

78th Civil Engineer Group



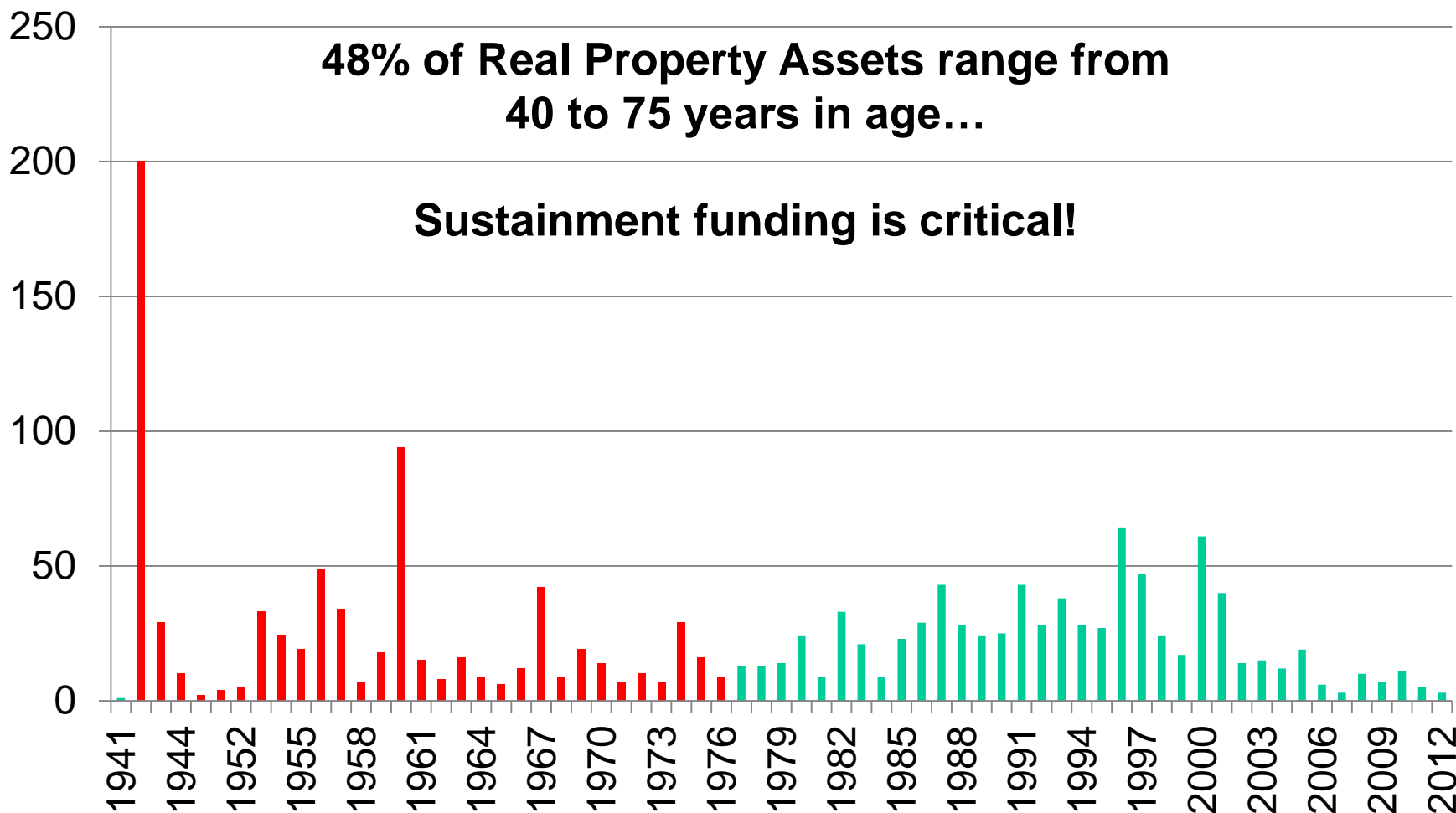
***SAME
Briefing***



**Presented By:
Mr. Marshall S. Wall Jr.
78 CEG/CEN**



RAFB Real Property Age





Yearly Workload



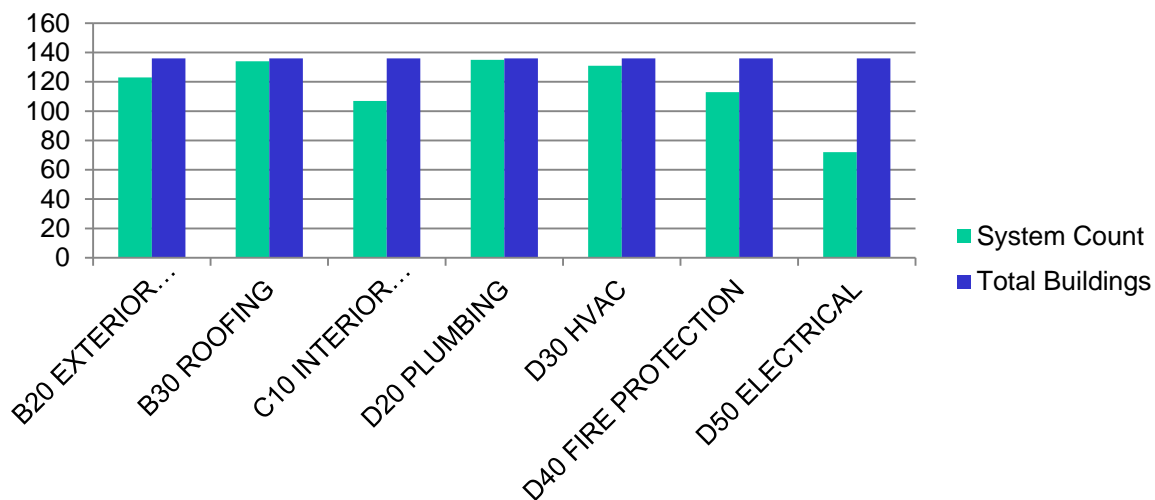
- Direct Scheduled Work (DSW) Request -**180,698 hours**
- Preventive Maintenance (PM) – **90,942 hours**
- Utility Bills ~**\$27M Total**
- Contract level Projects – **> 400 identified**
 - Funding Capacity ~ **242**
- Projects under contruction – ~ **150 at any point**



WR-ALC BUILDER Status



| Systems | System Count | Total Buildings | % Complete |
|---------------------------|--------------|-----------------|------------|
| B20 EXTERIOR ENCLOSURE | 123 | 136 | 90% |
| B30 ROOFING | 134 | 136 | 99% |
| C10 INTERIOR CONSTRUCTION | 107 | 136 | 79% |
| D20 PLUMBING | 135 | 136 | 99% |
| D30 HVAC | 131 | 136 | 96% |
| D40 FIRE PROTECTION | 113 | 136 | 83% |
| D50 ELECTRICAL | 72 | 136 | 53% |





Current Mission Projects



Project in FY18-22 FYDP

| PRI | ORG | FY | PROJECT NO | PROJECT TITLE/DESCRIPTION | COST (\$000) | TECHNICAL SCORE |
|-----|-----|----|------------|------------------------------------|-----------------|--------------------|
