

Function Description

**Contract – Scientific worker
Scientific Instruments Specialist-
CBRN Forensic Specialist
'Radio-Nuclear Crime Scene Forensics' (M/W/X)
Operational Direction Forensic Sciences**

Function

To summarise your job assignment will be:

To contribute to the European IFS Development Project on:

'Strengthening crime scene forensics capabilities in investigating CBRN incidents in the South East and Eastern Europe Centers of Excellence Region'

More specifically, this will include working together with other partner's experts in the:

- assessment of existing state-of-the-art forensic infrastructure for sampling and analysis of CBRN (Chemical, Biological, Radiological, Nuclear) materials, seized by the police in the field. This includes short field missions to participating countries (PC), located in the South-East Europe region;
- assessment of existing state-of-the-art forensic infrastructure for training in the sampling and analysis of CBRN materials in three selected EU Member States (MS), emphasising on the training capabilities of the MS for handling live CBRN materials;
- development of a 'Train-the-Trainer' (TTT) course to train selected experts from the PCs to train their local field technicians and experts in CBRN material handling and analysis;
- development and execution of both table-top and field exercises in the PCs;
- listing of the necessary equipment and making an inventory of what is available in each PC;
- assisting in the acquisition of the missing equipment and infrastructure for the forensic analysis of RN materials in each of the PCs.

These tasks will generally require:

- working with the project supervisor as well as the other Belgian and European partners involved in the project development and its management;
- communicating, synthesizing and reporting in a clear and correct way about obtained (intermediate) results, contacts, and project meetings;
- assisting in coordinating the project.

Your function at the NICC will entail:

- participating in the activities of the forensic advice service in the department of forensic sciences of NICC;
- executing these and other tasks while respecting the applicable safety and security norms (procedures, methods and standards), with additional attention towards professional confidentiality rules.

COMPETENCES

Working for the NICC is working towards central values such as Neutrality, Integrity, Competence and Consistency (NICC). Reliable results, fluently providing services and conducting a precise administration are the logical consequences.

Behavioural competences:

- You are a very good communicator, both orally and in writing;
- You are an enthusiastic team player;
- You are capable of looking at situations from a non-obvious perspective;
- You are capable of constantly acquiring new insights, skills and knowledge according to the professional needs;
- You are committed to working towards your objectives, you deliver qualitative work, within the agreed deadlines;
- You analyse and evaluate information skilfully;
- You carry out decisions with a constructive critical mind;
- You are stress resistant and able to handle criticism;
- You are flexible, open to change, depending on the needs of your department and your personal development;
- You are eager to expand your scientific knowledge.

Technical competences:

The following competences are absolute requirements:

- You have ample knowledge of IT-hardware and software (enabling you to use PC and Office software to communicate with project partners and to generate reports);
- You have a basic knowledge of how to conduct scientific R&D tasks and projects;
- You have a theoretical knowledge of general forensic practices and the CSI methods used by the police (e.g. on a crime scene);
- You have a basic knowledge of chemistry and physics (level: Master in Science), specifically in the fields of (nuclear) chemistry and analytical methods
- You are willing to travel and work abroad in the participating countries (South East and Eastern Europe).

The following competences will be considered an added value:

- You possess an excellent knowledge of the English language (enabling you to communicate fluently with other project partners and attending, participating and reporting on project meetings) ;
- You possess an excellent knowledge of the Dutch and/or French language.

Employer

National Institute Forensic Sciences and Criminology (NICC), Operational Direction Forensic Sciences, Vilvoordsesteenweg 100, 1120 Brussels, Belgium

The Operational Direction Forensic Sciences is made up of 5 units whose areas of expertise and used techniques are very diverse:

1. The Ballistics and Digital Information and the national ballistics database unit
2. The Drugs and Toxicology unit
3. The Biology unit, which includes DNA, Micro-traces and Entomology analysis and research
4. The General Analytical Chemistry unit, which includes 4 labs : Paints, Glass and Safety Ink Research; Fire Research and volatile components; Fibres and Textile and Gunshot Residue
5. The Forensic Advice unit

6. The national DNA Database unit.

This vacancy is situated in the Forensic Advice Unit.

