

Specification Requirement	Does Respondent meet this hardware requirement? Please answer with a "Yes" or "No". Any "No" response or deviation to these specifications must be clearly listed in the column below. Please answer "Yes" or "No" and provide specifications where applicable.
GNSS Receiver	
Does the product have a minimum of 4 GB internal memory? Please list the specifications of how much internal memory the product has.	
Does the product have an SD and SIM card slot? Please list the specifications.	
Does the product have a Serial port, USB port, TCP/IP, NTRIP, and Bluetooth capability? Please list the specifications.	
Does the product have a Tilt compensator with automatic level correction for a survey pole tilted up to 30° from the zenith axis? Please list the specifications.	
Does the product have an antenna/receiver that mounts on a standard surveying tripod that has a five-eighths (5/8) inch by eleven (11) threads per inch instrument fastener? Please list the specifications.	
Does the product come with a carrying case? Please list the specifications of the case.	
Does the product meet or exceed IP67 dust and water protection? Please list the specifications.	
Does the product meet or exceed MIL-STD-810G environmental standards? Please list the specifications.	
Does the product have at least a 10-hour hot-swappable battery life? Please list the hot swappable battery life specifications.	
Is the product's accuracy at least (1 RMS): RTK (8 mm+ 1 ppm), static (2.5 mm + 1 ppm)? Please list the accuracy specifications.	
Is the product field configurable as an RTK base or rover? Please list the specifications.	
Does the product weigh less than 3 pounds with a battery? Please list the product weight with a battery.	
Does the product have a minimum of four hundred fifty-two (452) channels? Please list the specifications.	
Does the product have Multi-Frequency GNSS tracking? Please list the specifications.	
Does the product have web user interface? Please list the specifications.	
Does the product have an internal antenna? Please list the specifications.	

Does the product have an internal UHF radio for transmitting and receiving data? Please list the specifications.	
Does the product support RTCM 3.2 and CMR+?	
Does the product have the ability to track and fully utilize GPS, GLONASS, Beidou, Galileo, QZSS, SBAS and IRNSS signals? Please list the specifications.	
Does the product have the ability to function as a network rover and connect the State CORS network? Please list the specifications.	
Does the product have the ability to broadcast and receive corrections and functions as an NTRIP server utilizing a cellular modem internet connection? Please list the specifications.	
Does the product have non-proprietary connectivity with the ability to communicate via Bluetooth and cable with the existing State data collectors listed in section 1.2. of the RFP?	
Does the product have the ability to communicate with and be controlled by the most current version of the Carlson SurvPC software? Please list the specifications.	
Does the product have the ability to utilize SureFix, verified fix, or double fix technology to ensure fixed GNSS solutions with a minimum two (2)-sigma ninety-five percent (95%) confidence level? Please list the specifications.	
Rover Accessory Kit	
Does the product have a receiver battery charger cradle with at least a two (2) battery capacity? Please list the specifications.	
Does the product have a one (1)-piece carbon fiber three (3) position Snap-Lock two (2) meter rover rod?	
Does the product have a receiver to Carlson RT4 Data Collector/PC Serial Cable? Please list the cable specifications.	
Does the product have a receiver to Carlson RT4 Data Collector/PC USB Cable? Please list the cable specifications.	
Does the product have a carbon fiber thumb release bipod? Please list the specifications.	
Does the product come with two (2) receiver batteries? Please list the specifications.	
Base Accessory Kit	
Does the product have a Telescoping Tripod, 2m Fixed Height with Bag? Please list the specifications.	
Does the product have a receiver to external battery cable that is ten-foot (10') minimum in length? Please list the cable specifications.	
Accessory Requirements	
Has the Contractor provided a means of measuring from a survey ground point to the antenna phase center and the antenna reference point (ARP)?	

Does your product have fixed-height tripods/bipods and standard antenna calibrations for accurate methods of measurement?	
Does the receiver case have a rigid exterior that is water and dust resistant as well as form-fitting to the GNSS receiver to secure all contents during transportation? Please list the specifications.	