



Municipal and Government

CEMS Engineering | Architecture offers a comprehensive range of design solutions to satisfy even the most diverse municipal and government program requirements. From concept to completion, this team of planning, design, and construction experts works with clients to make visions become reality.

Our philosophy of a holistic, collaborative, and integrated approach brings together all the necessary disciplines from the beginning to the end of a successful project. The CEMS office is viewed as a “communal workroom” for the collaborative efforts of all team members including the client, contractor, and consultants. An aesthetically pleasing exterior, attractive interior, functional floor plan, and a thoughtful combination of building systems are the cornerstones of a quality facility.

CEMS develops designs that incorporate cost-effective solutions, while addressing sustainable architecture and engineering practices that are good for both the client and the community.

Services Include:

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| ✦ Architecture | ✦ Program management |
| ✦ Structural Engineering | ✦ Facility and project programming |
| ✦ Civil Engineering | ✦ Request for Proposal (RFP) development |
| ✦ Mechanical Engineering | ✦ Space planning and utilization studies |
| ✦ Electrical Engineering | ✦ Site planning and analysis |
| ✦ Fire Protection Engineering | ✦ Feasibility Studies |
| ✦ Commissioning Services | ✦ Building permit drawings |
| ✦ Master Planning | ✦ Code review/consultation |
| ✦ LEED Consultation | ✦ GIS |

CEMS Engineering, Inc.

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North Charleston City Hall North Charleston, SC

CEMS performed the complete design for the new LEED Silver rated, four story 150,000 SF City hall building and a 50,000 SF first level parking garage. Key features of the building include: the 2,500 SF two story open entrance atrium, Executive Suites with conference rooms, Council Chambers auditorium; multiple Court Rooms, Emergency Management Center, Administrative offices with storage, License processing areas, and new Public Safety Department with arms room and detention facility.



Public Safety and Municipal Complex Hanahan, SC

CEMS Engineering provided mechanical, electrical, and structural engineering for this 12,000 SF municipal building. The new municipal building houses the council chambers; city manager's office; departmental administrative offices; public safety department including fire station, police station and detention facility; communications room and meeting areas.



South Carolina National Guard Maintenance Facility Florence, SC

A new 11,500 SF Vehicle Maintenance Facility located on a 16 acre site. The facility was to house a 5,000 SF administrative area and 6,500 SF multi-bay maintenance shop. The 16 acre complex included military parking, privately owned vehicle (POV) parking, access roads, sidewalks, site drainage and sediment control, security fencing, motor pool lighting, vehicle wash rack, and above ground fuel storage with dispensing complete with canopy. The facility was designed and commissioned to meet LEED Silver requirements/standards.



Federal Law Enforcement Training Center North Charleston, SC

CEMS performed the complete design for the renovation of the circa 1960's era office wing to accommodate administrative and classrooms functions for the Coast Guard and FLETC. Key features of the renovation include: Structural upgrades, new entrances, new sprinkler system, HVAC and electrical system upgrades, new interior finishes and furniture package.