

Project Title	GMP Generator & HVAC Upgrades 540/013-XX-2021
Institution	UT Health Science Center
Description	<p>This project will upgrade portions of the mechanical and electrical system of the Good Manufacturing Process (GMP) Facility. The existing emergency generator will be replaced to accommodate increased capacity along with a new switchgear and site changes for generator protection. Also, to meet FDA requirements, new humidity and temperature-controlled roof top HVAC units are needed for the cleanroom environment.</p> <p>The scope includes the installation of a new 100kW generator, new generator pad, bollards, and associated switch gear for operation. Also included is HVAC units to maintain temperature and humidity controls for clean room environments based upon recently updated FDA requirements. Structural framing may be required to support the new units.</p> <p>The need for the larger emergency generator is related to bringing POD 4 online, adding additional loads currently not on emergency power, and emergency power to control the facilities relative humidity with new rooftop units. The units will need to be located on the emergency power supply. Best practices for cleanroom design require a temperature of 62 deg F and a humidity range of 35-55%. Given the amount of warm, moisture-laden ambient Memphis air being introduced to the existing facility, the means to achieve these requirements is using customized air handlers with deeper cooling coils and with desiccant dehumidifiers.</p> <p>Construction Procurement Method: Design Bid Build</p>
Project Schedule	<p>Designer Award by SBC Executive Sub-Committee – October 25, 2021 (Pending SBC Approval on October 14, 2021)</p> <p>Desired Design Schedule: November 2021 – January 2022</p> <p>Desired Construction Schedule: Desired Substantial Completion by Summer 2022</p>
Anticipated Licensed Professionals and consultants for Basic Services:	All disciplines as required for Basic Services
Estimated Total Project Cost	\$1,110,000
Maximum Allowable Construction Cost (MACC)	\$982,000
Designer Fee:	\$88,727 (\$982,000 x .07228 x 1.25)
Insurance Coverage	Commercial General Liability

	<p>Each Occurrence - \$1,000,000  Aggregate - \$1,000,000</p> <p>Commercial Automobile Liability</p> <p>Any Auto – Each Accident, Combined Single Limit - \$1,000,000</p> <p>Workers’ Compensation as required by statute, including employers’ liability with limits of:</p> <p>Each Accident - \$100,000  Disease, each employee - \$100,000  Disease, policy limits - \$500,000</p> <p>Professional Liability Insurance</p> <p>Each Claim - \$1,000,000  Annual Aggregate - \$1,000,000</p>
Project Category:	Minor
Designer Solicitation Date	September 21, 2021
Letter of Interest Due Date	October 5, 2021, at 5:00 pm ET
Questions received until:	<p>September 28, 2021 at 5:00 pm ET</p> <p>Any updates regarding this solicitation will be emailed to potential proposers if request for notification is received via email to <a href="mailto:designer@tennessee.edu">designer@tennessee.edu</a> by the date and time of the deadline for questions listed above.</p>