



August 13, 2020

**City of Bay City**

ATTN: Shawn Blackburn  
1209 10<sup>th</sup> St.  
Bay City, TX

Transmitted via email: sblackburn@cityofbaycity.org

**PROJECT:** City of Bay City Public Pool – Pump Room Shoring

**SUBJECT:** Proposal for Engineering and Construction Services

Dear Mr. Blackburn,

Lynn Engineering and Lynn Construction are pleased to submit this proposal agreement to City of Bay City for providing professional engineering and construction services for City of Bay City Public Pool – Pump Room Shoring. Our understanding of the project, scope of services, and fees are outlined below.

**1. Project Understanding**

City of Bay City reached out to Lynn Engineering and Lynn Construction to provide design and construction services to address the structural issues occurring that Public Pool located at 2624 Carey Smith Blvd., Bay City, TX. Currently, the precast 'T' concrete roof over of the pump room is being supported by concrete columns that are extremely compromised. A description of the extent of the damage can be found on the report provided my John D. Mercer dated 4/27/18. While several other issues are mentioned in Mr. Mercer's report, at this time, it was agreed that the most pressing issue is the support structure at the pump room.

The shoring of the pump room roof will be accomplished with (2) steel frames that will be located on the inside face of the existing compromised concrete columns. The structure to be designed and constructed to support the existing pump room roof was determined to be needed for a period of 5 years or until a new public pool facility is constructed.

**2. Description of Engineering Deliverables**

- a. **Design and Construction Documents (CDs)**, including drawings and technical specifications. This CD set will be used for construction, and submission for permitting and regulatory approvals.
- b. (2) Sets of construction documents signed and sealed by an engineer registered in Texas (pdf and hard copies).
- c. Inspections during construction to ensure all construction is accordance with design drawings.

### 3. Description of Construction Deliverables

The deliverables listed below are based the construction process discussed during the site visit, preliminary engineering calculations used to size framing and footings, and information collected at the site. The deliverables and fees listed below could change after final engineering design.

- a. Construction schedule that allows for continuous operation of the pool, or minimal down time.
- b. Relocation of any utilities, lighting, equipment, or any other items that may be necessary for construction.
- c. Saw cut existing concrete to allow for (6) new 2'x2' concrete footers. Existing concrete is to be jackhammered and removed from site.
- d. Anchor bolts for connection of steel columns to footers.
- e. Concrete, reinforcement, and labor for new footer construction.
- f. Site welding of steel column to beam connection.
- g. All lifts required for construction to be provided by Lynn Construction.
- h. Remove all excess debris and materials from the worksite at the completion of the project.
- i. Ensure the safety of all present at the worksite until construction is complete.
- j. Provide a minimum of three (3) year warranty to the City of Bay City for services provided under this contract beginning upon acceptance by the City.
- k. Lynn Construction will provide a chief contact person for purposes of discussion related to construction process. Additionally, this person shall be the one authorized to make commitments on behalf of Lynn Construction.

### 4. Assumptions

- a. City of Bay City will provide a chief contact person.
- b. Lynn Construction will be responsible for securing city permits.



- c. City of Bay City will be responsible for coordinating all upgrades and repairs to existing pump equipment.
- d. The design will be based on the federal, state, and local codes and standards in effect at completion of the basis of design. Any changes in these codes may necessitate a change in scope.
- e. All City of Bay City provided drawings of existing facilities will be relied upon to be accurate for design purposes, based on reasonable verification of the accuracy by Lynn Engineering.
- f. It is assumed all design drawings will be prepared in AutoCAD Version 2020 format and in conformance with Lynn Engineering’s drafting standards; drawings will be prepared for half scale 11” x 17” plan sheets.
- g. It is assumed all specifications will be prepared based upon Professional’s master specifications (Construction Specification Institute (CSI) Divisions 1 – 49 format).
- h. It is assumed all construction drawings, specifications, and details will be signed and sealed by a Professional Engineer licensed in the State of Texas.
- i. It is assumed the Lynn Engineering will attend design coordination meetings with City of Bay City at least monthly during the Design Phase, and that the Professional will lead and provide the agendas and minutes for these meetings.

**5. Schedule**

<b>Deliverable or Milestone</b>	<b>Start Date</b>	<b>Completion Date</b>
Notice to Proceed	9/1/20	
Engineering Design	9/1/20	9/15/20
City of Bay City Review for Comment	9/15/20	9/21/20
Concrete Cutting and New Footer Construction	9/22/20	9/28/20
Installation and Welding of Steel Framing	10/14/20	10/19/20
Punch List	10/20/20	10/30/20



**6. Acceptance of Criteria**

- i. Services shall be accepted upon receipt and review of the Deliverables as fully described above in Section 2 and 3.
- ii. Written acceptance of the Deliverables shall be provided by City of Bay City. Any dispute by Lynn Engineering or Lynn Construction regarding City of Bay City’s non-acceptance of a Deliverable shall be made within 10 business days after City of Bay City’s notice of non-acceptance.

**7. Location**

2624 Carey Smith Blvd.  
Bay City, TX

**8. Fee & Billing**

<b>Engineering Deliverables</b>	<b>\$3,500.00</b>
<b>Construction Deliverables</b>	<b>\$26,265.43</b>

**9. Closure**

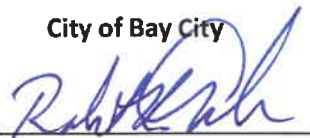
If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute this Agreement in the spaces provided below, retain one copy, and return the other to us. Fees and times stated in this Agreement are valid for thirty (30) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please contact me if you have any questions.

**Lynn Engineering**

**City of Bay City**

By: 

By: 

Printed Name: N. Mitchell Carrillo, PE

Printed Name: Robert K. Nelson

Title: Engineer

Title: Mayor

Date: 8/13/20

Date: 8/14/2020