Dewberry Engineers Inc.
2610 Wycliff Road, Suite 410
Raleigh, NC 27607-3073
919.881.9939
919.881.9923 fax
www.dewberry.com

AMEND-000223-2024
4450 DEAN LAKES BLVD, SHAKOPEE, MN 55379
PARCEL ID: 274290020

Project Narrative /Application Statement

Dewberry Engineers Inc., as agent for applicant Space Explorations Technology, Inc, seeks to amend the Planned Unit Development (PUD) Overlay District No. 24 to allow the construction of an approximate 95 ft x 193 ft fenced compound to house 40 ground-based satellite antennas on Lot 2, Block 1, Dean Lakes 9th Addition.

The following is a description of the proposed activity/activities:

- Installation of an outdoor fenced compound, dimensions of 95.2 ft by 193.6 ft within a secured-access data center site. The compound will be gravel filled and will contain 40 proposed ground-based satellite antennas. It will be accessed by a 15 ft wide gravel access drive. Power and fiber connection will be pulled from the existing data center on site. An H-frame will be located inside the compound housing the manual transfer switch.
- The completed facility will support Starlink, a constellation of low Earth-orbit satellites facilitating broadband internet service for underserved communities and remote areas including agricultural lands, utility sites, and public lands and outdoor recreation spaces where access to high-speed internet may be limited or non-existent, and will require the install of new electrical service; site preparation, earthwork, and landscaping/ hardscaping for approved surface improvements and stormwater management; and installation of required signage, the H- frame, and the perimeter fence.
- The individual factory-mounted antennas to be located within the fenced area will be delivered and installed on a pre-fab concrete pad and positioned for exclusively-skyward transmission within an enclosed white fiberglass housing called a *radome*. Although the completed facility will be inaccessible to the public and surrounded on all sides by the secured data center property, signs notifying passersby of the presence of radio frequency will be installed on each side of the perimeter fence in accordance with national guidelines.

Supporting Documents
All exhibits and forms referenced and attached hereto are submitted in connection with and in support of the Applicant's Application.

Additional Information.
Correspondences and requests for additional information regarding this Application should be addressed to:
Dewberry-Telecommunications Market Segment
Attn: Lena Strauss
2610 Wycliff Road, Suite 410
Raleigh, NC 27607-3073
Phone: 1 973-434-7209
Email: LStrauss@Dewberry.com

Dewberry

Dewberry Engineers Inc.
2610 Wycliff Road, Suite 410
Raleigh, NC 27607-3073

919.881.9939
919.881.9923 fax
www.dewberry.com

Certification and Reliance

The Applicant acknowledges by the signature of its agent below that all representations made by the Applicant and its agent herein, to the City and its staff, on the record, during the application process, whether in written and or verbal form, shall be deemed a part of the application and may be relied upon in good faith by the City of Shakopee.

Respectfully Submitted,



Lena Strauss
For the Applicants
Dewberry-Telecommunications Market Segment
2610 Wycliff Road, Suite 410
Raleigh, NC 27607-3073
Phone: 1 973-434-7209
Email: LStrauss@Dewberry.com