FEMC Mission Statement

Approved by

Document Number EN-MPS-700

Stations

Revision 1

July 19, 2004

Active Divisions/Departments

FEMC

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Raytheon Polar Services Company
Facilities, Engineering, Maintenance, and Construction (FEMC)
Contract No. OPP 0000373

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Purpose

The purpose of this procedure is to ensure that facilities, equipment, structures and utilities are constructed, installed, and maintained in a manner commensurate with maximizing value to our customer. That is, these functions are performed in a manner which applies the most innovative and appropriate engineering and financial principles. In addition, FEMC will maintain the process of continuous improvement as a part of our culture and that the work involved is trackable with regard to cost, scope, specifications, and schedule.

Scope/Applicability

This procedure applies to FEMC (Facilities Engineering, Maintenance, and Construction) activities at McMurdo, Palmer, and South Pole Stations. These activities divide into four distinct areas, which work together via their specific disciplines to accomplish the larger overall mission. These areas are Engineering, Maintenance, Construction, and Planning and Controls.

FEMC Vision and Mission Statement

The execution of tasks necessary to accomplish the overall mission of FEMC is divided into four areas. The purpose and mission statement of each area is distinct within the level of each discipline and yet they must mesh at a higher level of functionality within RPSC to meet the overall purpose and the mission of the division. The visions of the four areas are:

Engineering

The vision of Engineering is to prepare innovative yet practical design solutions in a timely manner for all customers. This vision is met by making knowledge-based decisions regarding facility needs and science requirements, and is communicated via detailed engineering drawings,
basis of design documents, and specifications that allow for the efficient procurement and installation of necessary buildings and equipment. The engineering function, at its best, will continually look for and discover new and more cost effective solutions to our customers’ needs.

Maintenance

The vision of Maintenance is to keep all facilities, equipment, structures and utilities in good working order for longest cost effective life at maximum efficiency, maximizing customer satisfaction in the process. This vision is met via making knowledge-based decisions while executing necessary work orders, Preventive Maintenance (PMs), and Life Cycle replacements. In addition, the maintenance function, through the Facilities Engineers will continuously assess the state of all equipment, buildings, and infrastructure and will take necessary actions and make recommendations to our customers in an effort to meet our vision.

Construction

The vision of the Construction Group is to execute the engineering designs for new and existing buildings and facilities in the most efficient and cost effective manner possible. In this, the group will promote and support construction initiatives, facilitate information exchange, and promote production and quality processes to improve the end product delivered to our customers.

Planning and Controls

The vision of Planning and Controls is to deliver excellent value and predictability to the NSF through continued implementation of EVMS (Earned Value Management Systems) and month over month improvements of the TCPI (Total Complete Performance Index) and SVPI (Schedule Variance Performance Index) trends and to create and maintain accurate schedules that reflect and track all aspects of the FEMC workload. We will provide professional estimates for all proposed work for each design phase that will give the client and other customers a clear understanding for their planning, budgeting, and staffing requirements.
Mission Execution

FEMC, as a Division, will accomplish its mission through an ongoing assessment of all existing on-ice facilities. This assessment will accumulate information collected from all sources and will prioritize and execute work as needed to maintain the facilities, buildings, and infrastructure. The manner of work execution will be dependant on the size and cost of the work scope involved and will include; the issuance of work orders, CRs (Change Requests) for ongoing projects, CCRs (Configuration Change Request) in the case of existing facilities, and EPDs (Engineering Project Definitions) for the establishment of both minor and major projects.

The interaction of the four groups within FEMC will encourage the resolution of issues discovered as part of the ongoing assessment. And this interaction will, through ongoing communication, continually promote the work necessary to meet the vision of the Division. This being the case, FEMC will be dedicated to finding solutions that will not compromise our schedule, our financial responsibility, nor the safety of our employees. We will continue to strive for better communication and improved partnerships with the NSF, other RPSC Divisions, and remote locations on job status issues through web based tools, improved reporting resources, as well as, open communication on all levels. Through these commitments, we intend to support our customers to meet their mission success as well as align ourselves with their strategic goals.

Records

This procedure generates no records.