



REPLY TO  
ATTENTION OF

## DEPARTMENT OF THE ARMY

Mobile District, CORPS OF ENGINEERS  
7 SFG Resident Office  
15 Tenth Avenue  
Shalimar, FL 32579

May 28, 2010

RFP-0004

Subject: Contract No. W91278-10-C-0026, Delivery Order No. NA  
7th Special Forces Complex Phase 3, Eglin  
Eglin AFB, FL  
"RFP"

Hensel Phelps Construction Co.  
6557 Hazeltine National Drive, Suite 1  
Orlando, Florida 32822  
USA

Gentlemen:

In accordance with the Contract Clause, "Changes", we request a proposal to perform the following work. This pending change will be referenced as GS005, "Baffle Range Sound Attenuation".

The scope of work is shown on the enclosed Request for Proposal (RFP) form. It is requested that your proposal be submitted to this office no later than June 11, 2010.

Your proposal must contain a complete itemized breakdown in sufficient detail to permit an analysis of all material, labor, equipment, subcontract, overhead costs (including extended overhead costs), and profit as required by DFARS 252.236-7000, "Modification Proposals-Price Breakdown." It shall cover all work involved with the modification, whether such work is deleted, added, or changed, and shall include the effects of the changes on unchanged work (impact) if any.

This is not a Notice to Proceed, do not start work under this proposed change until you receive a signed modification by the Contracting Officer or a directive to proceed.

Please return the signed original and two copies with the requested information completed. If you have any further questions or concerns please contact the undersigned at (850) 609-0111.

Sincerely,

Jeremiah J. Walker  
Authorized Representative  
of the Contracting Officer

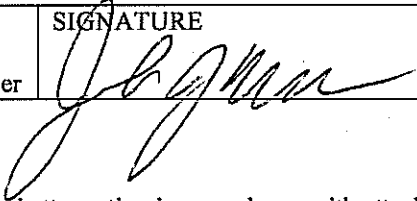
Enclosure



# REQUEST FOR PROPOSAL (RFP)

<b>ISSUING OFFICE</b>		<b>CONTRACTOR NAME AND ADDRESS</b>	
7 SFG Resident Office 15 Tenth Avenue Shalimar, FL 32579		Hensel Phelps Construction Co. 6557 Hazeltine National Drive, Suite 1 Orlando, Florida 32822 USA	
<b>PROJECT DESCRIPTION AND LOCATION</b>		<b>CONTRACT NO. / DELV. ORDER NUMBER</b>	
7th Special Forces Complex Phase 3, Egli Eglin AFB, FL		W91278-10-C-0026 NA	
<b>CHANGE REQUEST NUMBER AND TITLE</b>			
GS005 Baffle Range Sound Attenuation			

A proposal is requested for making the described change in accordance with specification and drawing revisions cited herein. Submit your proposal no later than June 11, 2010, in space indicated below and attach additional sheets reflecting detailed breakdown of prime and subcontract costs. DO NOT start work under this proposed change until you receive a signed modification by the Contracting Officer or a directive to proceed.

<b>TYPED NAME AND TITLE (Government)</b> Jeremiah J. Walker Authorized Representative of the Contracting Officer	<b>SIGNATURE</b> 	<b>DATE</b> May 28, 2010
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### SCOPE OF WORK

Revise design of indoor baffle range to provide sound attenuation in accordance with attached performance criteria, "Sound Attenuation System".

### CHANGES IN THE DRAWINGS

The Scope of Work shall be indicated on the affected drawings.

### CHANGES IN THE SPECIFICATIONS

None

### CONTRACTOR PROPOSAL

<b>NET INCREASE</b> \$		<b>NET DECREASE</b> \$		<b>CALENDAR DAYS INCREASE</b> _____	
CLIN NUMBER	BRIEF DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	COST INCREASE/DECREASE
034	SOF Indoor Baffle Range	1	Job	XXX	

**TOTAL NET INCREASE/DECREASE** \$

<b>TYPED NAME AND TITLE (Contractor)</b>	<b>SIGNATURE</b>	<b>DATE</b>

**WORK STATEMENT  
SOUND ATTENUATION SYSTEM  
SOF INDOOR RANGES  
VARIOUS LOCATIONS  
11 May 2010**

**1. GENERAL.**

1.1 Objective. Provide a sound attenuation system for the indoor firing range area at the SOF Indoor Range at 7 Special Forces Complex, Phase 3, Eglin AFB, W91278-10-C-0026.

**2. DESCRIPTION**

2.1 Existing Conditions. The existing facility design has resulted in unsafe conditions and unacceptable firing restrictions due to inadequate reverberation control. The weapons typically used at this range are the 7.62 sniper rifle, 5.56 M4 rifle, 45 cal handgun, 9 mm handgun, M240B machine gun, and M249 machine gun. The firing sequence includes slow fire, rapid fire, and full automatic fire.

2.2 The Contractor shall provide a sound attenuation system that meets the following requirements. Installed system shall be capable of meeting the performance specifications listed below when the range is at peak operation, with all lanes in use. Installed system shall not interfere with operation and maintenance of the bullet trap, ballistic components, or ventilation system of the range.

**2.3 Performance Specifications**

2.3.1. The performance specifications shall be met at any possible firing point within the range. Shooters will move both transversely and laterally within the range.

2.3.2. The installed system shall provide a Noise Reduction Coefficient (NRC) of 0.85 or better throughout the range area.

2.3.3. The installed system shall provide an RT60 of 1.3 seconds or less at all firing positions in the range, in all octave bands from 125 to 8000 Hz.

2.3.4. The Contractor shall provide a written guarantee of compliance with both the NRC and RT60 requirements.

2.3.5. The installed system shall maintain the required acoustical performance without degradation of the acoustical integrity due to bullet splash back.

2.3.6. The Contractor shall provide testing of the installed system as verification that the system meets the performance requirements. The Contractor shall submit a testing plan to be approved by the Government prior to system testing. The testing plan shall include the experience and qualifications of personnel performing the test and analyzing the results. The Government will provide all weaponry support required for testing of the system. The test agency shall provide documentation with recommended firing operations restrictions for each weapon type under

slow, rapid, and automatic firing conditions, to include recommended firing operations for suppressed weapons. The test results shall be submitted to the Government prior to acceptance of the installed system.

## 2.4 Material specifications

2.4.1. The installed system shall be waterproof, mold resistant, and durable to allow for maintenance without damaging or hindering the acoustical performance. The Contractor shall provide the Manufacturer's recommended cleaning method in accordance with the contract documents.

2.4.2. The installed system shall be listed by Underwriters Laboratories as Non-Combustible. Flame spread shall not be greater than 10 in accordance with ASTM E 84. Smoke developed shall not be greater than 10 in accordance with ASTM E 84.

2.4.3. The installed system shall be uniform without dimensional deviations, include no projections from bolt, and rivet heads, exposed edges, or other uneven surfaces to reduce potential ricochets.

2.4.4. The Contractor shall provide a 5 year replacement warranty for the installed system which shall be approved by the Government prior to acceptance of the proposed system.

## 2.5 Other Requirements

2.5.1. The Contractor shall provide all design and construction data, to include material specifications and installation method, for review and approval by the Government prior to acceptance of the proposed system.

2.5.2. The Contractor shall provide all necessary information to the designer of record for structural evaluation of the proposed system. Contractor shall provide all materials required for proper installation of the sound attenuation system.

2.5.3. The Contractor shall provide the User with three copies of an Operations and Maintenance manual for the sound attenuation system.