

**WOODFORD COUNTY BOARD OF EDUCATION
AGENDA ITEM**

ITEM #: XE **DATE:** December 13, 2019

TOPIC/TITLE: Approve Bid Award for GeoTechnical Exploration Services for New High School BG 19-353

PRESENTER: Amy M. Smith *AMS*

ORIGIN:

- ☐ TOPIC PRESENTED FOR INFORMATION ONLY (No board action required.)
- ☒ ACTION REQUESTED AT THIS MEETING
- ☐ ITEM IS ON THE CONSENT AGENDA FOR APPROVAL
- ☐ ACTION REQUESTED AT FUTURE MEETING: _____ (DATE)
- ☐ BOARD REVIEW REQUIRED BY _____

- ☒ STATE OR FEDERAL LAW OR REGULATION
- ☒ BOARD OF EDUCATION POLICY
- ☐ OTHER:

PREVIOUS REVIEW, DISCUSSION OR ACTION:

- ☒ NO PREVIOUS BOARD REVIEW, DISCUSSION OR ACTION
- ☐ PREVIOUS REVIEW OR ACTION

- ☐ DATE:
- ☐ ACTION:

BACKGROUND INFORMATION:

Acceptance of bids requires board approval.

SUMMARY OF MAJOR ELEMENTS:

We received quotes for geotechnical exploration of the new high school site. Based on the recommendations from architects RossTarrant, we are requesting Board approval to award S&ME the bids for both the geotechnical exploration and the geophysical investigation to a total of \$39,250.

IMPACT ON RESOURCES: Construction Funds previously approved.

TIMETABLE FOR FURTHER REVIEW OR ACTION: N/A

SUPERINTENDENT'S RECOMMENDATION: ☒ Recommended ☐ Not Recommended

[Signature]

January 16th, 2020

TO: Kevin R. Locke, AIA, LEED AP
 FROM: Michael B. Mays, PE
 RE: Woodford County High School Phase 1
 Versailles, Kentucky
 BG 19-353
 RTA 1916

RTA solicited for geotechnical proposals for the above referenced project on January 2nd, 2020, 2019. I have reviewed the submitted geotechnical proposals submitted by S&ME, LE Gregg, and Thoroughbred Engineering. I have prepared the following summary:

Company	Geotechnical Exploration	Geophysical Investigation	Total for Geotechnical Services
S&ME	\$27,750	\$11,500	\$39,250
LE Gregg	\$26,580	\$15,200	\$41,780
Thoroughbred Engineering	\$34,866	\$8,000	\$42,866

S&ME

S&ME presented a proposed fee of \$27,750 to perform the geotechnical borings and testing required for the design of the new Woodford County High School. RTA requested additional alternate pricing in order further clarify the possible extent of karst rock formations under the proposed location of the New High School Facility. The proposed cost for the Geophysical Karst Rock Exploration is \$11,500. The Geotechnical Engineer proposed for the project by S&ME has 20 years of geological experience and the geophysicist proposed for the project has 18 years of experience. Fieldwork may begin within twelve (12) business days after notice to proceed has been sent. Drilling is expected to take six (6) days to complete. S&ME can provide preliminary verbal recommendations as soon as drilling has been completed. S&ME will provide the final report to RTA fifteen (15) business days after drilling has been completed.

LE Gregg

LE Gregg presented a proposed fee of \$26,580 to perform the geotechnical borings and testing required for the design of the new Woodford County High School. RTA requested additional alternate pricing in order further clarify the possible extent of karst rock formations under the proposed location of the New High School Facility. The proposed cost for the Geophysical Karst Rock Exploration is \$15,200. The Geotechnical Engineer proposed for the project by LE Gregg has 8 years of geological experience and the geophysicist proposed for the project has 25 years of experience. Fieldwork may begin within ten (10) business days after notice to proceed has been sent. Drilling is expected to take five (5) days to complete. LE Gregg can provide preliminary verbal recommendations within five (5) days after drilling has been completed. LE Gregg will provide the final report to RTA fifteen (15) business days after drilling has been completed.

Thoroughbred Engineering

Thoroughbred Engineering presented a proposed fee of \$34,866 to perform the geotechnical borings and testing required for the design of the new Woodford County High School. RTA requested additional alternate pricing in order further clarify the possible extent of karst rock formations under the proposed location of the New High School Facility. The proposed cost for the Geophysical Karst Rock Exploration is \$8,000. The Geotechnical Engineer proposed for the project by Thoroughbred Engineering has 22 years of geological experience and the geophysicist

proposed for the project has 5 years of experience. Fieldwork may begin within ten (10) business days after notice to proceed has been sent. Drilling is expected to take five (5) days to complete. Thoroughbred Engineering can provide preliminary verbal recommendations within five (5) days after drilling has been completed. Thoroughbred Engineering will provide the final report to RTA fifteen (15) business days after drilling has been completed.

Conclusion

Based on cost, scope of work to be performed and geotechnical personnel qualifications, we are recommending that S&ME be awarded the geotechnical services for this project. Also, due to the nature of the karst bedrock formations located on site and throughout Woodford County, we are recommending that the Owner select to perform the Geophysical Investigation in order to identify potential geologic hazards beneath the proposed High School footprint that may not be revealed by a typical geotechnical investigation.

If you have any questions, please contact Laith Ross or me.

END OF MEMORANDUM

Sincerely,

Michael B. Mays, PE
Civil Engineer

Enclosures

cc: Laith M. Ross, PE, LEED AP
Kevin R. Locke, AIA, LEED AP
Michael T. Hughes, AIA, LEED AP
File 1916-1A
ME200115-geo-summary-1916