

**MINUTES OF
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY-EAST
OPERATIONS COMMITTEE MEETING
HELD ON FEBRUARY 20, 2020**

PRESENT: Mark L. Morgan, Chair
Clay A. Cosse, Committee Member
Jason P. Latiolais, Committee Member
Herbert T. Weysham, III, Committee Member

The Operations Committee of the Southeast Louisiana Flood Protection Authority-East (Authority or FPA) met on February 20, 2020, in the Franklin Avenue Administrative Complex, Meeting Room 201, 6920 Franklin Avenue, New Orleans, Louisiana. Mr. Morgan called the meeting to order at 10:00 a.m.

Opening Comments: None.

Adoption of Agenda: The agenda was adopted by the Committee.

Approval of Minutes: The minutes of the January 16, 2020, Operations Committee meeting were approved.

Public Comments: None

New Business:

A. Discussion of proposed advertisement for bids for Furnishing Labor, Equipment, Materials and Supplies for Grass Cutting from I-10 to North and South Side of GIWW (Orleans Levee District) and for Furnishing Labor, Equipment, Materials and Supplies for Grass Cutting of Levees LPV 145 through LPV 149 (Lake Borgne Basin Levee District).

Derek Boese, Chief Administrative Officer, explained that staff requests that the grass maintenance work be advertised for bids at this time with a goal of having the contracts in place for May. The Orleans Levee District and Lake Borgne Basin Levee District contracts were not previously on the same annual time cycle; however, the new contracts will rectify this situation. The current contractor has been doing well for the past eight to ten months; however, the time is appropriate to rebid the work. The contracts will be for a one-year period and will specify the number of acres and cuts. The number of cuts are not guaranteed and are on an as needed basis depending on the growing season. FPA contracts generally include two one-year renewal options.

Mr. Morgan clarified that at this time staff is just requesting approval for the FPA to go out for bids. Mr. Boese responded that Mr. Morgan was correct.

At the request of Mr. Cosse, Earl Kugelmann, Director of Maintenance, described the specific areas to be included in the contracts.

The Committee will recommend that the Board approve advertising the grass maintenance work for bid.

B. Discussion of the award of a contract to Cycle Construction Company, LLC, in the amount of \$4,011,608 for the Mitigation of Outfall Canal Erosion – 17th Street Canal Project.

Chris Humphreys, Director of Engineering, advised that the 17th Street Canal Erosion Mitigation Project was advertised for bid in January and two very close bids were received. Both bidders had experience working on the canal. The bids were higher than initially expected by staff due to the very restricted access; however, the lowest bid, which was received from Cycle Construction Company, LLC, was within the budget amount and the engineer's estimate. He recommended that the contract be awarded to Cycle Construction Company, LLC. The contractor will be given access through the gate at Canal Boulevard and will have to go over the I-wall at some locations. Access near Pump Station No. 6 has been approved by the Sewerage and Water Board of New Orleans. The contractor may elect to build a barge and lift it over the I-wall and into the water at Veterans Memorial Boulevard. The contractor will not be allowed to remove any portion of the I-wall to gain access.

Mr. Humphreys explained that the work consists of clearing and grubbing and the placement of geo-cell, which will be anchored to the bank and filled with stone. Sheet pile will be driven in one reach of the project. He noted that this bank stabilization work is very much needed.

The Committee will recommend that the Board approve the award of the contract to Cycle Construction Company, LLC.

C. Discussion of the issuance of a Task Order to Meyer Engineers, LTD, to provide resident inspection services at a not to exceed cost of \$136,094 for the Mitigation of Outfall Canal Erosion Project – 17th Street Canal.

Mr. Humphreys advised that the proposed task order with Meyer Engineers is needed to provide resident inspection services for the 17th Street Canal Mitigation Project. The contract provides a 240-day period to construct the project. The proposed issuance of the task order to Meyer Engineers is in line with the Board's intent to spread work across the FPA's Indefinite Delivery-Indefinite Quantity (ID-IQ) Contracts.

The Committee will recommend that the Board approve the execution of the task order with Meyer Engineers.

D. Discussion of the extension of the Intergovernmental Agreement with the Coastal Protection and Restoration Authority for inspection services to be provided by Atkins North America, Inc., for a period of six months, commencing on March 1, 2020 and ending on August 31, 2020, at a total not to exceed amount of \$124,800, with the FPA's share of said cost not to exceed \$62,400, for the HSDRRS features that remain under construction.

