Ft Carson
DPW SRM Program Support
SAME Presentation-
Omaha Post

JUSTIN S. McMILLAN, PMP
CPT, EN
Project Manager – Forward

BRIAN KING AIA
Project Manager – Forward

13 October 2016
Overview

- Background of Ft Carson DPW mission
- Why the need for USACE support
- Scope/Size of typical Projects
- Execution Methodology
- Contract Tools
- FY 16 Program/Out years forecast
- Challenges/Succeses
Ft Carson

- Established in 1942
- Ft. Carson – 137,000 acres
- Pinion Canyon Maneuver Site - 235,896 acres
- Supports 26,000 Active Duty and 98,409 Retirees
Ft Carson DPW

- DPW responsibilities
- How they traditionally executed work
- How they operate now
Why USACE?

- SRM vs MILCON- Must go USACE or NAVFAC
- SRM “customer” has options (GSA, SABER, etc.)
- Why Ft. Carson requires USACE support
Typical SRM projects

- Buff/Fluff, Roads, Roofing, major rehab, etc....
OMAHA project flowchart w/ package requirements

PROJECT INITIATION - Form Project Team

Receive Directive w/ SOW MIPR ATOPSEC SCAR
Enter P2 PIF
Form PDT
Project Acquisition Strategy Board
Develop PMP - P2 Budget Schedule & Interface CEFMS
PMP Approval
A-E or In-House Design

A-E SELECTION PROCESS – Site Specific A-E Services or IDT Contract (If Required)

IN-HOUSE DESIGN

Verify Project Scope
Distribute Initiate Tasking & Funding Document
Pre-Design Conference
Update Budget & Schedule
Monthly Status Updates

PRELIMINARY DESIGN

Start Prelim Design Build Pkg: PM Leads PDT Designer/Customer
Review Prelim Design - Distribute - Coordinate Comments

DESIGN BUILD / READY TO ADVERTISE

RTA Package
BCOES Review IGE
Submit Design Package
Review/Incorporate Comments
35% Design Package Submission to PDT
Prepare Design Build Package

Value Engineer
Incorporate Changes & Comments
OMAHA project flowchart w/ package requirements

ADVERTISE & AWARD
- Customer Provides Advertising Authority
- RFP Issuance
- RFI Response During Bid Process
- USG RFI Response
- Evaluate Proposals
- Develop Award CWE Request Funds
- USACE Peer Review/Certify Funds
- Award Construction T.O.

CONSTRUCTION EXECUTION
- Pre-Construction Conference
- NTP
- Q.C Plan Safety Plan SWPP
- Shop Drawing Submittals
- Monthly Contractor Progress Payments
- Process Contract Modifications
- Preliminary Inspection
- Punch list
- Final Inspection
- BOD
- Contract Physically Complete Facility Transfer
- Final A-E Evaluation (if Rqrd)
- Close-Out Design Contract (if Rqrd)
- Construction Contractor Evaluation
- Fiscal Closeout of Contract/MIPR

WARRANTY
- Nine Month Inspection
- Four Month Inspection
## Contract Tools

<table>
<thead>
<tr>
<th>CONTRACT TOOLS</th>
<th>FORMAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>$36M A-E IDIQ</td>
<td>2-unrestricted, 1-SB, 1-SDVOSB</td>
</tr>
<tr>
<td>$49M SCIPT</td>
<td>SATOC, D/B, D/B/B, (Min Design)</td>
</tr>
<tr>
<td>$49M SDVOB MATOC</td>
<td>MATOC, D/B, D/B/B,</td>
</tr>
<tr>
<td>$99MM SDVOSB FSRM</td>
<td>MATOC, D/B, D/B/B,</td>
</tr>
<tr>
<td>$225M SB FSRM IDIQ</td>
<td>MATOC, D/B, D/B/B,</td>
</tr>
<tr>
<td>Direct Award – 8A Sole Source</td>
<td>Sole Source, D/B, D/B/B,</td>
</tr>
<tr>
<td>Direct Award – Tribal Own</td>
<td>Sole Source, &gt;$4M</td>
</tr>
<tr>
<td>Rapid/Immediate Response</td>
<td>Environmental, RDI</td>
</tr>
</tbody>
</table>
FY 16 FSRM Program
Baseline Projected Total: $50.8M

