Approved by the Board of Trustees

July 20, 2023

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Board Meeting

July 20, 2023

ROLL CALL

# AMEND PROFESSIONAL SERVICES CONSULTANT CONTRACT FOR ILLINOIS AUTONOMOUS AND CONNECTED TRACK FACILITY, URBANA

**Action:** Amend Professional Services Consultant Contract for Illinois Autonomous and Connected Track Facility

**Funding:** Institutional Funds Operating Budget

The Department of Civil and Environmental Engineering, within The Grainger College of Engineering, is developing an advanced research program for autonomous vehicles. The program’s goal is to upgrade and expand vehicular research activities at the former site of the Chanute Air Force Base in Rantoul, Illinois. This project will expand their existing presence at that location. The proposed project includes design, and the eventual construction, of an automated and connected testing track and fleet vehicle building. The project intends to utilize construction funding available from a National Science Foundation (NSF) grant.

In August 2021, the Urbana university approved a professional services consultant contract with AECOM Technical Services, Inc. of Chicago, Illinois, for conceptualization phase services in the amount of $604,320. AECOM Technical Services, Inc., completed a conceptualization phase study that included four possible options for the future interconnected track. The selection of the professional services consultant for this project was in accordance with the requirements and provisions of Public Act 87-673 (Architectural, Engineering, and Land Surveying Qualifications, Based Selection Act).[[1]](#footnote-1)

There is now an opportunity to apply for an NSF grant to fund construction of this project. The grant application requires a “shovel-ready design” completed and submitted for NSF evaluation prior to December 15, 2023. It is therefore necessary to amend the professional services agreement to include complete design services in order to provide the required design documents for NSF evaluation of the grant application. Should the NSF grant submission be successful, the project budget is anticipated to be slightly less than $71.0 million, which would be brought to the Board for review and approval before bidding, award, or construction activities commence.

Accordingly, the chancellor, University of Illinois Urbana-Champaign, and vice president, University of Illinois System, with the concurrence of the appropriate administrative officers recommends AECOM Technical Services, Inc., continue to be employed and their contract amended for the professional services required for the schematic design phase, design development phase, and construction documents phases of the project. The firm’s fixed fee will be $2,010,000 for basic services; $78,000 for additional supplemental services on a fixed fee basis; and $93,220 for additional authorized reimbursable expenses, for a total amended contract of $2,785,640 (an increase of $2,181,220).

The Board actions recommended in this item complies in all material respects with applicable State and federal laws, University of Illinois *Statutes*, *The General Rules Concerning University Organization and Procedure*, and Board of Trustees policies and directives.

Funds for this project are available from UIUC institutional funds. The University of Illinois Urbana-Champaign has applied for an NSF grant, which, if awarded, would provide funding for the construction of this project.

The president of the University of Illinois System concurs.

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| Table 1: Diverse Business Utilization | | | |
| **Awarded Vendor** | **PSC Agreement $** | **Subcontract Value** | **Subvendor % of Work** |
| AECOM Technical Services, Inc. | $2,785,540 |  |  |
| Chicago, IL |  |  |  |
|  | MBE | $660,940 | 16% |
|  | VOSB | $91,200 | 3% |
|  | WBE | $186,000 | 15% |
|  |  |  |  |
| Total MBE (AFA) | | $110,000 | 4% |
| Total MBE (HA) | | $435,940 | 16% |
| Total MBE (ASA) | | $115,000 | 4% |
| Total VOSB | | $91,200 | 3% |
| Total WBE | | $186,000 | 7% |
| Total Diversity | | $938,140 | 34% |

1. A selection committee consisting of Jim Sims, campus construction unit/chair; Kelly Jo Hoffmann, F&S associate director of engineering services; Jim LaFave, The Grainger College of Engineering representative (client) and Kensil Garnett, P.E., IDOT Region 3 engineer; Chris Rogan, University Office of Capital Programs & Real Estate Services; and Dale Morrison, assistant director, Office of Procurement Diversity, interviewed the following firms: AECOM Technical Services, Inc., Chicago, IL; Hansen Professional Services, Inc., Springfield, IL; TERRA Engineering, Ltd., Peoria, IL, Chastain & Associates, LLC, Decatur, IL; and Globetrotters Engineering Corporation, Chicago, IL. The committee recommends AECOM Technical Services, Inc., Chicago, IL, as best meeting the criteria for the project. [↑](#footnote-ref-1)