site visit and meetings to the site of the Project to confer with the City project inspector and contractor, to observe the general progress and quality of work, and to determine, in general, if the work is being done in accordance with the contract documents. This will not be confused with the project representative observation or continuous monitoring of the progress of construction which are to be provided by City Construction Inspection.
- k. Manage and review the O&M Manual deliverables required by construction contracts and by equipment suppliers.
- l. Attend substantial inspection with the City Staff, provide punch list items to the City's Construction Engineers for contractor completion. 2 Substantial completion walkthroughs are assumed (1 for each basin)
- m. Attend final inspection with the City Staff, to check punch-list items to the City's Construction Engineers for contractor completion and provide the City with a Certificate of Completion for the project upon successful completion of the project. 2 Final completion walkthroughs are assumed (1 for each basin)
- n. Prepare and deliver to the City record drawings of the constructed work in electronic format for the project. Record drawing information will be obtained from redlined drawings prepared by the Contractor.

Scope Assumptions:

The City staff will:

- Designate a construction inspector to have responsibility, authority, and control for daily quality control and coordinating activities during the construction phase.
- Prepare and process applications/estimates for payments to contractor.
- Prepare Change Orders.
- Conduct the final acceptance inspection with the Engineer.
- Hire a 3rd party materials testing firm through City's MSA
- No separate windstorm certification will be required for the weirs, as they are part of the sedimentation basin structure itself rather than standalone elements.

B. ADDITIONAL SERVICES

This section defines the scope of additional services that may only be included as part of this contract if authorized by Engineering Services. Engineer may not begin work on any services under this section without specific written authorization by Engineering Services. Fees for Additional Services are an allowance for potential services to be provided and will be negotiated by the Director of Engineering Services as required. The Engineer shall, with written authorization by the Director of Engineering Services, perform the following:

1. Design Phase for Basins 1 & 2 Weir Rehabilitation

The Engineer will provide design phase services under this task for preparing plans and specifications for rehabilitation of secondary sedimentation basin weirs in Basins 1 & 2 based on recommendations provided in the preliminary engineering report. The Engineer shall provide three design deliverables for this expanded scope item 60%, 100%, and final and it is assumed that Basins 1 & 2 improvements shall be a part of the same bid package. The Engineer will provide design phase services similar to basic services task 2.

2. Bid Phase & Conformed Drawings for Basins 1 & 2 Weir Rehabilitation

The Engineer will provide bid phase services such as responding to bidder questions, preparing addenda and conformed documents for the expanded scope for rehabilitation of secondary sedimentation basin weirs in Basins 1 & 2. The Engineer will provide bid phase services similar to basic services task 3.

3. Construction Phase for Basins 1 & 2 Weir Rehabilitation (T&M)

The Engineer will provide construction phase services similar to task 4 under this task for the expanded scope and assumed extended construction duration of 12 months for rehabilitation of secondary sedimentation basin weirs in Basins 1 & 2. The Engineer will provide construction phase services similar to basic services task 4.

4. Topographic Survey Basins 1 & 2

The Engineer will perform topographic survey of secondary sedimentation basin weirs in Plant 1. All work will be tied to and conform with the City's Global Positioning System (GPS) control network and comply with Category 6, Condition I specifications of the Texas Society of Professional Surveyors' Manual of Practice for Land Surveying in the State of Texas, Ninth Edition. The Engineer will include reference to a minimum of two (2) found boundary monuments from the project area and establish Horizontal and Vertical Control as required. Horizontal control will be based on NAD 83 State plane coordinates (South Zone), and the data will have no adjustment factor applied – i.e. – the coordinate data will remain in grid. Vertical control will be based on NAVD 88. All control work will be established using conventional (non-GPS) methods. Perform topographic surveys to gather existing condition information. The Engineer will Generate electronic planimetric base map for use in project design.

5. Topographic Survey Basins 3 & 4

The Engineer will perform topographic survey of secondary sedimentation basin weirs in Basins 3 & 4 similar to additional service 4.

6. Warranty Phase Services Basins 1 & 2

The Engineer will provide warranty inspection for Basins 1 & 2 toward the end of the one-year period after acceptance of the Project by performing the following:

- i. Note defects requiring contractor action to maintain, repair, fix, restore, patch, or replace improvement under the maintenance guaranty terms of the contract.
 - A. Document the condition and prepare a report for the City staff of the locations and conditions requiring action, with its recommendation for the method or action to best correct defective conditions and submit to City Staff. Complete the inspection and prepare the report no later than sixty (60) days prior to the end of the maintenance guaranty period.

7. Warranty Phase Services Basins 3 & 4

The Engineer will perform warranty phase services of secondary sedimentation basin weirs in Basins 3 & 4 similar to additional service 6.

8. Start-up Services Basins 1 & 2 (T&M)

The Engineer will provide start-up services to assist in the transfer of finished work from a construction status to an operating, functional system for Basins 1 & 2. The services to be provided for this task include the following:

- A. Assist the City in start-up testing, performance testing and troubleshooting.
- B. Civil / process mechanical site visits up to two (2) 8-hour site visits and work with Contractor and manufacturer's representatives to ensure proper installation.
- C. Compile the operations and maintenance manuals for the City and confirm operation and maintenance requirements.

