



UNITED STATES MARINE CORPS
MARINE CORPS SYSTEMS COMMAND
2200 LESTER STREET
QUANTICO, VIRGINIA 22134-6030

IN REPLY REFER TO

4200

CT 023: 1,219

2 July 2007

Mr. John Lichtsinn
Armorworks, Inc.
7306 South Harl Avenue
Tempe, AZ 85283

Subj: First Article Tests for Enhanced Secondary Small Arms Protective Insert (S-SAPI) Model MSP0055-MP2S1 under Contracts M67854-06-D-3071/3072

Ref: FAR 52.209-4 First Article Approval -Government Testing- Alternate I

Dear Mr. Lichtsinn:

First Article Test (FAT) units for the 2.3 lb Morgan model MSP0055-MP2S1, submitted to H.P. White Laboratories, Inc. for contractor sponsored testing are hereby approved.

Approval is based on an analysis of FAT test data provided to the Government, report number HPWLI 10496-78A, and the recommendation of the Project Engineer. This model uses a silicon carbide tile, and is based on a design which was originally subject to First Article Testing in December (ref: report number HPWLI 10329-22A), passed requirements, and was authorized for production on 11 January 2007 (ref: CT 023: 543).

The tile supplier has conducted a series of in-house research and development studies on their "Omega II" shape forming process used in the forming of the green bodies for tile processing. This new forming process is an effort to improve the consistency of the shape and dimensional tolerances of the ceramic tile. Based on the FAT results for the MSP0055-MP2S1 model, which represent the green form tooling revision to the tile forming process, this design has the capability to meet the performance requirements for Enhanced S-SAPI set forth in CO/PD 06-20 under the subject contracts.

Production is hereby authorized. All production quantities submitted shall be produced using the same procedures that resulted in the manufacture of an acceptable first article as referenced above; this includes the same raw material and component parts. Approval of the first article does not relieve you from meeting all requirements of the contract and the performance specification.

ArmorWorks
Proprietary

Please address any questions or concerns that you have regarding this letter to Lisandra Torres,
Contract Specialist, at 703-432-3265.

Sincerely,



DORINNE RIVOAL
Contracting Officer

Armed
Proprietor