Safety Success at Camp Pendleton Hospital

**Moderator:** Amy D’Alonzo-Basehoar, DOD Key Client Manager, TerraneaPMC LLC

**Speakers:**
- Richard Wright, CIH, Chief, Safety and Occupational Health, HQ USACE
- Capt. Rodney O. Worden, P.E., CEC, USN, Commanding Officer, NAVFAC Midwest
- Cdr. Dude Underwood, P.E., CEC, USN, ROICC Naval Hospital Camp Pendleton
- Sam Hoelscher, Senior Project Manager, Clark Construction Group
- Fred Wilton, Regional Safety Director, Western Region, Clark Construction Group
USACE and Contractor Safety – A Successful Partnership

Richard Wright, CIH
Chief, Safety and Occupational Health

Headquarters,
U.S. Army Corps of Engineers
DoD Construction- Why contractor safety programs?

Contract Clauses Affecting Safety on worksites

- Federal Acquisition Regulation Clauses (FAR Clauses)
  - Solicitation provisions are certifications, notices, and instructions for firms that plan to compete for a specific contract
  - Provides clear requirements for safety in construction contracts
  - Outlines safety management and program requirements for contractors
FAR Clause 52.236.13

“If this contract is for construction or dismantling, demolition or removal of improvements with any Department of Defense agency or component, the Contractor shall comply with all the pertinent provisions of the latest version of U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, in effect on the date of solicitation.”
Engineer Manual 385-1-1
Safety and Health Requirements Manual
Safety and Occupational Health Requirements

• EM 385-1-1, Safety and Health Reqts Manual
  • In use since 1941. OSHA utilized parts of the manual.
  
  ➢ Required in all DoD Construction contracts
  ➢ Required to be used for our own projects and employees
  ➢ Developed in coordination with sister services, federal agencies, industry partners, labor unions
  ➢ Based on best practices / lessons-learned
  ➢ 6 changes posted to website.
  ➢ Next revision is being worked currently - early 2014

• USACE SB aids, standardized forms & checklists are developed/posted on website so available to all (eliminates District-specific inconsistencies)
Unified Facilities Guide Spec (UFGS) 01 35 26, Safety and Occupational Health Reqs

- Dev. as a coordinated effort between USACE / NAVFAC
- Provides unified, consistent guidance for interpretation of the FAR clause and the EM 385-1-1
- Formalizes the way safety is managed on construction sites
- Removes the need for many local or project-related safety clauses

http://www.wbdg.org/ccb/DOD/UFGS/UFGS%2001%2035%2026.pdf
Accident Prevention Plan (APP)

- A written document that defines how you are going to manage your safety program during the contract.
- Sets the tone for the entire project
- Minimum requirements are found in Appendix A, EM 385-1-1
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<thead>
<tr>
<th>Item Description</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
<th>Remarks (Any NO or N/A item)</th>
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<tbody>
<tr>
<td>1. Signature Sheet</td>
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<td>a. Includes the title, signature, and phone number of the Plan Preparer (Qualified Person, Competent Person, such as corporate safety staff person, QC)</td>
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<td>b. Includes the title, signature, and phone number of the Plan Approver (corporate officers authorized to obligate the company)</td>
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<td>c. Includes the name(s), signature(s), and title(s) for Plan Concurrence (provide concurrence of other applicable corporate and project personnel (contractor) (e.g. Chief of Operations, Corporate Chief of Safety, Corporate Industrial Hygienist, project manager or superintendent, project safety professional, project QC)</td>
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<td>2. Background Information</td>
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<td>a. Includes the Contractor Name.</td>
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<td>b. Includes the Contract Number.</td>
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<td>c. Includes the Project Name.</td>
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<td>d. Includes the Brief Project Description.</td>
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<td>e. Includes the location of the project.</td>
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<td>f. Includes the Listing of Phases of Work and Hazardous Activities Requiring an Activity Hazard Analysis (AHAs).</td>
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<td>3. Statement of Safety and Health Policy. Includes a copy of current corporate/company Safety and Health Policy Statement, detailing commitment to providing a safe and healthful workplace for all employees. Includes the Contractor's written safety program goals, objectives, and accident experience goals for the current contract.</td>
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<td>4. Responsibilities and Lines of Authority</td>
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<td>a. Includes a statement of the employer's ultimate responsibility for the implementation of the SOM program</td>
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<td>b. Includes the identification and job responsibilities of personnel responsible for safety - at both corporate and project level - including their resumes.</td>
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<td>c. Includes the lines of authority.</td>
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CSCO Checklist A-02, Apr '11
How Do We Manage Safety?