- Bridge Repairs - 2 Contracts - $6.1M
- Electrical - 5 Contracts - $4.5M
- Mechanical - 4 Contracts - $6M
- Building Renovations – 6 Contracts - $9.5M
- Roads and paving - 5 Contracts - $10.6 M
- Roof Repairs - 2 Contracts - $5M
- Sanitary Infrastructure - 1 Contracts - $4.6M
- Post Wide Erosion Repairs - 1 Contracts - $4.5M
- Gas Infrastructure - 1 Project - $0.35M
DPW FY16 SRM Program Budget

<table>
<thead>
<tr>
<th>SRM PROGRAM</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FSM Budget</td>
<td>$58,132,600.00</td>
</tr>
<tr>
<td>Additional IMCOM Funding</td>
<td>$7,527,000.00</td>
</tr>
<tr>
<td>Must Funds (BASOPS contract)</td>
<td>$26,833,454.85</td>
</tr>
<tr>
<td>ERVT Fund Line (new work)</td>
<td>$5,789,940.31</td>
</tr>
<tr>
<td>QRPA PROJECT Budget</td>
<td>$33,036,204.84</td>
</tr>
<tr>
<td>Total Project</td>
<td>$38,826,145.15</td>
</tr>
</tbody>
</table>

<p>| CONTRACTING SEGMENTATION                  |         |</p>
<table>
<thead>
<tr>
<th>AGENCY</th>
<th># Work Orders</th>
<th>TOTAL $</th>
<th>% OF SRM PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>MICC</td>
<td>13</td>
<td>$1,254,076.85</td>
<td>3.29%</td>
</tr>
<tr>
<td>USAFA</td>
<td>6</td>
<td>$2,147,765.43</td>
<td>5.63%</td>
</tr>
<tr>
<td>USGS</td>
<td>1</td>
<td>$50,000.00</td>
<td>0.13%</td>
</tr>
<tr>
<td>GSA</td>
<td>1</td>
<td>$150,000.00</td>
<td>0.39%</td>
</tr>
<tr>
<td>TROOP</td>
<td>7</td>
<td>$7,806.67</td>
<td>0.02%</td>
</tr>
<tr>
<td>OTHER</td>
<td>4</td>
<td>$677,000.00</td>
<td>1.77%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>78</td>
<td>$37,829,422.90</td>
<td></td>
</tr>
</tbody>
</table>

BUILDING STRONG®
FY 17 and Out years
Baseline Projected Total: $40.8M

- Building Renovations – 10 Contracts - $9.3M
- Electrical – 1 Contract - $350K
- Gas/Water – 1 Contract -$310K
- Mechanical – 4 Contracts - $3.9M
- Civil – 5 Contracts - $12.1M
- Roof – 6 Contracts - $11.5M
Challenges

- Deliver Quality Projects efficiently (Price/Time)
  - One Year Funding, uncertain budget
  - USACE traditional business processes
- Over Designed Repair Projects
  - USACE designs “new” not “fixes”
  - Life cycle requirements 5 year vs. 25 year
- Design/Contracting Timeline
  - Requirements in spring, with construction award by Sept.
Successes

- Deliver Quality Projects efficiently (Price/Time)
  - Finding efficiencies and battle rhythm. Ever year better.
- Over Designed Repair Projects
  - Design to customer expectation / Temp Fixes
- Design/Contracting Timeline
  - Fall coordination with DWP to review work load
  - Contract tools in place
  - Usage of SATOC utilizing local USACE resources for scope, pricing, negotiations.
Questions??