

**BIL. SEBUTHARGA/QUOTATION REF.: UBD/Q/264/2021- [G]  
(FOS)**

**TITLES: TO SUPPLY, DELIVER, INSTALL, COMMISSION AND TEST OF UAV: DJI M3000  
RTK PACKAGE TO GEOSCIENCE DEPARTMENT, FACULTY OF SCIENCE, UNIVERSITY  
BRUNEI DARUSSALAM.**

No.	Quantity	SPECIFICATION
1	1 unit	<p><b>UAV : DJI M300 RTK Package</b></p> <ul style="list-style-type: none"> <li>• Aircraft Body</li> <li>• DJI Smart Controller Enterprise</li> <li>• Vision System</li> <li>• Infrared ToF Sensing System</li> <li>• TB60 Intelligent Flight Battery OR Equivalent</li> <li>• WB37 Intelligent Battery OR Equivalent</li> <li>• FPV Camera</li> <li>• USB Charger &amp; USB-C Cable</li> <li>• Carrying Case</li> <li>• BS60 Intelligent Battery Station OR Equivalent</li> <li>• Top &amp; Bottom Auxiliary Light</li> <li>• Additional 3 sets of battery</li> </ul> <p><b>Multi-Sensor : Zenmuse H20</b></p> <ul style="list-style-type: none"> <li>• 20 MP Zoom Camera</li> <li>• 12 MP Wide Camera</li> <li>• 1200 m LRF</li> </ul> <p><b>Multi-spectral Sensor : MicaSense RedEdge-MX</b></p> <ul style="list-style-type: none"> <li>• Captures five narrow spectral bands</li> <li>• RGB data with 6.94cm/px @100m altitude</li> <li>• Multispectral data for vegetation analysis</li> <li>• 1 flight =&gt; orthophoto (5 bands) &amp; DEM &amp; point cloud</li> <li>• Various indices for plant stress and health analysis</li> </ul>
2	1 Lot	<p><b>Photogrammetry Software : Agisoft Metashape</b></p> <ul style="list-style-type: none"> <li>• Floating license (x2 of Standalone Pricing)</li> <li>• Local or cloud Processing</li> <li>• Satellite Imagery Support</li> <li>• Mission Planning for Complex Sites</li> <li>• Output - Photogrammetric triangulation, Dense point cloud, DSM/DTM, Georeferenced orthomosaic generation, Ground control points, Measurements, Stereoscopic, 3D Model, Hierarchical tiled model, 4D odeling for dynamic scenes, Panorama stitching, Multispectral imagery, Satellite Imagery and Python and JAVA API</li> </ul> <p><b>Training</b></p> <ul style="list-style-type: none"> <li>• UAV Operating, Payloads (Sensor), and Photogrammetry Processing</li> <li>• Field and Classroom Training</li> <li>• Certificate of Completion</li> </ul>