



Commission Meeting

May 2, 2023

Augusta Levee USACE Periodic Inspection Report

Structural Encroachments Condition Assessment

Cranston Engineering On-Call Engineering Services / RFP 19-241

Department:	Engineering & Environmental Services
Presenter:	Dr. Malik Hameed
Caption:	Motion to authorize and approve Supplemental Agreement Number Eleven (SA11) for Cranston Engineering in amount of \$131,104.00 for the Augusta Levee Task Order. Task Order includes Levee structural encroachments condition assessment including drainage and structural inspections. Requested by Engineering / RFP 19-241 (Approved by Engineering Services Committee April 25, 2023)
Background:	Performance of flood control structures are under increased scrutiny by federal and state regulatory agencies due to recent encountered wet weather disasters. Similar emphases are on federally protected levees such as Augusta Levee. The latest Periodic Inspection (PI) reports for the Augusta Levee by the Corps of Engineers (USACOE) and deficiencies requiring a wide range of correction measures to re-establish levee status to “Active”. AED and the COE have been in constant communications developing an acceptable plan of action for bringing the Levee to “Active” status. Noted deficiencies are of two types: Structural Encroachments and Trees. System-Wide Improvement Framework (SWIF) is one of possible option to bringing the levee to “Active Status”.
Analysis:	Cranston Engineering (Cranston) has extensive structural and performance familiarity with Augusta’s flood control structures. Cranston is under contract for providing on-call engineering services including specialized structural engineering for Augusta Engineering. Also, Cranston past and recent involvement in levee compliance efforts and interaction with the USACE levee staff will be helpful in developing an acceptable solution to bringing the levee to “Active Status”. Supplemental work is continuity and completing in progress structural features condition assessment tasks.
Financial Impact:	Funds are available in Engineering Drainage SPLOST 8
Alternatives:	Do not approve and find alternative way to complete needed specialized engineering services work.

Recommendation: Authorize and approve Supplemental Agreement Number Eleven (SA11) for Cranston Engineering in amount of \$131,104.00 for the Augusta Levee Task Order. Task Order includes Levee structural encroachments condition assessment including drainage and structural inspections. requested by Engineering / RFP 19-241.

Funds are available in the following accounts: (\$131,104)330-041110 - Engineering Drainage SPLOST 8 Funds

REVIEWED AND APPROVED BY: HM/SR