

TERMS OF REFERENCE

Acquiring High-Resolution Satellite Images of the Zerafshon Valley

October 2022

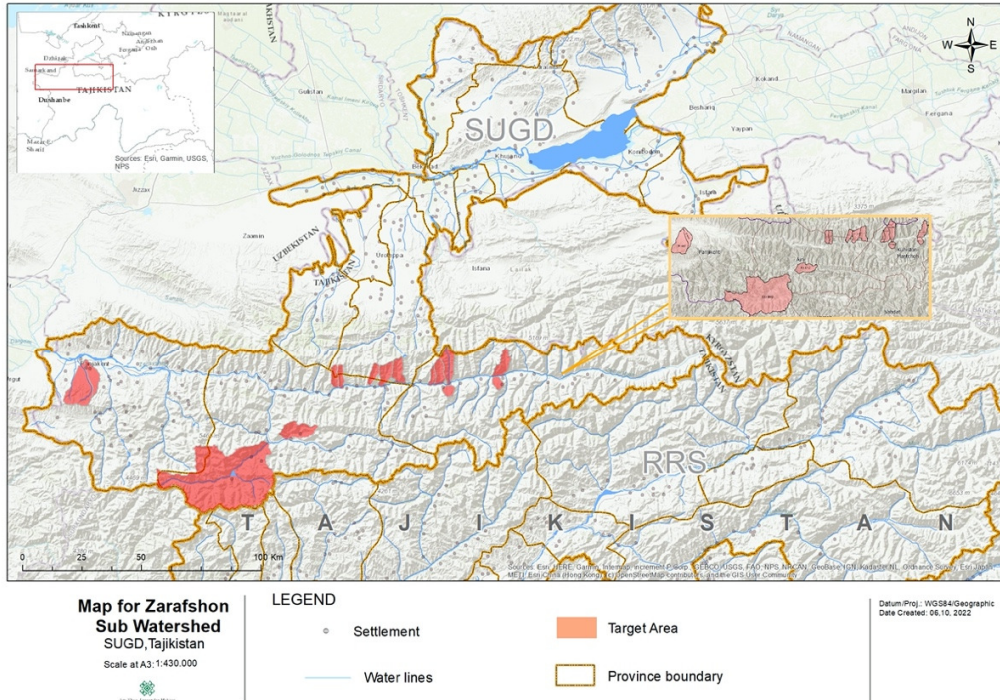
Tender: Acquisition of High-Resolution Satellite Images for the Zarafshan Valley
Organization: Aga Khan Agency for Habitat Tajikistan
Project: INVEST
Location: Tajikistan, Zarafshan Valley
Closing date: 01 November 2022

1. Context

The Aga Khan Agency for Habitat (AKAH) is an agency of the Aga Khan Development Network, which has offices in Tajikistan, Afghanistan, India, Pakistan, and Syria. AKAH’s goal is to make people’s lives safer, more sustainable, and resilient with the opportunity to thrive, regardless of the place, whether in a remote mountain village, town, or a densely populated urban center.

The INVEST project aims to contribute to the sustainable management of natural resources in 25 selected sub-watersheds of Ayni, Kuhistoni Mastrchoh, and Panjakent districts by helping to raise awareness and capacity building of the local authorities and communities to plan and manage resources in watersheds.

The Zerafshon Valley is located in the northwestern part of the Republic of Tajikistan (map1.). The area of interest is the 15 watersheds (polygons are shown in Map1.), which have a total area of 1,572.9 kilometers square.



Map1. Area of interest. Zerafshon Valley.

AKAH is looking for a satellite images provider company to deliver 1.5-meter high-resolution images (with 7 years gap between each) for the 15 watersheds the last images should be of summer 2022 (polygons in KML will be provided).

The characteristic of the satellite images is shown below.

2. Characteristics of the satellite images

- Resolution: 2 meter
- Product Level: Orthorectified and mosaiced
- Cloud coverage: < 5%
- Off Nadir Angle: < 25 °
- Date: June month, 3 different years from 2000 to 2022
- Spectral Bands: 4 bands (R,G,B,IR)
- RMS: better than 7m
- Bit depth: 12bits
- Projection: UTM 42N, WGS84
- Image Format: GeoTIFF
- Area: 1,572.9 km²

3. Qualifications

- The provider must have records of providing services in the satellite imaging market
- The provider must have executed at least satellite image coverage of an area not less than 10,000 km² in the past 5 years and the last one being of 2022.
- The provider must be certified
- The provider's awards are taken into consideration

4. Evaluation Criteria

Phase 1: Technical Evaluation

The evaluation of the technical part of the proposal will be on the basis of the service provider's responsiveness to the terms of reference, as well as the application of the evaluation criteria and points system as indicated below. Each responsive proposal will be given a technical score.

Evaluation Criteria – total 100 points

Technical Criteria	Points Allocated
Company's experience in providing similar nature services	20 %
Quality of previously provided services and data accuracy	10 %
Company's total years of experience	10 %

Adequacy of pricing per square kilometer of imagery	20 %
Company's certificates and awards	20 %
Available satellite images of the same month for different years.	20 %
TOTAL	100

1. Submission details

Applications should be sent to the email address: navruzsho.avzalshoev@akdn.org
sardor.mohiev@akdn.org, or submitted to the offices of Aga Khan Agency of Habitat at
the following address: 34 Rudaki Avenue (TCELL plaza, 10th floor), Dushanbe, Tajikistan.