Mr. Boese advised that Atkins has been providing inspection services with the same inspector for the Hurricane and Storm Damage Risk Reduction System (HSDRRS) features for over ten years. Mr. Humphreys explained that the cost of the inspection services for the extension is anticipated to be less than the proposed not to exceed amount since funding is expected to remain from the previously approved period. The number of hours required have been less than anticipated. The Coastal Protection and Restoration Authority (CPRA) will invoice the FPA for reimbursement of its cost share.

The Committee will recommend that the Board approve the extension of the Intergovernmental Agreement with the CPRA.

E. Discussion of the issuance of a task order to Burk-Kleinpeter, Inc. with a not to exceed amount of \$99,673.59 for the design of the Floodgate Painting Project (GIWW, MRGO, Lakefront and Outfall Canals).

Mr. Humphreys explained that the proposed task order is for the last phase of the Floodgate Painting Project and has the same scope of work as the previous phases. The design phase is expected to take four to six months. Mr. Boese pointed out that the FPA and Burk-Kleinpeter, Inc. (BKI) have learned a number lessons from the previous phases relative to sequencing and storm season.

The Committee will recommend that the Board approve the execution of the task order with BKI.

F. Discussion of the issuance of a task order to AECOM with a not to exceed amount of \$70,035.50 to provide resident inspection and construction administration services for an additional period not to exceed four months for the repairs to the Double Light Blue Light Pole Bases located on Lakeshore Drive at West End.

Mr. Humphreys advised that the contractor exceeded the contract deadline and that liquidated damages are being assessed effective February 1st. The projected substantial completion date is mid-March. The remaining work is not expected to take four months because the contractor (Diamond Electric) has added extra work crews and is working on weekends in order to expedite completion of the project. The liquidated damages are anticipated to cover at least half of the cost of the additional inspection and construction administration services.

The Committee will recommend that the Board approve the execution of the task order with AECOM.

G. Discussion of the issuance of a task order to Tetra Tech with a not to exceed amount of \$104,990 for construction administration and inspection services for the Violet Canal North Realignment – Phase I Project.

Mr. Humphreys advised that the Violet Canal North Realignment-Phase I Project is the last phase of work required for Certification of the Forty Arpent Levee. The proposed task order includes approximately \$70,000 for inspection services and \$34,000 for construction administration. He recommended approval of the task order. The Board at its January 16th meeting awarded the construction contract for the Phase I Project to Cycle Construction. Mr. Boese pointed out that Phase II of the Violet Canal North Realignment Project was constructed prior to Phase I.

The Committee will recommend that the Board approve the execution of the task order with Tetra Tech.

H. Discussion of the issuance of a task order to Tetra Tech with a not to exceed cost of \$128,990 for the continuation of the Complex Risk Reduction Measures - design and construction management for the installation of capstan winches for five of the complex structure sector gates.

Gerry Gillen, Director of Operations, explained that the FPA is continuing the implementation of the twenty risk reduction measures identified in the Problematic Analysis. The FPA is moving forward with five of the measures at this time dealing with the addition of backup methods for operating the complex structure sector gates in the event the hydraulics are lost or a cable breaks. The structures currently have backup for electrical power. Capstan winches will be installed on five structures. Tetra Tech will analyze the forces required to move the gates, develop instructions on releasing the brakes and on the hydraulics, and provide construction administration. The budget for installation of the capstan winches has not yet been developed. Mr. Boese pointed out that the permit process for the feature should not be problematic since the feature was installed as part of the U.S. Army Corps of Engineers' (USACE) original design for the Caernarvon structure gate. The risk reduction measure ties in with the I-Storm Peer Review Recommendations.

Mr. Gillen advised that the last two risk reduction measures relative to the IHNC Surge Barrier Barge Gate will be brought to the Operations Committee within the next sixty days.

The Committee will recommend that the Board approve the execution of the task order with Tetra Tech.