| | ABW | 18 | 163000 | COMMERCIAL VEHICLE VISITOR CONTROL | \$9,800 | |



Current Mission MILCON Priority List



| PRI FY20 | ORG | FY | PROJECT NO UHHZ | PROJECT TITLE/DESCRIPTION |
|---------------------|---------------|-----------|----------------------------|---|
| 1 | CMXG | 20 | 093004 | A/C FIRE BOTTLE FACILITY |
| 2 | SMXG | 20 | 093001 | SOFTWARE SUPPORT FACILITY EXPANSION |
| 3 | EMXG | 20 | 073008 | CONSOLIDATED PMEL/GYRO FACILITY |
| 4 | MXSG | 20 | 093005 | DEPOT QUALITY CONTROL LABORATORY |
| 5 | ABW | 20 | 063000 | CONTROL TOWER/BASE OPS COMPLEX |
| 6 | 5 CBCS | 20 | 153000 | 5th CBCG HQ/SQUADRON OPS FACILITY |
| 7 | AMXG | 20 | 073001 | C-17 MAINTENANCE HANGAR, B/81, 82, 83 |
| 8 | CMXG | 22 | 093003 | CONSOLIDATED COMPONENT REPAIR FAC |
| 9 | HBG | 21 | 103002 | C2ISR (RPL B/350) |
| 10 | ABW | 20 | 103005 | CHILD DEVELOPMENT CENTER |



Current Mission UMMC Priority List



| PRI | ORG | FY | PROJECT NO | PROJECT TITLE/DESCRIPTION |
|-----|-----|----|------------|-------------------------------|
| 1 | ABW | 19 | 103000 | ADAL FIRE STATION NO. 1 B/377 |
| 2 | ABW | 19 | 120222A | ADDITION LAW CENTER BLDG 215 |



