
Guam Community College (GCC) is soliciting the services of qualified Contractors to install Power-Line Conditioning System for Building D Generator; and inclusive of (but not limited to) the following, Scopes of Work ...

1. Completion: 60-calendar days ARO & NTP;
2. Site Visits must be scheduled with Facilities (Please contact Richard Pritchard 685-4402)
3. Submissions: Itemized pricing & schedule of values are to be submitted such that the GCC may (at its option) award to multiple bidders based on the lowest, responsive for each building.
4. Procurement Deadlines:
 - Submission deadline for Questions: 5:00 p.m., Tuesday, February 9, 2016
 - Deadline for GCC responses: 5:00 p.m., Thursday, February 11, 2016
 - Deadline for submission of price quotes: 5:00 p.m. Thursday, February 18, 2016
 - Email: materialsmanagement@guamcc.edu or fax: 734-5238
 - Please submit your quotation to the Materials Management Office Room 2105 (1st floor) GCC Student Services & Administration Building (Building 2000). Please provide one (1) original and two (2) copies of your price quotation in a sealed envelope. Please reference the above project description and RFQ number on the outside of your envelope.
5. Warranty: One (1) year on all parts & labor, and post the GCC's explicit acceptance;

General Scope of Works / Requirements:

1. Contractor will install power-line conditioning system ...
 - to the main primary breakers that entirely serve Building D generator to monitor, regulate, maintain & report-out the power levels that are being provided by the GPA, that are being provided to the Building D generator by your power-line conditioning system, and including ...
 - "Swells" (RMS voltages exceeding the nominal voltage by 10-80%),
 - "Dips" (RMS voltages below the nominal voltage by 10-90%),
 - "Flicker" (random or repetitive variations in the RMS voltages between 90-110% of nominal voltage),
 - "Spikes" (abrupt increases in voltages that are generally caused by large inductive loads being turned off, or by lightning),
 - "Brownouts" (nominal voltages dropping below 90%, and normally attributed to the GPA's attempts to decrease demand / to increase system operating margins),
 - "Over-Voltage" (nominal voltages rising above 110%:,
 - Variations in the frequency,
 - Variations in the wave shape / harmonics,

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- Nonzero low-frequency impedance (when a load draws more power, the voltage drops), and
 - Nonzero high-frequency impedance (when a load demands a large amount of current, then stops demanding it suddenly, there will be a dip or spike in the voltage due to the inductance in the power supply line), and
- in compliance to the latest International Building Codes;
2. Contractor shall conduct a holistic assessment of this project, and shall provide a submission that includes all of the component elements for complete, compliant operation;
 3. Contractor shall provide P&S, shop drawings, technical documentation, brochures, etc. as is necessary for the GCC to thoroughly review & explicitly approve;
 4. Contractor shall obtain the requisite permits, clearance, approvals, etc. from Agencies having jurisdiction;
 5. Contractor shall take all precautions to assure that the GCC's population remain out of harm's way throughout this project;
 6. Contractor shall contact Richard Pritchard 685-4402 for site visits.