STATEMENT OF WORK (SOW)

Institute/Center (IC): National Cancer Institute (NCI)

Branch/Lab: Thoracic and GI Malignancies Branch, CCR, NCI

Project Title: Procurement of Multi-Mode Microplate Reader

1. Background

The Thoracic and GI Malignancies Branch conducts biomedical research requiring quantitative assay capabilities. A multi-mode microplate reader is essential for absorbance, fluorescence, and luminescence-based assays to support ongoing and future studies.

2. Objective

To procure a multi-mode microplate reader system with associated software capable of supporting high-quality, reproducible assay data acquisition and analysis.

3. Scope of Work

The Contractor shall provide all equipment, software, installation, training, and support necessary for a fully operational system.

- One (1) SpectraMax M3 Microplate Reader or equivalent

- Latest SoftMax Pro software license

- Installation and operational verification

- User training

- Warranty and service agreement options

4. Technical Requirements

- Absorbance detection (200–1000 nm)

- Fluorescence intensity detection

- Luminescence detection

- Monochromator-based wavelength selection

- Temperature control and plate shaking

- Kinetic and endpoint read capability

- Software with advanced analysis and 21 CFR Part 11 capability (if applicable)

5. Deliverables

- Installed and fully functional instrument
- Software installation and licensing
- Training materials and documentation
- Warranty/service documentation

6. Period of Performance

Delivery and installation within 4–8 weeks after award.

7. Place of Performance

NIH facilities – Thoracic and GI Malignancies Branch, CCR, NCI.

8. Acceptance Criteria

Acceptance will be based on successful installation, calibration, and demonstration that the system meets all technical requirements.