

BIL/ No	KETERANGAN BARANG DAN PERKHIDMATAN/ <i>Description of Items and Services</i>	BANYAK/ Quantity	HARGA SEUNIT/ Price Per Unit	JUMLAH/ Total
	TO SUPPLY, DELIVERY, INSTALL, COMMISSIONING AND TESTING ALLOY GNSS RECEIVER WITH ZEPHYR 3 GEODETIC ANTENNA; GEODETIC SECTION, JABATAN UKUR			
1.	To supply, deliver, install, commission and testing of Alloy GNSS Receiver and Zephyr 3 Geodetic Antenna with the following features: - • RTX worldwide corrections • Advanced dual Maxwell 7 GNSS chipset provide 672 channels for simultaneous satellite tracking and anti-spoofing capabilities • GNSS positioning engine. Engineered for improved accuracy and productivity in challenging GNSS conditions. • Multipath signal rejection • 360 receiver technology • High-precision multiple correlator for GNSS pseudorange measurements • Spectrum Analyzer to troubleshoot GNSS jamming • Unfiltered, unsmoothed pseudorange measurements data for low noise, low multipath error, low-time domain correlation and high dynamic response, • fully future-proof signal tracking of current GNSS systems: ○ GPS: L1C, L1 C/A, L2E (L2P), L2C, L5 ○ GLONASS: L1 C/A2 and unencrypted P code, L2 C/A and unencrypted P code, L3 CDMA ○ Galileo: E1, E5A, E5B and E5AltBOC, E6 ○ BeiDou: B1, B2, B3, B1C, B2A, B2B ○ QZSS: L1 C/A, L1C, L1S, L2C, L5, LEX/L63 ○ IRNSS: L5, S-Band ○ SBAS: L1 C/A (EGNOS/MSAS GAGAN/SDCM), L1 C/A and L5 (WAAS)	1 LOT		

	○ L-Band: Trimble RTX • Accessories Must include: - ○ Single receiver transport case ○ 30M antenna cable ○ Polyphaser Surge Protector ○ LMR400 pins cable N-Tnc			
2.	Add on Accessories for spare part: - • Base Kit for Alloys - External Battery	1 LOT		
3.	The Installation, commissioning and testing will be located at CORS LABI shall include: - a) physical installation and cable management at CORS LABI, POST OFFICE LABI, KAMPUNG TERUNAN, DAERAH BELAIT; b) receiver configuration for continuous RINEX logging at required epoch rate; c) verification of tracking performance across all specified constellations simultaneously; d) minimum 24-hour continuous observation test with RINEX output verified; issuance of a signed USER ACCEPTANCE TEST [UAT] Report documenting receiver serial number, observed constellations, tracking performance, and signatures of supplier and Survey Department representative. **Note** i. Supplier to provide minimum 12-month warranty on all hardware from date of signed UAT. ii. Warranty to cover all hardware faults under normal operating conditions. iii. Supplier to provide response time commitment for warranty claims (acknowledgement within 2 working days; replacement or confirmed repair timeline within 7 working days).	1 LOT		



LMR400 pins cable N-Tnc



Polyphaser Surge Protector