

**Acquiring High Resolution Satellite Images In order to
Assess Crop Yield Cultivation for the Season of 2016**

Annex A

Terms and Conditions

I. Characteristics of the satellite images:

a) Specifications for the coverage of the given AOIs:

- Resolution: 1.5m
- Product Level: Orthorectified and mosaiced
- Cloud coverage: < 15%
- Off Nadir Angle: < 25 °
- Date: May 2016
- Spectral Bands: 4 bands (R,G,B,IR)
- RMS: better than 7m
- Bit depth: 12bits
- Projection: UTM 36N, WGS84
- Image Format: GeoTIFF
- Area: 1700Km² + 500m buffer zone
- Satellite image product used for this project must be of European or American Origin.

b) Specifications for the coverage of the whole country:

- Resolution: 5m
- Product Level: Orthorectified and mosaiced
- Cloud coverage: < 15%
- Off Nadir Angle: < 25 °
- Date: May 2016
- Spectral Bands: 5 bands (R,G,B,IR,RE)
- RMS: Max 10 m
- Bit depth: 12bits
- Projection: UTM 36N, WGS84
- Image Format: GeoTIFF
- Area: 10452Km² + 500m buffer zone
- Satellite image product used for this project must be of European or American Origin.

II. Deliverables:

- One set of raw 1.5m resolution satellite imagery

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- One set of raw 5m resolution satellite imagery
- One set of natural colors 1.5m resolution satellite imagery, orthorectified, enhanced and mosaiced in GeoTIFF format
- One set of natural colors 5m resolution satellite imagery, orthorectified, enhanced and mosaiced in GeoTIFF format
- One set of IR band 1.5m resolution satellite imagery, orthorectified, enhanced and mosaiced in GeoTIFF format
- One set of IR band 5m resolution satellite imagery, orthorectified, enhanced and mosaiced in GeoTIFF format
- One set of Red Edge band 5m resolution satellite imagery, orthorectified, enhanced and mosaiced in GeoTIFF format

III. Delivery Time:

- 3 weeks after data acquisition

IV. Qualifications:

- The consultant must have executed at least 3 satellite image coverage each of an area not less than 10500 km² in the past 5 years, certificate of completion must be provided.

V. Payment

- Full payment shall be made upon the provision of the services and verification of its compliance with the specifications

VI. Penalties

- In case the delivered images are not in conformity with the specifications defined above or in case of a delay in providing the services or in case of failure to procure the required images the contacting authority will apply a penalty amount of 20,000,000 L.L (Only twenty million Lebanese pounds)