Scope Assumptions:

- Contractor is responsible for preparing, testing, and cleaning prior to start-up as detailed in the project specifications.
- City will maintain start-up checklists and coordinate visits with Engineer

9. Start-up Services Basin 3 & 4 (T&M)

The Engineer will provide start-up services to assist in the transfer of finished work from a construction status to an operating, functional system for Basin 3 & 4 similar to start-up services for Basin 1 & 2 as described in additional service 8.

10. Risk Management Basins 1 & 2

The Engineer will provide a Risk Management Plan that will serve as a communication tool to manage and control those events that could have a negative impact on the project for Basins 1 & 2. The plan will serve as the controlling document for managing and controlling all project risks. The plan will address the following:

- Risk Assessment
- Risk Mitigation
- Risk Contingency Planning
- Risk Tracking and Reporting

Included in the plan will be a risk impact assessment matrix that will assign risk ratings to risks or conditions based on combining probability and impact scales. A series of three (3) workshops (no more than 2 hours each) will be conducted with the City to continuously evolve and maintain the Risk Management Plan throughout the life cycle of the project. In addition to risk register, a decision and action item log will be prepared for the project by the Engineer and provided to the City throughout the Design Phase after all progress meeting/workshops. The Decision/Action Item Log will track all decisions made during meetings and will be formatted according to the City's requirements and made available via share file provided by the Engineer.

11. Risk Management Basins 3 & 4

The Engineer will provide a risk management plan for secondary sedimentation basin weirs in Basins 3 & 4 similar to additional service 10.

12. Regulatory Support and CT Study Updates Basins 1 & 2 (T&M)

The Engineer will prepare and submit required construction plans to Texas Commission on Environmental Quality (TCEQ), update concentration-time (CT) study (if needed) for Basins 1 & 2 and attend up to two 1-hour meetings with TCEQ and prepare responses if necessary. All work under this task item will be performed on a Time & Materials (T&M) basis.

13. Regulatory Support and CT Study Updates Basins 3 & 4 (T&M)

The Engineer will provide regulatory support and CT study updates of the secondary sedimentation basin weirs in Basins 3 & 4 similar to additional service 12.

SUMMARY OF FEES:

Fees for Basic Services: The City will pay the Engineer for providing all “Basic Services” on a Lump Sum basis except for Construction Services. The services for Construction Administration Phase will be provided on a Time and Material (T&M) basis as the project moves towards completion. The fees will be full and total compensation for services and for all expenses incurred in performing these services.

Fees for Additional Services: The City will pay the Engineer for ALL additional services on a Lump Sum basis except for Task 3, 8, 9, 12 and 13. The services under Task 3, 8, 9, 12 and 13 will be provided on a Time and Material (T&M) basis. The fee will be full and total compensation for services and for all expenses incurred in performing these services.

Task No.	Task Description	Fee
Basic Services		
1	Preliminary Phase	\$ 229,076
2	Design Phase	\$ 414,293
3	Bid Phase & Conformed Documents	\$ 31,848
4	Construction Phase (T&M)	\$ 244,879
	Subtotal Basic Services	\$ 920,096
Additional Services		
1	Design Phase for Basins 1 & 2 Weir Rehabilitation	\$ 166,992
2	Bid Phase & Conformed Drawings for Basins 1 & 2 Weir Rehabilitation	\$ 12,176
3	Construction Phase for Basins 1 & 2 Weir Rehabilitation (T&M)	\$ 218,105
4	Topographic Survey Basins 1 & 2	\$ 12,360
5	Topographic Survey Basins 3 & 4	\$ 12,360
6	Warranty Phase Services Basins 1 & 2	\$ 5,664
7	Warranty Phase Services Basins 3 & 4	\$ 5,664
8	Start-up Services Basins 1 & 2 (T&M)	\$ 11,064
9	Start-up Services Basins 3 & 4 (T&M)	\$ 11,064
10	Risk Management Basins 1 & 2	\$ 17,344
11	Risk Management Basins 3 & 4	\$ 17,344
12	Regulatory Support and CT Study Updates Basins 1 & 2 (T&M)	\$ 11,792
13	Regulatory Support and CT Study Updates Basins 3 & 4 (T&M)	\$ 11,792
	Subtotal Additional Services	\$ 513,721
	Total Fee	\$ 1,433,817

SCHEDULE:

The Engineer's services shall be performed in a timely manner consistent with sound professional practices. Any adjustments made to the agreed upon schedule shall be made in writing and accepted by both parties.

The Engineer shall begin work immediately upon receipt of the executed Contract and/or Notice to Proceed (written or emailed). The work under this project is expected to be completed as shown below.

Activity	Anticipated Schedule*	
NTP (tentative)	-	
DRAFT 30% Design Submittal	4	months after A/E NTP
DRAFT 30% City Review by	4.5	months after A/E NTP
Final 30% Design Submittal	6	months after A/E NTP
60% Design Submittal	10	months after A/E NTP
60% Design City Comments by	11	months after A/E NTP
Pre-final 100% Design Submittal	14	months after A/E NTP
100% Pre-final Design City Review Comments by	15	months after A/E NTP
Final Signed & Sealed Plans & Bid Documents	17	months after A/E NTP
Bidding & Construction Award	23	months after A/E NTP
Construction Completion	35	months after A/E NTP

**If additional services for Basin 1 and 2 rehabilitations are selected the design duration will increase by 3 months and construction duration is anticipated to increase by 12 months.*