DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION (FHWA)
WESTERN FEDERAL LANDS HIGHWAY DIVISION (WFLHD)

Below SAT Brand Name

Solicitation Number 69056726Q000026

Cyclone 3DR and Cyclone Register Plus (BLK edition)

1. Contracting agency

FHWA-WFLHD, 610 East Fifth Street, Vancouver, WA 98661-3801.

2. Description of supplies required to meet agency need

FHWA-WFLHD requires Cyclone 3DR and Cyclone Register Plus (BLK edition). The total estimated amount of this action is $37,155.00.

3. Rationale

WFLHD uses Leica brand survey equipment for both the survey and construction groups and Leica brand software to process survey field data. Introduction of a new brand of equipment or software would potentially result in the requirement for conversion of data to "generic" format data files. In many instances, conversion has led to subtle differences or "dumbing down" of the data files which means a loss of point description information or descriptive attributes, and, at a minimum, the conversion of data is a "work around" or alternative process that takes additional time and quality assurance routines to ensure an acceptable product.

Additionally, the Leica BLK2GO system is the only one market research revealed as having the following minimum required capabilities:

- Ease of use by non-survey staff
- Handheld
- Mobile
- LiDAR (not photogrammetry) based
- Colorized point cloud output
- Small enough to fit in standard airline overhead compartment

The Cyclone Register 360 plus black edition software is required to process the raw data from the BLK2GO system. The output is a colorized point cloud. The Cyclone 3DR pro software is required to extract design deliverables from the point cloud. Both software. The material or service must be compatible in all aspects (form, fit, and function) with existing systems presently installed. The current equipment is <BLK handheld Lidar System>, and the new item/service must coordinate, connect, or interface with the existing system"

4. Authority

The authority to enter a contract for this effort with restricted competition is. 41 U.S.C. 1901 under FAR 12.201-1, Simplified procedures.

CERTIFICATIONS AND APPROVAL

Technical/Requirements Certification. I certify that the facts and representations under my cognizance which are included in this justification and its supporting acquisition planning documents, except as noted herein are complete and accurate to the best of my knowledge and belief. Additionally, I certify that the above information and the technical evidence supporting this justification are complete and accurate.

THATCHER FRANK SMITH Digitally signed by THATCHER FRANK SMITH Date: 2026.07.16 14:24:36 -07'00'

Thatcher Smith, Civil Engineer

7/16/26

Date

Contracting Officer Certification. I certify that this justification is accurate and complete to the best of my knowledge and belief and represents the best value and lowest overall cost alternative to meet the Government's needs. Since this effort does not exceed the Simplified Acquisition Threshold, this certification serves as approval.

Digitally signed by DOUGLAS GENE TAYLOR Date: 2026.07.16 15:09:33 -07'00'

Douglas Taylor, Contracting Officer

Date