Electronics Engineer  
Location: Afghanistan

Position Description: STS International is an innovative Electronics Engineer to provide for the overall explosive safety of the lab due to the high risk nature of exploitation of improvised explosive devices. An electrical engineer is needed to provide electrical exploitation on captured enemy material and provide intelligence analysis on IED trends.

Responsibilities:

- Reverse-engineering electronic circuits systems at various maturation levels.
  (1) Responsible for reporting and briefing critical finds to both military and DoD civilian leadership.
  (2) Analyze electronic devices from improvised explosive devices (IEDs) for arming, firing and source characteristics.
  (3) Schematic reconstruction of circuits.
- Determine electronic/electrical characteristics, operating frequencies and power.
- Analyze recovered electronic components (switches and power supplies).
- Produce storyboards and technical reports on captured data.
- Maintain and document chain of custody of items and data.
- Train replacement personnel on SOP.
- Identification of irregularities and/or any unusual features on electronic devices in order to assess design, function, and performance capabilities and notifying Lab Management and CREW of such changes.

Knowledge, Skills, & Abilities:

- Physical ability and commitment to deploy as an ACME team member.
- Ability to possess/handle firearms in support of CEXC operations.
- Familiarity with EOD storyboards and reporting.
- Combined Information Data Network Exchange (CIDNE), WTI Lexicon and SIPRNET.
- Intimate familiarity with lab processes and work flow for level II exploitation efforts.
- Familiarity with Universal profiling and schema.
- Currency of global IED device and Tactics, Techniques, and Procedures (TTP) threat.

Requirements:

- Bachelors of Science degree in Electrical or Electronics Engineering, Electrical Technology, Computer Engineering, RF Engineering, Communications Engineering, Test
Engineering, or Electro-Mechanical Engineering or three years of professional work experience with a relevant master’s degree or higher.

- Experience using oscilloscopes, spectrum analyzer, power supplies, communication receivers, waveform generators, handheld digital multi-meters, CAD applications, MultiSim, Lab View etc.
- Experience working with a CEXC, WTI, counter-improvised explosive device (C-IED) Team, DTK Lab, Joint Expeditionary Forensics Facility (JEFF), Terrorists Explosive Device Analytical Center (TEDAC) facility, other NGIC, Defense Intelligence Agency (DIA) or Bureau of Alcohol, Tobacco and Firearms (ATF) Lab; interagency, or state/ local law enforcement lab.
- Experience developing and supporting the Weapons Technical Intelligence Enterprise.
- Experience in forensic electronics for military/civilian law enforcement.
- Completion of Weapons Technical Intelligence (WTI) and Advanced IED Electronics Courses of Instructions (COI's) upon hire, or prior to deployment on this program.

Certifications and other Qualifications:

- Prior U.S. Military or civilian experience working in explosive ordnance disposal (EOD) or C-IED.
- U.S. citizenship.
- Current DOD Secret security clearance with the ability to obtain a Top Secret security clearance.

APPLICANTS SELECTED WILL BE SUBJECT TO A GOVERNMENT SECURITY INVESTIGATION AND MUST MEET ELIGIBILITY REQUIREMENTS FOR ACCESS TO CLASSIFIED INFORMATION.

STS is a veteran owned small business that is proud to be an Equal Opportunity Employer.

All interested candidates please apply at [www.stsint.com/employment](http://www.stsint.com/employment) for immediate consideration. STS is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment
without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.