

Technical specification for RTK Positioning System

Sr . No .	Specification
2.	<p>Technical Specification: A real time kinetic (RTK) positioning system with a dedicated base station for centimeter or sub-centimeter accuracy</p> <ul style="list-style-type: none"> ● Position accuracy <2cm ● Update rate 10 Hz. ● Convergence time <10 s ● UART Support ● Integrated multi band RTK technology (L1, L2, L1C/A, L2C, L1OF, L2OF) ● Support GAGAN SBAS (satellite based augmentation system) in India ● Preferable if ROS (Robot Operating System) support is included
	<p>Warranty: Standard warranty for 3 year and extended warranty as optional for 2 additional years</p>
	<p>Operating Manual:</p> <ul style="list-style-type: none"> ● Both electronic and hard copy ● The documentation/manual shall include all drawings, schematics, spare parts, catalogues and sub-vendor's manuals
	<p>Installation:</p> <ul style="list-style-type: none"> ● The system shall be installed/commissioned at the customer site. The quotation shall be inclusive of all charges, if any, for installation and commissioning of the equipment by the vendor. ● Extensive operation and maintenance training for two persons for one week at the customer site during and after the installation should be included. ● The system shall conform to Indian power supply standards, i.e. 230 V + or - 5 %, 50 Hz, Single Phase ● Vendor needs to confirm the suitability of the system offered to be able to upgrade this facilities on-site ● Vendor needs to provide user references where such upgrades have been carried out on-site.
	<p>Eligibility Criteria:</p> <ul style="list-style-type: none"> ● Vendor shall provide a list of at least 2 customers (India and abroad) of similar systems along with email addresses, where similar systems have already been installed as a part of the technical bid. ● An authorized service center in India should be available, functioning for minimum of 2 years to provide repair, maintenance, calibration and upgradation facility ● OEM can bid directly or an authorized agency of OEM can also submit the bid. ● The bidder should also quote for AMC.