Robins #1 MILCON B150 - Fire Bottle Facility



**Scope: Construct new 32,012 SF
Fire Bottle Facility on existing site**

Why We Need It

- Facility constructed in 1944; provides fire extinguisher support and life raft servicing to all A/C in inventory
- Safety RAC assigned due to structural failure of roof requiring employee evacuation when wind exceeds 35 knots
 - 6 evacuations in last 8 months
 - Production manhours lost - 270

Compromised Truss



Cracked purlins





Robins #1 P-341

Add/Alter Fire Station 1



**Scope: Construct 4,700 SF
addition; companion O&M project**

Why We Need It

- Existing fire alarm no longer meets code
- HVAC system inadequate
- Roof frequently leaks—patched numerous times
- Bunkrooms do not meet OSHA standards



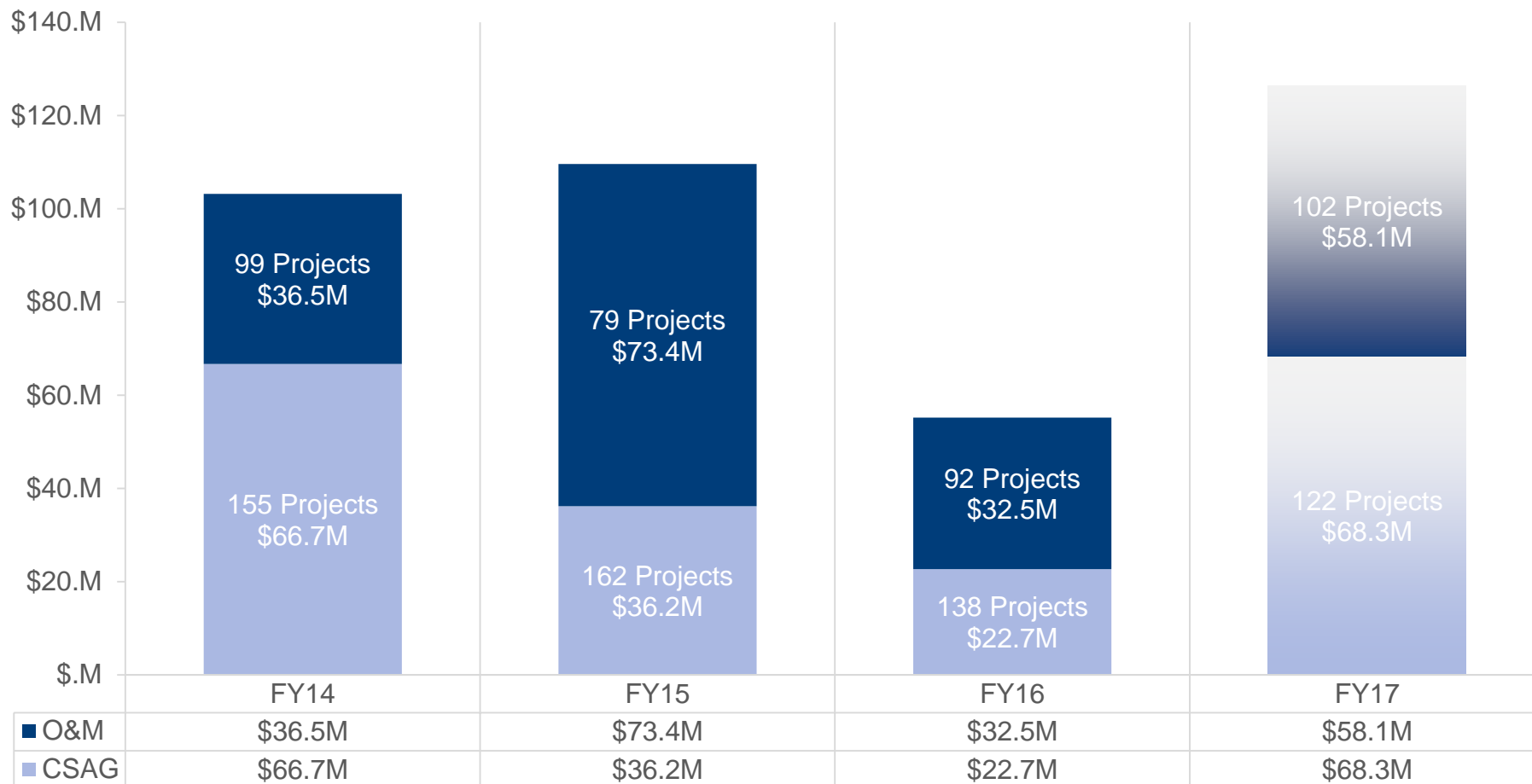
MILCON



- Repair Upgrade Fuel Hydrant System Bldg 2089: \$19.9M
 - Under construction, ECD: Aug 18
- Perimeter Airfield Boundary Fence: \$1.9M (P-341)
 - Under construction, ECD: Dec 17
- AFRC Consolidated Mission Complex: \$26.3M
 - Under construction, ECD: Dec 18
- Commercial Gate:
 - Proposed FY18
- AFRC Consolidated Mission Complex (phase 2):
 - Proposed FY18



Construction Program



Operations and Maintenance (O&M)
Consolidated Sustainment Activity Group (CSAG)



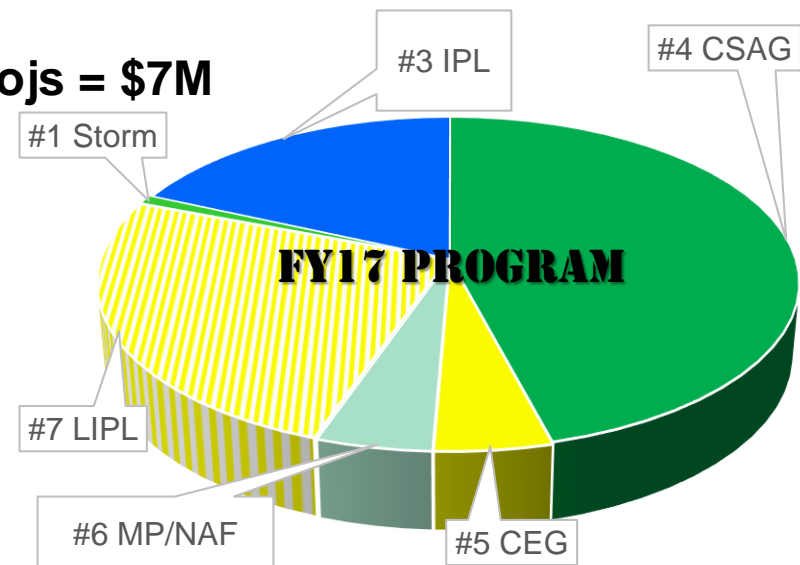
78 CEG

FY17 Project Program



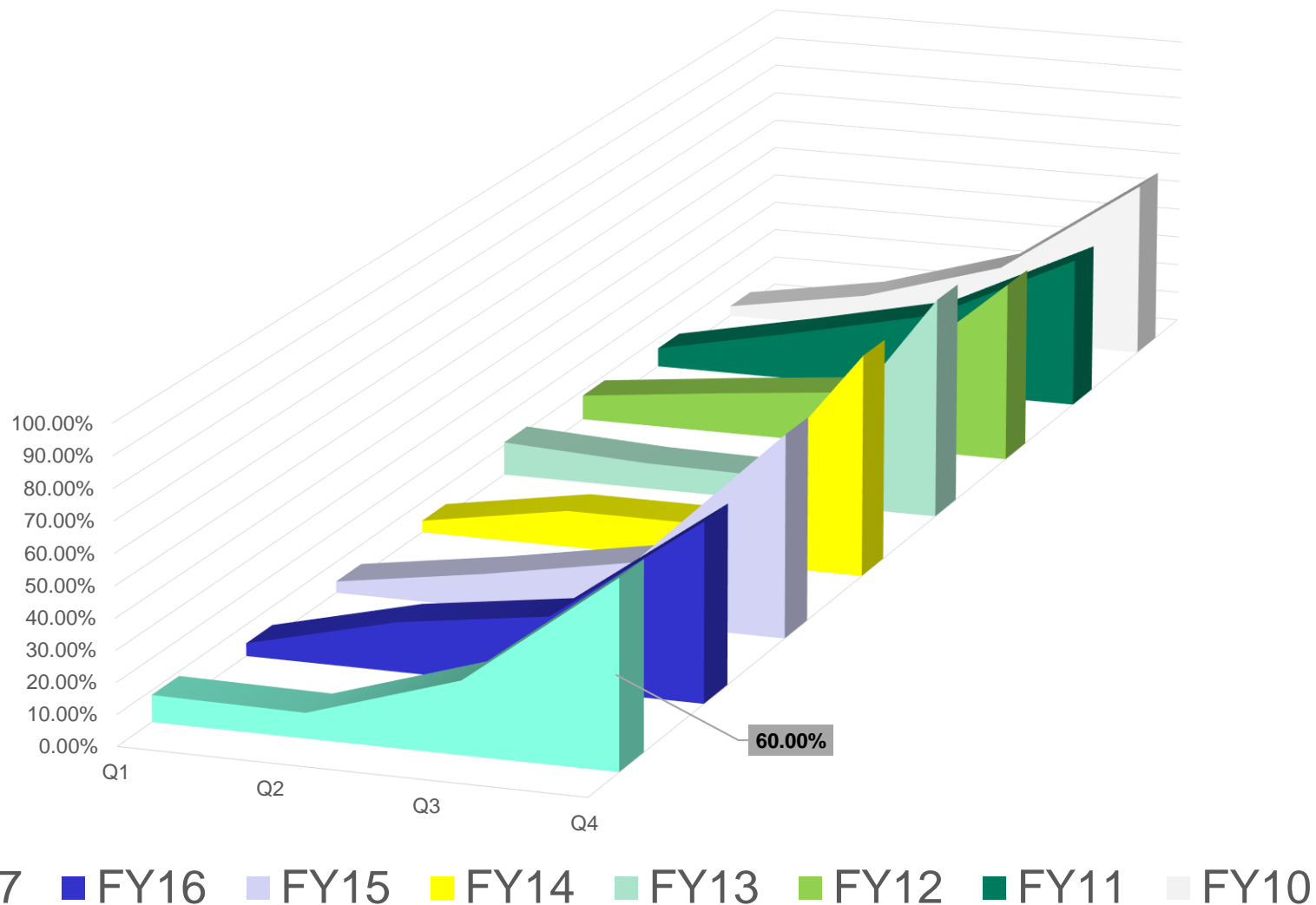
➤ Current FY17 Program → 227 Projs = \$126M

