

BIL/ No	KETERANGAN BARANG DAN PERKHIDMATAN/ <i>Description of Items and Services</i>	BANYAK/ <i>Quantity</i>	HARGA SEUNIT/ <i>Price Per Unit</i>	JUMLAH/ <i>Total</i>
	TO SUPPLY, DELIVERY, INSTALL, COMMISSIONING AND TESTING ALLOY GNSS RECEIVER WITH ZEPHYR 3 GEODETIC ANTENNA; GEODETIC SECTION, JABATAN UKUR			
1.	<p>To supply, deliver, install, commission and testing of <b>Alloy GNSS Receiver and Zephyr 3 Geodetic Antenna</b> with the following features: -</p> <ul style="list-style-type: none"> <li>• RTX worldwide corrections</li> <li>• Advanced dual Maxwell 7 GNSS chipset provide 672 channels for simultaneous satellite tracking and anti-spoofing capabilities</li> <li>• GNSS positioning engine. Engineered for improved accuracy and productivity in challenging GNSS conditions.</li> <li>• Multipath signal rejection</li> <li>• 360 receiver technology</li> <li>• High-precision multiple correlator for GNSS pseudorange measurements</li> <li>• Spectrum Analyzer to troubleshoot GNSS jamming</li> <li>• Unfiltered, unsmoothed pseudorange measurements data for low noise, low multipath error, low-time domain correlation and high dynamic response,</li> <li>• fully future-proof signal tracking of current GNSS systems: <ul style="list-style-type: none"> <li>○ GPS: L1C, L1 C/A, L2E (L2P), L2C, L5</li> <li>○ GLONASS: L1 C/A2 and unencrypted P code, L2 C/A and unencrypted P code, L3 CDMA</li> <li>○ Galileo: E1, E5A, E5B and E5AltBOC, E6</li> <li>○ BeiDou: B1, B2, B3, B1C, B2A, B2B</li> <li>○ QZSS: L1 C/A, L1C, L1S, L2C, L5, LEX/L63</li> <li>○ IRNSS: L5, S-Band</li> <li>○ SBAS: L1 C/A (EGNOS/MSAS GAGAN/SDCM), L1 C/A and L5 (WAAS)</li> </ul> </li> </ul>	1 LOT		

	<ul style="list-style-type: none"> <li>○ L-Band: Trimble RTX</li> <li>• Accessories Must include: - <ul style="list-style-type: none"> <li>○ Single receiver transport case</li> <li>○ 15M antenna cable</li> </ul> </li> </ul>			
2.	Add on Accessories for spare part: - <ul style="list-style-type: none"> <li>• Base Kit for Alloys - External Battery</li> </ul>	1 LOT		
3.	<p>The Installation, commissioning and testing will be located at CORS UKUR[HQ] shall include: -</p> <ul style="list-style-type: none"> <li>a) physical installation and cable management at <b>CORS UKUR, LEVEL 5, JABATAN UKUR, KEMENTERIAN PEMBANGUNAN;</b></li> <li>b) receiver configuration for continuous RINEX logging at required epoch rate;</li> <li>c) verification of tracking performance across all specified constellations simultaneously;</li> <li>d) minimum 24-hour continuous observation test with RINEX output verified;</li> </ul> <p>issuance of a signed USER ACCEPTTEENCE TEST [UAT] Report documenting receiver serial number, observed constellations, tracking performance, and signatures of supplier and Survey Department representative.</p>	1 LOT		
	<p><b>**Note**</b></p> <ul style="list-style-type: none"> <li>i. Supplier to provide minimum 12-month warranty on all hardware from date of signed UAT.</li> <li>ii. Warranty to cover all hardware faults under normal operating conditions.</li> <li>iii. Supplier to provide response time commitment for warranty claims (acknowledgement within 2 working days; replacement or confirmed repair timeline within 7 working days).</li> </ul>			