

Requirement Specification

№	Type or work	Volume of work	Duration of execution	Accounting
1	Remote resonance sounding of an investigated territory with the help of radiation chemical processing of analogue aerospace photographs	<p>1.1. <u>Preparatory works</u></p> <p>1.1.1. Order and obtaining of aerospace photographs of the investigated territory</p> <p>1.1.2. Order and obtaining of ultra-pure chemical reagents</p> <p>1.1.3. Laboratory manufacture of test gel wafers</p> <p>1.1.4. Recording of electromagnetic spectrum of the sought-for substance on test wafers</p> <p>1.2. <u>Object identification</u></p> <p>1.2.1. Radiative processing of aerospace photographs on research nuclear reactor with test wafers of the sought-for substance and sensitive X-ray film</p> <p>1.2.2. Chemical processing of negatives that have undergone radiative and energoinformational impact in the nuclear reactor</p> <p>1.3. <u>Contour object deciphering</u></p> <p>1.3.1. Visualization of object contours and also incoming and outgoing torrents with the help of Kirlian-camera</p> <p>1.3.2. Obtaining of computer image with the help of digital camera connected to Kirlian-camera</p> <p>1.4. <u>Photogrammetric calibration</u> of computer image of the object (geographic connection of the image's points and the area)</p> <p>1.5. <u>Object's fixation</u> – definition of its size, form and location on the area according to the photograph and contour transfer of an object onto geographic map with maximum precision</p> <p>1.6. <u>Analytical data processing</u> receipt of coordinates of beds and preliminary calculation of supplies</p> <p>1.7. <u>Preparation of express-report</u> and providing the Customer with it</p>	2 months from prepayment transfer, obtaining of position data and maps of a territory	Express-report

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2	Remote resonance sounding of the object directly on-site	<p>2.1. <u>Preparatory works</u></p> <p>2.1.1. Calibration of mobile equipment of the complex, including THz generators, ultrahigh frequency signal receivers and other equipment</p> <p>2.1.2. Recording of electromagnetic spectrum of the sought-for substance on test wafers for mobile equipment</p> <p>2.1.3. Testing of ultrahigh frequency complex of equipment “on itself” on test wafers and substance samples</p> <p>2.1.4. Obtaining visas for a trip to ...</p> <p>2.2. <u>Conduction of resonance sounding</u> of an object on-site with utilization of mobile equipment of the complex</p> <p>2.2.1. Arrival at the place of investigation and connection of data with the help of GPS-navigator to the area’s geographic map</p> <p>2.2.2. Conduction of resonance sounding of the object on cross-cut depth sections</p> <p>2.2.3. Determination of quantitative characteristics of the object</p> <p>2.2.4. Fixation of sounding data</p> <p>2.3. <u>Analytical processing</u> of data array, obtaining of deposit’s geometry and calculation of its reserves</p> <p>2.4. <u>Preparation of the report</u> and providing the Customer with it</p>	2 months from prepayment of the 2nd stage of works and reception of invitation for visa preparation	Final report