PORT OF LOS ANGELES SECURITY ENHANCEMENT PLAN

Implementation Agreement & Statement of Work

Document No.: POLA-SEC-2023-142

Effective Date: January 15, 2024

1. PARTIES

This Port of Los Angeles Security Enhancement Plan ("Agreement") is entered into by and between:

DeepShield Systems, Inc., a Delaware corporation with its principal place of business at 2100 Marina Way, Suite 400, San Francisco, CA 94123 ("Contractor" or "DeepShield")

and

The City of Los Angeles Harbor Department, a municipal corporation operating the Port of Los Angeles ("POLA" or "Port Authority")

2. RECITALS

WHEREAS, the Port Authority seeks to enhance maritime cybersecurity infrastructure protection through implementation of advanced threat detection and response capabilities;

WHEREAS, DeepShield Systems possesses proprietary technology and expertise in industrial control system security and maritime infrastructure protection;

WHEREAS, the parties desire to implement comprehensive security enhancements at specified Port facilities;

NOW, THEREFORE, the parties agree as follows:

3. SCOPE OF SERVICES

1 **System Implementation**

Contractor shall implement the DeepShield Maritime Protection Platform(TM) across designated Port facilities, including:

- Terminal automation systems
- Cargo handling equipment networks

- Access control infrastructure

- SCADA systems

- Maritime operations networks

- Vessel traffic management systems

2 **Security Components**

The security enhancement implementation shall include:

a) Network monitoring sensors

b) AI-driven threat detection engines

c) Real-time analytics platform

d) Incident response automation

e) Maritime-specific security modules

f) Integration with existing Port systems

4. IMPLEMENTATION PHASES

1 **Phase I: Assessment & Design** (Months 1-2)

- Security architecture review

- Network topology mapping

- Vulnerability assessment

- System integration planning

- Implementation roadmap development

2 **Phase II: Core Implementation** (Months 3-5)

- Sensor deployment

- Platform installation

- Basic monitoring activation

- Initial system testing

- Staff training initiation

3 **Phase III: Advanced Features** (Months 6-8)

- AI engine deployment

- Automated response configuration

- Advanced analytics implementation

- Integration completion

- Performance optimization

5. DELIVERABLES

1 **Documentation**

- Detailed implementation plan

- System architecture diagrams

- Integration specifications

- Testing procedures

- Training materials

- Maintenance protocols

2 **Technical Components**

- Hardware installations

- Software deployments

- Network configurations

- Security policies

- Monitoring dashboards

- Response playbooks

6. PERFORMANCE STANDARDS

1 **System Performance**

- 99.99% system uptime

- <5ms threat detection latency

- <30s average response time

- Zero false positive tolerance for critical alerts

- 100% audit logging coverage

2 **Compliance Requirements**

- MTSA regulations

- ISPS Code standards

- NIST Cybersecurity Framework
- Maritime cybersecurity guidelines
- Port Authority security policies

7. CONFIDENTIALITY & SECURITY

1 All information related to Port security infrastructure shall be treated as Critical Infrastructure Information under 6 U.S.C. 671 et seq.

2 Contractor shall maintain strict confidentiality of all Port security details, system configurations, and vulnerability information.

8. WARRANTIES & REPRESENTATIONS

1 Contractor warrants that all implemented systems will perform according to specifications for 24 months following final acceptance.

2 Contractor represents that all personnel assigned to the project will maintain appropriate security clearances and certifications.

9. TERM & TERMINATION

1 This Agreement shall commence on the Effective Date and continue for 36 months unless terminated earlier per Section 9.2.

2 Port Authority may terminate for convenience with 90 days' notice or for cause with 30 days' notice and opportunity to cure.

10. EXECUTION

IN WITNESS WHEREOF, the parties have executed this Agreement as of the Effective Date.

DEEPSHIELD SYSTEMS, INC.

By:

Name: Dr. Marcus Chen

Title: Chief Executive Officer

Date:

THE CITY OF LOS ANGELES HARBOR DEPARTMENT

By:

Name: [Port Authority Signatory]

Title: Executive Director

Date: