

# HOLISTIC HEALTH AND FITNESS (H2F) READINESS KIT



## THE PROBLEM

The Army needs a cost-effective solution to deploy Soldier Performance Readiness Centers (SPRC) to Army bases.

The current approach to developing Holistic Health and Fitness (H2F) facilities is too expensive. The high price tag means smaller facilities and less frequent Soldier accessibility resulting in insufficient service for Soldiers' holistic health, readiness levels, and human performance baselines to accomplish missions.

## THE OPPORTUNITY

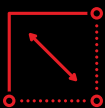
This is a Phase I SPARTN SBIR opportunity. Phase I begins with a concept demonstration to Army stakeholders/problem owners. This establishes technical merit, feasibility, and commercial potential of proposed R&D efforts to determine the company's success potential.

Up to five businesses will be selected to receive up to \$200,000 each for a three-month period of performance. Relevant technology focuses could include energy-efficient and innovative construction materials, modular foundations, modular building techniques, and rapid construction. This is a partnered effort with Army Applied SBIR. That means plans for a potential Phase II co-funded effort will enhance project funding, increase transition likelihood, and ensure front-end Army customer involvement.

## Examples of successful facility features could include:

- + Innovative construction techniques
- + Cost-effective building materials
- + Anti-terrorism force protection
- + Fire protection system for safety
- + Low-cost commercial internet
- + Foundation preparation and installation costs included
- + Plumbing and electrical connections for HVAC and hygiene
- + 25-year warranty on structural defects including enclosure materials (roofing/siding)
- + Three-year warranty on defects in workmanship and materials including facility equipment, finishes, doors/windows

**H2F Readiness Kit applications open Jan 17  
and close Feb 14 at 11:00am CT.  
Learn more at [aaf.army/get-involved](https://aaf.army/get-involved)**



### FACILITY DIMENSIONS

The targeted H2F facility must encompass 43,189 square feet with a minimum of 16 ft. ceilings. These dimensions must apply to a single-level facility.



### WEATHERPROOF

This facility must withstand wind gusts with speeds up to 115 mph and three second gust duration minimum. It also must be able to handle at least 92 lbs. per sq. ft. of snow load on the roof.



### ENERGY-EFFICIENT

The facility needs to meet or exceed traditional "brick and mortar" energy-efficiency standards for environmental control.



## WHO WE ARE

### Army Applications Laboratory

We solve Army problems by harnessing real innovation and best-in-the-world commercial technologies to accelerate tech into the hands of Soldiers. We use business practices that make Army opportunities attractive to nontraditional companies, framing problems so industry experts can apply true innovation, and building stakeholder teams into communities of purpose around developing solutions that solve problems and transitioning those solutions.

### Army Applied SBIR:

We make it easier than ever to do business with the Army, with a low barrier to entry, Army customers involved upfront, and expedited contracting. With monthly solicitations and competitive awards, we offer innovative companies R&D funds to address urgent Army technology challenges. It's a win-win — you secure non-dilutive R&D capital to build your commercialization plan, and the Army gains innovative solutions to meet our national defense priorities and transition life-saving technologies to our Soldiers.

## WHY THE PARTNERSHIP MATTERS

- + Partnership efforts between AAL and Army Applied SBIR create a higher likelihood of companies crossing the valley of death
- + Co-funding projects leads to higher potential dollar amounts for companies
- + Together, AAL and Army Applied SBIR pave more pathways for businesses to transition technologies, increasing success potential
- + Involvement from both AAL and Army Applied SBIR leads to increased investment in solution generation and, thus, deeper buy-in for companies with solutions
- + Combining AAL and Army Applied SBIR's solver networks gives us access to more businesses looking to develop solutions for the Army's toughest problems

## WHAT MAKES US DIFFERENT?

1. Topics released are tied to the Army's critical needs and other focused modernization efforts
2. Faster contracting and award speeds. We get funding to companies faster than ever before
3. Potential for millions in total value follow-on contracts to build a concept or prototype related to the specific problem
4. Acquisition teams included from the start with the goal of easing transition and building new tech into recurring Army budgets
5. Potential for future high-value contracts via SBIR, other government funds, and private investment you secure

### 3 PHASES OF SBIR



Phase I begins with a concept demonstration to Army stakeholders. The viability of R&D efforts is reviewed to determine the company's success potential prior to granting funding.



In Phase II, companies are selected for a period of performance to advance their technology with higher federal funding and, on certain projects, matched funds from private investment.



In Phase III, companies have the opportunity to access higher-value contracts to further develop their technology with the goal of transitioning to an Army program of record.

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