



February 6, 2023

City of Orange Beach
ATTN: James McMurray
25855 John Snook Drive
Orange Beach, AL 36561

RE: Task Order No. 2023-01 Request (TE#23-2112-0002) – R1
Fire Department Training Facility Foundation

Jim,

The City desires to construct a foundation for the expansion of the Fire Department Conex box training facility located at 4099 Orange Beach Blvd. The Fire Department has requested a proposal from Thompson Engineering to complete the final design of the project.

This proposal contains our understanding of the project, our proposed scope of work, and a Task Order request to provide professional services for this work.

BACKGROUND AND UNDERSTANDING

Our understanding of the project is that the Orange Beach Fire Department is looking to expand their Conex box fire training facility. The facility is planned to include six, 40 ft Conex boxes arranged in a stepped configuration that includes one Conex box on one end, followed adjacently by two Conex boxes stacked vertically, with three Conex boxes stacked vertically on the other end.

It is suspected that the structural design of the foundation will be controlled by wind uplift on the stacked Conex boxes. Thompson will perform a structural analysis of the loading the Conex boxes will be subjected to determine the reactions that the Conex boxes will transfer to the foundation. Thompson will design a foundation for the Conex box structure as well as the connection details between the boxes and the foundation. Additionally, Thompson will provide connection details to safely tie the Conex boxes to one another.

The deliverable will be issue for construction (IFC) structural drawings. The site control will be the location of the existing and adjacent slab corners. It is the responsibility of the City to assure there are no underground utilities at the location of the new foundation prior to construction. It is noted that site survey and Construction Administration (CA) services for assistance with the bidding and construction oversight of the project is not included in this proposal. Construction materials testing (CMT) is also not included in this proposal. All of these services can be provided upon request for additional fees.

4830 Main Street, Ste. G-212
Orange Beach, AL 36561
251.378.6190 ph. / 251.666.6422 fax
www.thompsonengineering.com

A THOMPSON HOLDINGS, INC. COMPANY

PROPOSED SCOPE OF WORK AND COMPENSATION

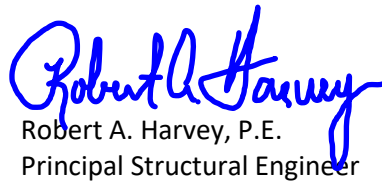
See attached Task Order.

Thank you for the opportunity to submit this proposal and we look forward to working with you soon.
Please contact us if you have any questions or required additional information.

Sincerely,
THOMPSON ENGINEERING, INC.



Charles Weber, P.E.
Senior Engineer



Robert A. Harvey, P.E.
Principal Structural Engineer

Enclosures

TASK ORDER AUTHORIZATION
TASK ORDER NO. 2023-01(R1)
CITY OF ORANGE BEACH ALABAMA
PERFORMANCE CONTRACT
ENGINEERING SERVICES

This Task Order shall be for the structural analysis and design of the Orange Beach Fire Department Conex box training facility foundation. The proposed project includes the foundation design to support the Conex box structure, Conex box to foundation connection details, and Conex box to Conex box connection details.

The cost for completing this work shall be a lump sum amount of **Nine Thousand, Five Hundred Dollars and No Cents (\$9,500.00)**. Additional services outside of original scope of work will be performed as directed by the City of Orange Beach at billing rates and fees provided in Thompson Engineering, Inc.'s (TEI) currently approved Professional Services Agreement with the City.

The following exhibits are made part of this Task Order and are attached hereto:

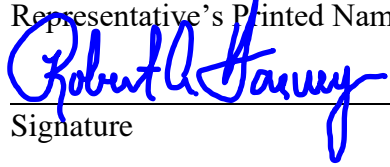
Exhibit A – Scope of Work

Exhibit B – Fee Estimate

OFFERED BY CONSULTANT

Robert A. Harvey, P.E. _____

Representative's Printed Name


Signature

THOMPSON ENGINEERING, INC. _____

Firm Name

Date 02/16/23

Principal Engineer _____

Title

RECOMMENDED FOR APPROVAL

Signature

Date _____

Title

APPROVED BY CITY OF ORANGE BEACH

Signature

Date _____

Title

CITY OF ORANGE BEACH ALABAMA
TASK ORDER NO. 2023-01

SCOPE OF WORK:

This Task Order shall be for the structural analysis and design of the Orange Beach Fire Department Conex box training facility foundation. The proposed project includes designing a foundation and connection details for the Fire Department to expand their current Conex box training facility.

Specific tasks to be completed include (Scope of Work):

- Meet with City and/or Fire Department staff to determine the needs of the project.
- Prepare the necessary drawings, plans, and specifications to enable the City to bid the construction of the new training facility foundation. This includes structural engineering services for the project.
- Assist the City with reviewing contractor submittals and RFI's.

Services specifically excluded from this task order include site surveying, geotechnical investigation and testing, construction materials testing, site civil engineering services, special inspections, and regulatory/jurisdictional permitting.

PRELIMINARY SCHEDULE:

- Services for the Task shall commence immediately upon receipt of Notice to Proceed (NTP) from the City. It is anticipated that contract documents can be completed within 30 days of given a NTP.
- Timeframe for construction related services shall be determined at a later date.

End of Exhibit A

EXHIBIT B

CITY OF ORANGE BEACH ALABAMA
TASK ORDER NO. 2023-01
FEE ESTIMATE


Design Engineering Services
Structural Engineering

\$ 9,500.00

TOTAL "LUMP SUM" FEE


\$ 9,500.00

Scope and Fee Prepared by:



Robert A. Harvey, P.E.

Scope and Fee Reviewed by:



Charles Weber, P.E.

End of Exhibit B