

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN



Purchasing Division

Office of Business and Financial Services
212 Illini Plaza, MC-602
1817 South Neil Street
Champaign, IL 61820

April 14, 2017

Amendment 2: 1EJB1710 – Computer Based Driving Simulator System

Ladies and Gentlemen:

The purpose of this amendment is to provide clarification and additional information in response to questions about the technical specifications posed by interested parties during the identified open question period.

Q: Can the trailer [be] constructed with 2 axles versus 3 axles?

A: Yes, 2 axles are fine as long as the trailer is not exceeding or close to exceeding max weight limits.
(The following associated change is hereby incorporated:)

Exhibit 1, Section IV, Item 23 is deleted and replace with the following:

23. Trailer axles: The preference is for three axles to be designed into this trailer. Axle weights (capabilities) must match the GVWR and be U.S. DOT compliant. A two axle design will be considered as long as the trailer neither exceeds nor, in the exclusive determination of IFSI, comes close to exceeding the maximum weight limits.

Q: Can there be a greater distance from the rear axle to the end of the trailer?

A: Yes, this is acceptable. (The following associated change is hereby incorporated:)

Exhibit 1, Section IV, Item 3c is deleted and replace with the following:

- c. Distance from the center mounting point of the rearward most axle to the furthest rearward point on the trailer shall be configured so as to minimize rear trailer “swing-out” when turning. The preference is for this distance to not exceed 6 feet.

Q: What is the height of the bed rails of the truck from the ground?

A: The tow vehicles to be used do not have bed rails. The height of the bed of the truck from the ground is approximately 45 inches.

Q: What is the distance from the hitch of the truck to the back of the truck cab?

A: The tow vehicles currently in use have distances between 12 feet and 12 feet, 4 inches from the hitch of the truck to the back of the truck cab.

Q: Please explain what is meant by the “range of scenarios.”

A: Describe the type of scenarios and the conditions (day/night, weather, road conditions), environments (Urban/Suburban/Rural, Traffic conditions) etc.

Q: Would you prefer our information attached at the end of the bid or is it acceptable to add information within Technical Specifications themselves?

A: Vendor responses to Sections 3, 4, 5.6, 5.7, 6, and 9 must be provided on the form provided. System descriptions and information that addresses the requirements outlined in Sections 5.1-5.5 and Exhibit 1 may be attached at the end of the bid proposal. Alternatively, this information may be included within the technical specifications, provided the response is easily identified.

Q: Can you please confirm you want an Inverted Fifth Wheel incorporated into the trailer.

A: Yes, an Inverted Fifth Wheel must be incorporated into the trailer.

Q: [Section 5.3.1]: There is no indication of an award date in order to be able to commit to meeting the required delivery dates specified here. Please provide the expected award date.

A: Establishing an exact award date is both impractical, and not relevant, as contract execution and the issuance of a purchase order are the events that actually initiate the start date for the provision of services. Therefore, the following change is hereby incorporated:

Section 5.3.1 is deleted and replace with the following:

5.3.1 Completed, fully operational Computer Based Driving Simulator System to be delivered within 14 weeks of award and execution of the associated contract.

Q: [Exhibit 1, Section I] Is it acceptable to provide optional configurations for Driving Simulator 1 and 2?

A: Yes.

Q: [Exhibit 1, Section II, Item 6: “Ability to download current weather conditions from internet”] Please explain/clarify how the Operator intends to use this capability and training purpose that it provides.

A: To utilize scenarios based upon current weather conditions at that time to provide realism in the scenarios.

Q: [Exhibit 1, Section II, Item 6: “Digital simulation of Illinois Fire Service Institute (IFSI grounds...)”] Is it intended that the Vendor reproduce this as a Virtual World Database? If so, can IFSI please provide maps/drawings/pictures prior to the proposal submission date so that the Vendor can estimate the costs involved in creating this custom Virtual World.

A: Yes, it is expected that the Vendor reproduce the IFSI grounds as a custom Virtual World Database. Attached as Exhibit 3 is an aerial photograph of the IFSI grounds. The basic roadmap of the grounds is available through Google Earth: <https://www.google.com/maps/@40.0851951,-88.2446338,322m/data=!3m1!1e3>. Specific additional information may be available upon request.

Q: [Exhibit 1, Section IV, Item 1a] The trailer requirements specify two lengths: 36ft and 40 ft. Which is the desired length.

A: **36 feet or less if practical without compromising the interior space for the simulators.** The trailer cannot exceed 40 feet in length. Proposals exceeding 36 feet must include a justification for the need for the length. It is preferred that the trailer be as short a practical without compromising the interior space required to house Simulators, an instructor station and no more than four “observers” (students waiting for their turn on the simulator).

This amendment supersedes 1EJB1710 and previous amendments, however, all conditions that have not been addressed remain as previously published. All amendments should be included as part of vendor submissions.

If you have any questions you may contact me at 217-244-9926 or by email at ebullok@uillinois.edu.

Sincerely,

Erin J. Bullok
Contract Coordinator

END OF DOCUMENT

Exhibit 3
Illinois Fire Service Institute Grounds
Computer Based Driving Simulator System
1EJB1710

Aerial photograph:



Google Earth roadmap information available at:

<https://www.google.com/maps/@40.0851951,-88.2446338,322m/data=!3m1!1e3>