• QA/QC Process
  • Partnership between USACE Quality Assurance Representatives (QAR) and Contractor Quality Control (QC) personnel
  • Prime Contractors responsible for safety for prime and sub-contractor personnel
SO WHAT?

- We are one Team- taking care of our most precious resource!

- In FY-12, our Contractor Teammates (Civil and Mil Mission) worked approximately 206 million man-hours with:
  - DART Rate of **0.45** (DART- Days Away, Restricted Transferred Rate)
  - 2012 Bureau of Labor Statistics data shows a national DART rate of 2.0 for all construction activities – USACE contractors **WELL** below this metric.

- In FY-12, the USACE Civilian workforce worked approximately 77 million man-hours, with:
  - DART Rate of 0.64 (~1/2 Army’s!)

- Future work based on Safety Success!
QUESTIONS?

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NAVFAC Contractor Safety Program

• EM-385-1-1 serves as the standard for all NAVFAC contractor work
  • Uniform Facilities Guide Specifications augment these requirements
• Safety included as a stand-alone factor in contactor selection and evaluation
  • FY14 will include sub-contractor performance evaluation
• Contractor DART rate 1/3 national average and declining 6 consecutive years
  • Product of program compliance, Contractor QA and Government QC
  • Contractors increasingly reporting and sharing near miss and lessons learned
• NAVFAC holds mishap review boards for all contractor mishaps
• Updated EM-385-1-1 requirements designed to improve mishap prevention
Replacement Naval Hospital
ARRA Project P-1653

Project Overview
$407M Construction / $42M Equipment
500K s.f. Hospital
500K s.f. Parking Structure
2500 Parking Spaces
Central Utilities Plant
Communications Facility
Helicopter Pad
100% KTR Procured Equipment
LEED Gold Anticipated
Milestones

DB Contract Award (Sep 10)
Groundbreaking (Dec 10)
First Foundation (June 11)
Structure Complete (Nov 11)
Parking Structure Complete (Aug 12)
Construction Complete (Oct 13)
First Patient (Dec 13)
Current Status

99% complete ($442 M)

<1% Customer Changes

6 months ahead of original schedule

2,600,000 man hours construction - ZERO DART

Over 5000 workers

Pioneered Turnkey Equipment Delivery

Multiple Awards
Typical Day at NHCP (current)

2880 Prescriptions dispensed
2354 Laboratory procedures
1968 Ambulatory visits
610 Radiology procedures
131 Emergency department visits
19 Admissions
14 Surgeries
5 Deliveries

Anticipated 30% faster patient throughput due to building efficiencies, adjacencies, and evidence based design principles
Impact

Beneficiary Population – 151,000
Active Duty, Retired Military, Family Members
Staffing – 2100 Military & Civilians

CONSTRUCTION’S LOCAL IMPACT

$275M (75%) subcontracted to Small Business
$158M (50%) Service Disabled Veteran Owned
NAVAL HOSPITAL
CAMP PENDLETON
Sam Hoelscher and Fred Wilton
Safety is a Family Value

- This is not a stock picture
- Framing Forman’s Granddaughter, whose father was killed at war
Safety Orientation

- Site Specific Safety Orientation Binder
  - Job Specific
  - Camp Pendleton Habitat Requirements
  - EM 385-1-1
Competent Person

- Competent Person Vest
  - Letter from subcontractor and all documentation backing up the activities they will perform that require a CP.
S.O.R. & S.T.A

- S.O.R. (Safety Observation Report)
  - SOR cards are filled out by all workers recording any potential safety hazards or workers doing unsafe work.
  - These cards are looked at and put into a drawing for prizes at the All Hands Safety Meeting each month.
Leading Indicator Trending

- Weekly updates from our SOR cards

2012 YEAR TO DATE – ALL LEADING INDICATORS
S.O.R. & S.T.A

- S.T.A. (Stop, Talk, Accept)
  - A practice we put in place giving every worker the authority to stop unsafe work, talk to their co-workers about it, and for the worker to accept what he is being told and fix it.
  - This would also be filled out on a SOR card for a chance to win a prize at the All Hands Meeting (prizes donated by the subcontractors).
S.O.R & S.T.A

- Coins
  - A Military tradition of a gold coin being given out in recognition as an award of excellence.
  - We made our own coin, and recognize individuals for safe practice by the CMAJV team at the All Hands Meeting.
Safety Committee

- Meets every Monday to discuss safety on the job.
- Representatives from CMAJV and NAVFAC walk once a day, every day, and observe a topic brought up at the meeting.
  - Pictures are taken to document the good and the bad.
- Lunch is provided