- Pri #1: Storm Damage → 9 Projs = \$1M
- Pri #2: IDIQs → 3 Contracts = *\$195M capacity*
- Pri #3.1: IPL → 9 Projs = \$13M
- Pri #3.2: IPL Supplemental → 17 Projs = \$14M
- Pri #4: CSAG → 102 Projs = \$68M
- Pri #5: CEG → 22 Projs = \$9M
- Pri #6.1: Mission Partners → 21 Projs = \$7M
- Pri #6.2: NAF → 2 Projs = \$170K
- Pri #7: LIPL → 42 Projs = \$13M





Project Award History by Quarter





Contract Execution

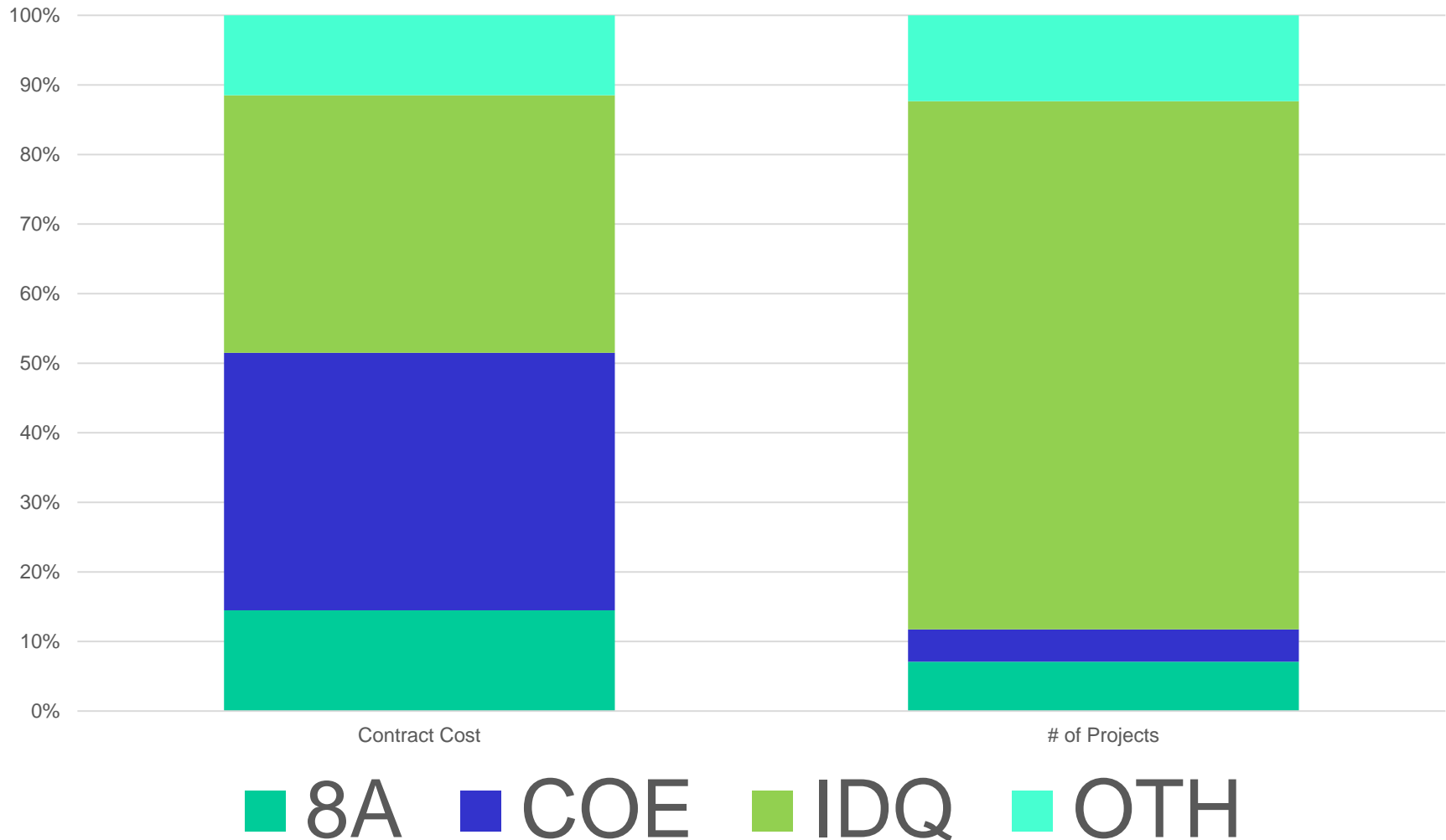


- **78 CEG IDIQs**
- **USACE IDIQs**
- **Competitive Bid**
- **Sole Source 8(a)**
- **Air Force Reserve Command (AFRC) IDIQs**
- **Air Force Civil Engineer Center (AFCEC)**

**NOTE: Construction contracts are small business:
HUB Zone, SDV, 8(a), Women owned**



Contract Execution History (5yr Avg)





78 CEG IDIQs



| Title | Value | Start | End | Follow-up RFP |
|-------------------------------|--------|-------------|----------|---------------|
| SABER IDIQ | \$30M | Oct 2016 | Oct 2021 | Jul 2020 |
| Paving IDIQ | \$40M | Aug 2016 | Aug 2021 | May 2020 |
| Paint IDIQ | \$7M | Aug 2016 | Aug 2021 | May 2020 |
| AE IDIQ | \$9.5M | May 2016 | May 2021 | Mar 2020 |
| Flooring IDIQ | \$70M | Dec 2015 | Dec 2020 | Aug 2019 |
| CEMACC IDIQ** | \$70M | Mid Aug 17 | | |
| Mech/Elec IDIQ** | \$45M | Mid Apr 18 | | Jan 2017 |
