PROJECT CASE STUDY / FEDERAL · DESIGN & CONSTRUCTION

Martial Arts Training Pit

Marine Corps Air Ground Combat Center, Twentynine Palms, California

NAVFAC Southwest · In-Line as Prime Contractor



The completed training pit — powder-coated steel structure, padded columns, hanging heavy bags and a matted training surface, built for the Marine Corps Martial Arts Program.

CLIENT
U.S. Department of the Navy — NAVFAC Southwest

IN-LINE ROLE
Prime contractor, direct to the Government

CONTRACT
N62473-11-G-0029, Task Order 0001

VEHICLE
SBA 8(a) Basic Ordering Agreement

AWARDED
26 September 2011 · $222,206

COMPLETED
2012

THE PROJECT

Every Marine is trained in hand-to-hand combat. At Twentynine Palms they train for it outdoors, in the Mojave, on a surface that has to absorb a body hitting it — and under a roof, because the alternative is training on 115-degree steel and gravel.

The Navy needed a Marine Corps Martial Arts Program training pit built at the Combat Center. They issued it as Task Order 0001 against In-Line's **8(a) Basic Ordering Agreement with NAVFAC Southwest** — an agreement covering San Diego, Santa Ana, Los Angeles and Phoenix.

This is not a fence job. This is a complete facility, and In-Line built all of it as prime.

WHY IT WAS HARD

It is a building, not a barrier

Foundations, a pre-engineered bolt-together steel structure, roof framing and metal roofing panels, powder coat finish, gutters and downspouts, padded column wraps, hanging heavy bags, tatami training mats, engineered rubber mulch surfacing and a storage container — sourced, built, finished and warranted as one scope by one contractor.

Prime contractor obligations, in full

Performance and payment bonds at the full contract sum within ten days of award, before any work could begin. Concrete testing and inspection. Vehicle passes and base access for every subcontractor. A **DO-C2 national defense priority rating** on material orders. Contract performance statements at every billing. Progress photography submitted with each pay application.

A closeout package with a dozen separate warranties

A facility this varied does not close out on one form. In-Line assembled and delivered warranties and O&M documentation for the structure, the powder coating, the roofing panels, the column wraps, the heavy bags, the tatami mats, the rubber mulch and the storage container — plus a written maintenance procedure for the bolted structure, including inspection after seismic events.

WHAT IN-LINE DELIVERED

- **Complete pre-engineered steel shade structure** — foundations, columns, roof framing and metal roofing panels, finished in powder coat rather than paint for desert service life.
- **Training surface** — engineered rubber mulch pit surfacing and tatami mats.

- **Training equipment, installed** — hanging heavy bags and padded column wraps so the structure itself is safe to be thrown against.
- **Equipment storage container**, delivered, sited and warranted.
- **Full prime contractor delivery** — bonds, base access coordination, concrete testing and inspection, priority-rated procurement, progress photography, DD 1354 transfer and a complete multi-part closeout and warranty package.
- **Written O&M procedure** for the bolted structure — six-month inspection intervals and post-earthquake checks — so the Marines maintaining it after handover knew exactly what to look at.

SCOPE AT A GLANCE

Pre-engineered steel structure | Foundations | Metal roofing | Powder coat finish | Padded column wraps | Heavy bag systems | Tatami mats | Rubber mulch surfacing | Storage container

THE RESULT

The pit is in service at the Combat Center. Marines have been training on it since 2012 — which is the only durability test that matters for a structure whose entire purpose is being hit.

The Navy did not hire a fence company to build this. They hired a contractor already holding an 8(a) ordering agreement, already bonded, already cleared onto the base — and let them build the whole thing.

MORE THAN FENCE AND RAILING

In-Line is a licensed general engineering and structural steel contractor. Fence and railing is the largest part of what we do — it is not the limit of it.

- **We hold federal contracts in our own name.** This one came through an 8(a) Basic Ordering Agreement with NAVFAC Southwest covering San Diego, Santa Ana, Los Angeles and Phoenix.

- **We build complete facilities.** Foundations, pre-engineered structures, roofing, finishes, equipment and surfacing — delivered and warranted as one scope.
- **We close out properly.** Multi-part warranty packages, O&M documentation and written maintenance procedures, so the facility is supportable after we leave.
- **We are certified, bonded, signatory, and safe.** DBE · SBE · SLBE · SB · HUBZone · SBA 8(a). Union affiliated, Local 89 & Local 12. CSLB C-13, C-51, C-32. Bonded through Old Republic Surety, rated A+ XV. **EMR 0.68.**

Thirty-five years. Federal, transit, public works, utilities, school districts and universities across Southern California. One standard.

HAVE A PROJECT LIKE THIS?

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