



Engineering Services Committee Meeting

Meeting Date: October 29, 2024

Engineering Services for Drainage Study, Stormwater System Assessment, and Drainage Improvement Projects – RFQ 18-148

File Reference 24-014 (A)

Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve supplemental funding (SA2) for Drainage Improvements Engineering Services Agreement to Cranston Engineering (Cranston) for CSX Railroad Cross-drains design engineering in the amount of \$29,500.00 for National Hills Drainage Basin. AE/RFQ 18-148
Background:	National Hills Basin Drainage Improvements project is one of the drainage improvements projects Augusta Engineering initiated to reduce flooding risk in older residential areas of Augusta, Georgia. Engineering activities are funded by SPLOST Drainage funds and stormwater utility funds. Project is under design. Study area drainage assessment indicates that CSX railroad tracks cross-drains are one of the limiting factors to minimize localized flooding risk. It warrants hydraulic evaluation of present drains and developing replacement alternatives in accordance with CSX applicable design standards & requirements.
Analysis:	Railroad coordination is required to ensure rail tracks safety and advance project construction schedule. Hence, Augusta is required to submit alternative design for improving cross-drains at CSX tracks. Augusta Engineering adopted a phased approach for this project delivery and work is released as a Task Order.
Financial Impact:	Funds in the amount of \$29,500 are available in Engineering SPLOST 8 - Grading & Drainage.
Alternatives:	Do not approve and abandon the project.
Recommendation:	Approve supplemental funding (SA2) for Drainage Improvements Engineering Services Agreement to Cranston Engineering (Cranston) for CSX Railroad Cross-drains design engineering in the amount of \$29,500.00 for National Hills Drainage Basin. AE/RFQ 18-148.
Funds are available in the following accounts:	(\$29,500) 330-044320-52.23110 – 222830907-52.23110 - SPLOST 8- Grading & Drainage
<u>REVIEWED AND APPROVED BY:</u>	HM/sr

