

# Remote Sensing Services and Equipment Prequalification Scheme

## Scheme Categories

### Range of products/services

The Remote Sensing Services and Equipment (ReSSE) Prequalification Scheme offers a panel of prequalified suppliers to provide a range of remote sensing imagery and associated data processing services, to assist NSW government agencies and other authorised buyers. The categories under this scheme are:

- Remote Sensing Data Capture and Supply
- Remote Sensing Professional Services and Spatial Data Products and Services
- Remote Sensing Hardware and Software

### Schedule A – Remote Sensing Data Capture and Supply

Vendors that can capture and supply remote sensing data that defines the Earth’s above ground and below water surface, and depict height information, vegetation, floods, and other special conditions and features. Typically collected from aerial imagery, satellite imagery, or active sensors such as LiDAR and RADAR.

Code	Title	Description
<b>A1</b>	<b>Satellite Data Capture and Supply</b>	For the supply of Imagery data and elevation information that has been captured by or derived from satellite-based sensors at a range of different resolutions.
<b>A2</b>	<b>Airborne (non-RPAS) Imagery Capture and Supply</b>	For the supply of Imagery that has been captured by airborne sensors in a non-RPAS aircraft in the visible and infrared wavelengths at a range of resolutions.
<b>A3</b>	<b>Airborne (RPAS) Imagery Capture and Supply</b>	For the supply of Imagery that has been captured by RPAS in the visible and infrared wavelengths at a range of resolutions
<b>A4</b>	<b>Airborne (non-RPAS) LiDAR Data Capture and Supply</b>	For the supply of LiDAR data that has been captured by airborne LiDAR sensors in a non-RPAS aircraft at a range of different point densities.
<b>A5</b>	<b>Airborne (RPAS) LiDAR Data Capture and Supply</b>	For the supply of LiDAR data that has been captured by RPAS at a range of different point densities.
<b>A6</b>	<b>Radar Data Capture and Supply</b>	For the supply of Imagery data and elevation information that has been captured by RADAR sensors at a range of different resolutions.
<b>A7</b>	<b>Terrestrial Data Capture and Supply</b>	For the supply of Imagery and elevation information that has been captured with sensors located on the surface of the earth (includes mobile capture)
<b>A8</b>	<b>Bathymetric Data Capture and Supply</b>	For the supply of Surface depth information that has been captured by a LIDAR sensor or Sonar sensor.
<b>A9</b>	<b>Other Remotely Sensed Data Capture and Supply</b>	For the supply of Remote Sensed data that has been captured by other technologies not mentioned in Schedule A.

### Schedule B – Remote Sensing Professional Services and Spatial Data Products and Services

Vendors that can provide professional services relating to remotely sensed data including consultation, development, monitoring, data processing and other associated services as well as vendors that can supply spatial data products and services that do not fall under Schedule A

Code	Title	Description
<b>B1</b>	<b>Professional Services</b>	Professional services relating to remotely sensed data (e.g. Consulting)
<b>B2</b>	<b>Spatial Data Products and Services</b>	Supply of spatial data products and services that do not fall under Schedule A.

### Schedule C – Remote Sensing Hardware and Software

Vendors that sell equipment that captures various wavelengths across the electromagnetic spectrum, equipment that uses technology to measure the distance from the sensor to the target feature and specialist software relating to remotely sensed data.

<b>Code</b>	<b>Title</b>	<b>Description</b>
<b>C1</b>	<b>RPAS</b>	Remotely piloted aircraft systems (RPAS) fitted with a sensor to capture imagery or elevation data.
<b>C2</b>	<b>Cameras and Lenses</b>	Small format digital imaging equipment for remote sensing platforms.
<b>C3</b>	<b>Remote Sensors</b>	Specialised equipment for capturing remotely sensed data.
<b>C4</b>	<b>Surveying Equipment</b>	Surveying equipment for the purpose of positioning remote sensing data.
<b>C5</b>	<b>Remote Sensing Software</b>	Specialist software for the processing, interpretation, and classification of remotely sensed data.