In this unit, generalist forensic experts examine the most complex cases and communicate with magistrates and the police to advise them on the possibilities of forensic analysis that exist, as they investigate criminal offence cases. This advice serves to orient the criminal prosecution to the most efficient and effective use of resources to identify and apprehend the perpetrators of serious crime in Belgium.

What does the NICC do?

The NICC is a federal scientific institute of the Belgian State under the direct authority of the Minister of Justice.

The NICC, among other things, aims to serve the judicial process by making its scientific research and expertise available as a service in order to:

- detect offenders and support the collection and building of material proof;
- improve knowledge of criminal phenomena and the possible approach towards them.

You can find more information on the website www.nicc.fgov.be.

WORKING CONDITIONS

You will be recruited as **scientific assistant, researcher with a contract** and the corresponding salary scale SW10 (at least Master level):

The minimum starting salary is **€ 2.991,36 (SW10) gross per month** (already adapted to the current index, regulatory allowances not included). The salary increases with increasing scientific and/or pecuniary seniority of the candidate.

Scientific experience useful for the function other than those described in Article 7§2, 1° and 2° of the Royal Decree establishing the status of the academic staff of the federal scientific institutions, **cannot be accounted for scientific seniority for this function.**

The recruitment occurs in the context of an external funded research project, with a contract of maximum 24 months.

Interesting job related benefits:

- free public transports from home to work
- company restaurant
- numerous opportunities to attend trainings and for personal development
- possibility to have hospitalisation insurance at a reduced government negotiated price
- possibility of obtaining a language allowance
- benefits and discounts on offers from the Fed+ card
- possibility to obtain a bicycle allowance
- flexible schedule in a 38 hours workweek
- 26 days annual leave
- Possibility to participate to cultural and sports activities

PARTICIPATION CONDITIONS

Required Diploma:

You are in possession of a Master's diploma (or equivalent) in:

- Master in Forensic Science
- Master of Science in Chemistry
- Master of Science in Physics
- Master of Science in Physics and Materials Engineering
- Master of Science in Chemical Engineering
- Master in Engineering Physics

HOW TO APPLY

You can apply until the 22nd of February 2017 (interview : 03 March 2017)

Your application will only be accepted if you send it with a **cover letter by email no later than the above** date, and:

1. Including this information:
 - Name + First name
 - Full address
 - Date of birth
 - National ID number
 - The complete name of the job you are applying for
 - Your motivation for the job
2. Including a full and correct Curriculum Vitae
3. Including a copy of your diploma
4. Including a recent (less than one month old) and original record of convictions issued by the local municipality. If the municipality cannot timely deliver this certificate, your application is accepted, subject to delivery of the certificate by the end of the selection.
5. If interesting for the job, indicate any publications and any scientific work you have published.
6. Add the equivalence of the diploma : <http://www.equivalences.cfwb.be/index.php?id=>

Applications can be sent by email to:

pando@just.fgov.be ; **your application has to be validated by an e-mail return notice.**

CANDIDATES WITH A DISABILITY

People with disabilities are kindly asked to clearly state this in their application and to add a certificate of their disability so that we may provide the **necessary adjustments to the selection.**

SELECTION PROCEDURE

- The selection committee decides which of the eligible candidates it considers most qualified based on the documents submitted and provided by the candidates.
- If the selection committee deems it necessary, it may ask the applicant to participate to any additional test to assess the candidate's qualifications for the job.
- The candidates that are selected will be invited to an interview with the selection committee. This interview can possibly be preceded by a written preparation. The aim of the interview is to determine the professional ability, the conformity regarding the requirements of the job, the motivation, the interest and affinity towards the job.

HIRING CONDITIONS

If you have passed this selection, you will be required to:

- be a Belgian citizen or a citizen of a country belonging to the European Economic Area or Switzerland
- be in possession of the required diploma (and possibly equivalency certificate)
- not to be deprived of your civil and political rights
- have a behaviour which is in accordance with the requirements of the mentioned job.

CONTACT INFORMATION

For more information, you can contact:

Research Coordinator of the NICC

Dr. Bart Nys

Phone number +32 2 240 05 00 (tel.central NICC)

E-mail : bart.nys@just.fgov.be

OR

HR department

Phone number +32 2 240 04 74

E-mail : pando@just.fgov.be