



Laboratory manager / Contact person for security	Instruments	Type of analysis / activity	Description of analysis / activity	Services included	Services excluded	Cost (€)	Notes
Dr. Carlo Matzuzzi	RPAS (Mikrokopter, DJI), telescopic mast, digital camera sensor (RGB+NIR), workstations, photogrammetric software, CAD and photo editing software	Terrain Mapping and archaeological areas	Aerial photogrammetric survey with RPAS equipped with digital sensors and photogrammetric data processing	Survey images dataset (.raw, .jpg), ground control points (.txt), 3D models (.obj mesh, mesh .ply, cloud .las, cloud .ascii, cloud .E57), DSM (.geotiff) and orthophoto (.tiff, .png)	GPS-RTK ground control point survey and CAD data processing	<ul style="list-style-type: none"> Third-party service: Area <= 1 hectare, Cost = 1500,00 + VAT Area > 1 hectare, Cost = 1500,00 € + 750,00 + VAT each hectare Internal service (CNR researchers and associated A+B+C): reduction of 40% no VAT (fund transfer) Public Research Institutions and Universities service: reduction of 20% + VAT 	Calculated costs include: preliminar survey (for photogrammetric surveys), survey planning, transport of equipment and employees, preparation and execution of the survey, data processing and final data transfer. Any additional costs will be estimated for each specific case. The cost of the request for permits and authorizations will be calculated based on the specifics survey to be carried out and the geographical location of the site. For travel expenses outside the region will be calculated the transfer costs of equipment and employees.
		Quarry and landfill sites	Aerial photogrammetric survey with RPAS equipped with digital sensors and photogrammetric data processing	Survey images dataset (.raw, .jpg), ground control points (.txt), 3D models (.obj mesh, mesh .ply, cloud .las, cloud .ascii, cloud .E57), DSM (.geotiff) and orthophoto (.tiff, .png)	GPS-RTK ground control point survey and CAD data processing	<ul style="list-style-type: none"> Third-party service: Area <= 1 hectare, Cost = 2500,00 + VAT Area > 1 hectare, Cost = 2500,00 € + 750,00 + VAT each hectare Internal service (CNR researchers and associated A+B+C): reduction of 40% no VAT (fund transfer) Public Research Institutions and Universities service: reduction of 20% + VAT 	
		Buildings and infrastructure	Photogrammetric survey with ground systems (telescopic mast) and RPAS system equipped with digital sensors and photogrammetric data processing	Survey images dataset (.raw, .jpg), ground control points (.txt), 3D models (.obj mesh, mesh .ply, cloud .las, cloud .ascii, cloud .E57), orthophoto, elevations and sections (.tiff, .png)	GPS-RTK ground control point survey and CAD data processing	<ul style="list-style-type: none"> Third-party service: Cost = 750,00 + VAT /day Internal service (CNR researchers and associated A+B+C): reduction of 40% no VAT (fund transfer) Public Research Institutions and Universitie service: reduction of 20% + VAT 	
		Documentation and on-site inspection	Photo and video survey with ground systems (telescopic mast) and/or RPAS equipped with digital sensors	Images dataset (.raw, .jpg) e video length 5' (.mpeg) of survey stored on our server (dated and archived)	Video and photo editing	<ul style="list-style-type: none"> Third-party service: Num. photos <=25 e Num.1 video, Cost = 500,00 + VAT Num. Photos >25 + 10,00 + VAT for each photo Num. Video > 1, + 300 + VAT for each video Internal service (CNR researchers and associated A+B+C): reduction of 40% no VAT (fund transfer) Public Research Institutions and Universities service: reduction of 20% + VAT 	