| Roof IDIQ** | \$95M | Late Aug 17 | | |
| | | | | |
| | | | | |
| ** Current IDIQ is capped out | | | | |
| | | | | |

SUCCESS ROADS TO COMMUNES





CE's Success Stool



ENGINEERING DIVISION KEYS TO SUCCESS

- **BUILD REQUIREMENTS WHEN THEY ARE NEEDED; not when money drops**
- **FSRM projects meeting start in October**
 - Includes CE, CPTS, PZIOC, and customers
- **Monthly CSAG project**
 - Includes CE, PZIOZ and customers
- **Work with contractors to hold bids into next FY**



What keeps me up at night?



Inability to “replace aging work force”

**CE needs entry-level
Engineers!!!!!!!!!!**



Direct-Hire Authority



The 78th Civil Engineer Group have been given a great opportunity to direct-hire five new recent graduates who have been awarded a degree in engineering or architecture in the past two years.

The individual series needed are listed below for your reference and information:

Architecture – Job Series 0808

Civil Engineer – Job Series 0810

Mechanical Engineer – Job Series 0830

Electrical Engineer – Job Series 0850

Applicants should their resume to marshall.wall.1@us.af.mil . Do not apply online. The window of opportunity for submitting your resume directly to Mr. Wall is between 15 August and 1 November 2017.

Questions



Breaking Barriers ... Since 1947