



FRCC CELLULAR SYSTEM IMPROVEMENTS

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President

FRCC CELLULAR SYSTEM IMPROVEMENTS

- FRCC is requesting \$5,824,000 to install Distributed Antenna System (DAS) at 3 campuses.
- \$5,468,000 from the State / \$356,000 from FRCC
- Westminster Campus: 518,515 GSF (3 Buildings)
- Larimer Campus: 324,509 GSF (11 Buildings)
- Boulder Campus: 144,196 GSF (3 Buildings)

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Project will:

- Improve user experience and student success with D2L (Learning Management System)
- Provide life safety benefit due to enhanced communications for Campus Safety and First Responders
- Improve Facilities Operations
- Provide cohesive solution for all three campuses

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DAS System will:

- Deliver high-performance in-building connectivity
- Handle the volume of the varied devices students use while in buildings (smart phones, smart watch, tablets, computers)
- Provide a consistent signal strength
- Provide cost effective, quick installation
- Be fully supported by manufacturer

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- DAS System will have 10-12 years life expectancy
- System will handle both daily traffic and peak usage via IP based RF source
- System will be designed for building construction challenges (concrete & steel)
- College will have services and management agreement to maintain or replace equipment

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- College will solicit for the designer and installer via Design/Build RFQ as specified by Office of State Architect
- Service level agreement with vendor will ensure proper maintenance and response times are provided.
- College will collaborate with First Responders in each county where campuses reside to ensure system meets their needs

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In summary, the project will:

- Help FRCC provide a quality learning environment for student and employee success
- Provide the technology infrastructure that promotes innovation, inclusivity, collaboration and learning
- Facilitate a safe campus environment should an emergency arise

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NO MORE



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Thank You

Questions