



CONTRACT TYPE | Fixed-term Consultancy

JOB REFERENCE | UKR_CAR_2023_01_TECH

TERM | 10+ hours a week for five months

REPORTING TO | Deputy Director of Operations

KEY RELATIONSHIPS | Ukraine Team

FEE | Commensurate to experience.

POSITION SUMMARY | Conflict Armament Research (CAR) is looking for a skilled technical consultant with knowledge of electronic components integrated into weapon systems to support investigations into the global trends in acquisition, weaponization, and deployment of such components in weapon systems used in Ukraine.

CONFLICT ARMAMENT RESEARCH | CAR is the world's only organisation dedicated to tracking the supply of weapons and other combat-enabling commodities into conflict-affected areas. CAR works to help expose the illicit supply of conventional and improvised weapons, ammunition, explosives, precursor chemicals, components, technologies, and weapon expertise into armed conflicts.

Since 2018, CAR field investigation teams have documented recovered Russian systems used in Ukraine. Since the full-scale invasion of Ukraine by Russia in February 2022, CAR has documented more than 2,000 components from about 150 non-Russian companies and more than 500 components from about 70 non-Iranian companies in several types of Russian and Iranian systems.

TERMS OF REFERENCE |

In this role you will:

- Deploy to Ukraine with CAR's field team to perform JTAG/chip-off forensics and firmware extraction.
- Provide analysis of Russian and Iranian capabilities, construction, usage, evolution, and any other aspect important to weapon investigations, based on data collected during field investigations and from recovered firmware files.
- Analyse material changes in CAR's old and new Ukraine data, to identify component evolution and predict potential component alternatives if future supply chains are disrupted.

PERSONAL SPECIFICATION |

To be considered for this role it is essential to demonstrate:

- Extensive technical background working on electronic components and their integration into weapon systems and other military systems such as radios.

Subject Matter Expert | Technical Expert (Electronic Components)

- Technical knowledge of guidance and navigation aspects of weapon systems such as missiles and uncrewed aerial vehicle these systems.
- Excellent written English with the ability to adjust seamlessly between technical and non-technical audiences.
- Experience working in conflict-affected and austere environments.

It is strongly desirable to demonstrate:

- Familiarity with relevant dual-use commodity export control and regulations.
- Familiarity with Russian and Iranian weapon systems.

EQUALITY, DIVERSITY, AND INCLUSIVITY |

Our goal is to be a diverse workforce that is representative, at all job levels. We are undergoing a process of change to ensure we as an organisation are committed to creating an environment of mutual respect; one where equal employment opportunities are available to applicants and teammates of all backgrounds and protected characteristics.

At Conflict Armament Research we believe that diversity and inclusion is critical to our success as a global organisation. As such, we aim to recruit, develop, and retain the most talented people from a diverse candidate pool.

APPLICATION PROCESS |

To apply, please email your CV and a cover letter, citing the Reference number in the subject line, which (1) details how you meet the person specification above, and (2) directs to any writing or research you have undertaken on electronic components integrated into (Russian and/or Iranian) weapon systems.

Email to: recruitment@conflictarm.com

Deadline: 23:59 BST on 14th April 2023

In the interest of time, suitable candidates will be contacted for interview shortly after receipt and review of their application.

Starting date: Early May 2023, depending on available funding.