ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Supply of Agricultural Drones (Lot 2) **p 1 /…**

Publication reference: JM-H2O-SUP-15

Columns 1-2 should be completed by the contracting authority
Columns 3-4 should be completed by the tenderer
Column 5 is reserved for the evaluation committee

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee’s notes

1	**FOUR (4) UNITS** **Multispectral aerial drone** Imaging system with one 20MP RGB camera and four 5MP multispectral cameras (green, red, red edge, and near infrared). 5MP Multispectral Camera Near-infrared (NIR) 860 nm ± 26 nm Red edge (RE) 730 nm ± 16 nm Red (R) 650 nm ± 16 nm Green (G) 560 nm ± 16 nm RGB camera characteristics 4/3 CMOS - 20MP Image Sensor 1/2000s - Fastest mechanical shutter speed 0/7s - High speed burst when RGB camera is used Sunlight Sensor Built-in sunlight sensor to capture solar irradiance and record as an image file, allowing for light compensation of image data during 2D reconstruction. High NDVI results. Accurate imagery that captures every pixel for centimetre-level positioning. High-precision aerial surveying without using ground control points. **Warranty – 36 months**			

1. Item number	2. Specifications required	3. Specifications offered	4. Notes, remarks, ref to documentation	5. Evaluation committee's notes
2	**FOUR (4) UNITS** **Battery kit** 43 minutes Cruise Time 200 hectare - single flight capability to complete mapping operations over an area of 200 hectares. 100W Battery Charging Hub | High-efficiency fast charging 88W fast charging			

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3	**FOUR (4) UNITS** ArcGIS software Capture -Collect drone data using Site Scan Flight LE or any third-party drone data collection app. Download and process -After the completed flight, download drone imagery. Add ground control and automatically process to create 2D and 3D outputs. Visualize and analyze -View 2D and 3D outputs. Make measurements, track changes, and perform other analyses Drone2Map. -Perform advanced analysis. Compatible with ArcGIS Pro to use a range of tools such as advanced spatial, temporal, and spectral analysis and data management. Share -Share imagery outputs internally or with the public as feature layers, web maps, imagery layers, and more. **Unlimited subscription**			
4	Two (2) day training session for 5-8 persons			