Statement of Work (SOW)

Caterpillar Non-Line of Sight (NLOS) Remote Operations Kit

1.0 SCOPE

This document outlines the technical specifications for one (1) Commercial Off-the-Shelf Non-Line of Sight (NLOS) remote operations kit. The NLOS kit shall be designed for mounting on a CAT 299D3 tracked vehicle and must be capable of operating in a field environment under all-weather conditions typical of Aberdeen Proving Ground, MD.

2.0 REQUIREMENTS

The scope of this requirement is to convert a *manually* operated skid steer loader into a *remotely* operated unit for use at the Aberdeen Test Center. The contractor shall provide and install one (1) complete Caterpillar Command NLOS Remote Operations Kit, that will allow for the full remote operation of the CAT 299D3 (Serial # LB301509) from a caterpillar command unit.

Description of Items Required:

Item/Kit Description	Qty
Vision Kit (P/N 604-3425)	1
Vision Kit (P/N 617-8508)	1
Wi-Fi Kit (P/N 638-5489)	1
Mobile Mark LTM Dome Antenna (P/N 615-7741)	1
CISCO IW3702 CPU	1
Axiomatic Power Converter (P/N 603-6623)	1
Installation	1
Training Session	1

2.1 Documentation

The contractor shall supply the following documents with the system:

- CDRL A001: A complete set of Operator's Manuals for all components.

- CDRL A002: Certificates of Warranty for all Original Equipment Manufacturer (OEM) equipment.

2.2 Services

- **2.2.1** Installation: The contractor shall perform a complete installation of the NLOS kit on one (1) government-furnished CAT 299D3 Skid Steer Loader.
- **2.2.2** Training: The contractor shall provide one operator training session for up to three personnel.

3.0 QUALITY ASSURANCE AND WARRANTY

All components provided shall be covered by a full one-year (12-month) commercial manufacturer's warranty. The warranty period shall begin upon final acceptance of the system by the government.

4.0 DELIVERY

4.1 Delivery Date: Delivery and installation shall be completed no later than 30 September 2026.

4.2 Delivery Address:
US Army Aberdeen Test Center
Attn: Benjamin Gallardy
6850 Lanyard Rd.
Bldg. 358
Aberdeen Proving Ground, MD 21005

4.3 Government Point of Contact:

- Name: Mr. Benjamin C. Gallardy
- Email: benjamin.c.gallardy.civ@army.mil
- Telephone: (410) 278-5603