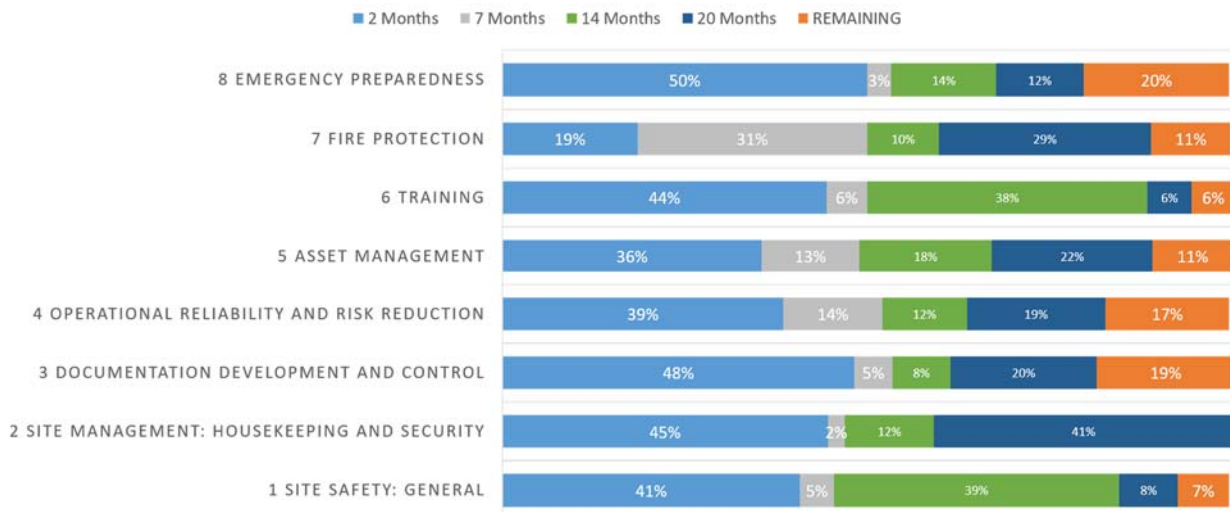
I. Update on implementation of I-STORM Peer Review Recommendations.

Darren Austin, P.E., Mechanical Engineer – Complex Structures, reviewed the timeline starting in November, 2017, relative to the I-Storm Peer Review. The Peer Review took place in May, 2018. The timeline included I-Storm activities not related to the Peer

Review (e.g., March, 2019, participation in the Galveston I-Storm workshop; participation in I-Storm Annual Conferences; and January, 2020, inaugural I-Storm technical/technology sharing working groups conference call). FPA staff is planning to attend and participate in the next I-Storm Annual Conference, which will be held in Rotterdam, Netherlands. He pointed out that the additional participation in the I-Storm network could potentially advance the FPA’s member status within the I-Storm Membership Structure from a Barrier Member to a Core Member. Mr. Boese added that he requested that I-Storm consider making the FPA a Core Member. The USACE is currently the only Core Member from the United States; however, the USACE’s forte is design and construction, while the FPA’s strength is in operations and maintenance. Mr. Austin discussed the Subject Matter Expert Matrix used by I-Storm, which ranks the expertise of its members in various subject areas and can be used by the members to solicit assistance relative to particular subjects.

Mr. Austin reviewed the progress on the implementation of the I-Storm Peer Review Recommendations as of January, 2019 (7 months after Report) and August, 2019 (14 months after Report). Progress as of February, 2020, is as follows:

FEBRUARY 2020
(20 Months after Report)
PROGRESS ~ 87% of ALL ITEMS



Mr. Austin reviewed the progress of implementing the recommendations from a perspective of long term (2+ years – involves USACE), medium term (1-2 years - FPA) and short term (6 months to one year – Complex Structures Group) goals. He reviewed the progress as of January and August, 2019. As of February, 2020, 89 percent of the long term (73 items), 80 percent of the medium term (88 items) and 88 percent of the short term (318 items) are complete. Eighty-seven percent of all 479 items are complete. Some of the items are on-going, such as training and labeling items that are replaced. Many of the long term recommendations involving the USACE were

determined to be “no action” and marked as complete since they would have necessitated major rebuilding efforts.

Mr. Austin summarized that the FPA will continue to evaluate, implement and improve relative to peer review findings, increase its participation and level of involvement in I-Storm, and hopes to find a place as a subject matter expert within I-Storm.

Mr. Boese advised that the FPA will have a recommendation by the end of February regarding staff who will be attending the I-Storm Annual Conference while ensuring sufficient staff remains for the start of the storm season.

There was no further business; therefore, the meeting was adjourned at 10:35 a.m.