



Job Description

Director (Division of Physical and Chemical Sciences)(D1)-(2018/0151 (004767))

Organization NAPC-Division of Physical and Chemical Sciences

Primary Location Austria-Vienna-Vienna-IAEA Headquarters

Posting Date 2018-03-05, 6:01:50 PM

Closing Date 2018-04-19, 11:59:00 PM

Duration in Months: 36

Contract Type: Fixed Term - Regular

Probation Period: 1 Year

Organizational Setting

The Department of Nuclear Sciences and Applications implements the IAEA's Major Programme 2, "Nuclear Techniques for Development and Environmental Protection". This Major Programme comprises individual programmes on food and agriculture, human health, water resources, environment and radiation technologies. These programmes are supported by laboratories in Seibersdorf, Monaco and Vienna. The Major Programme's objective is to enhance the capacity of Member States to meet basic human needs and to assess and manage the marine and terrestrial environments through the use of nuclear and isotopic techniques in sustainable development programmes.

The Division of Physical and Chemical Sciences is responsible for assisting and advising Member States in research and development for the nuclear sciences, especially the physical and chemical sciences. Specifically, the Division provides support to Member States in the following fields: production of radioisotopes and radiolabelled products for applications in health care and industry; radiation source applications; research reactor utilization; applications of accelerators and nuclear instrumentation; nuclear and atomic data for applications; controlled nuclear fusion and isotope hydrology and geochemistry.

Main Purpose

The Director reports to both the Deputy Director General, Head of the Department of Nuclear Sciences and Applications, and the Deputy Director General, Head of the Department of Nuclear Energy, and is supported by about 40 Professional and about 30 General Service staff. The Director ensures that the Division of Physical and Chemical Sciences provides results based programmatic responses to Member States' priorities in the programmatic areas outlined above.

Role

The Director is: an adviser and coordinator to the Deputy Directors General on such issues as strategy and policy, as well as trends impacting the areas of nuclear science, and radioisotope production and radiation technology; the principal adviser to the Deputy Directors General on programme delivery in response to Member States needs; a leader, providing strategic direction and motivating staff in the Division, promoting good performance and teamwork and creating an environment where staff can develop their skills and share knowledge and experience; a manager of the human and financial resources assigned to the Division, responsible for the efficient and effective development and implementation of the above-mentioned programme areas in line with the results based management approach.

Functions / Key Results Expected

- Lead the Division of Physical and Chemical Sciences, providing direction and guidance to staff, and establishing and monitoring standards of excellence in performance.
- Foster international and regional cooperation, networking and sharing of practical experience and the effective use of nuclear technology between Member States.
- Coordinate and guide programme monitoring and assessment, ensuring that outcomes are fully in line with stated programme objectives.
- Represent the IAEA and its scientific standing at international conferences and forums and liaise with senior-level representatives in scientific institutions and other international organizations to gain awareness of emerging trends.
- Strengthen IAEA cooperation with other international organizations through synergetic activities.
- Build and maintain strategic institutional partnerships and alliances with a wide range of stakeholders in Member States.
- Formulate and implement research and development projects, and provide technical guidance to Member States in the areas falling within the scope of the Division's mandate.
- Collaborate with other Divisions of the Agency in matters of overlapping interest.

Competencies and Expertise

Core Competencies

Name	Definition
Communication	Promotes an environment of open communication within and outside of the Agency, ensuring that sensitive information is protected. Inspires staff at all levels through his/her communication.
Achieving Results	Sets the overall direction for the Departmental/Divisional goals, and promotes a results based management culture that focuses on the achievement of programme results in an effective and efficient manner.
Teamwork	Motivates and empowers staff, and fosters a collaborative approach across the Department/Division and the Agency as a whole. Acts as a role model when handling disagreements.
Planning and Organizing	Sets clearly defined objectives for the Department/Division in line with the priorities of the Agency. Works toward Agency-wide efficiencies with a view to strengthening and harmonizing planning systems and capacities at the Departmental/Divisional level.

Functional Competencies

Name	Definition
Commitment to continuous process improvement	Leads and oversees continuous quality improvement efforts across the Department/Division through the promotion of advanced tools, resources and training.
Partnership building	Develops strategic partnerships and alliances. Leverages combined network resources to support the Agency's programmes and priorities in achieving Agency-wide results.
Technical/scientific credibility	Demonstrates vision, expertise and resourcefulness in developing strategies, seizing good opportunities, mastering challenges and risks, and addressing issues relevant to the programme goals.

Qualifications, Experience and Language skills

- Advanced university degree in physics or chemistry with specialization in nuclear science. PhD preferred.
- At least 15 years of research and development experience in nuclear science with special emphasis on the use of research reactors, accelerators, radioisotopes and radiation. Of those at least five years of administrative leadership including broad experience in human and financial resource management, programme planning and organizational development.
- Technical expertise in physical and chemical sciences. Good knowledge of nuclear science, radioisotope production and radiation technology. General knowledge of water resource management issues.
- In-depth knowledge of trends in the development of nuclear science related technologies, as well as familiarity with and understanding of the specific needs of developing countries.
- Proven track record of excellent leadership.
- Broad experience at the international level.
- Excellent oral and written command of English. Knowledge of other official IAEA languages (Arabic, Chinese, French, Russian and Spanish) is an asset.

Remuneration

The IAEA offers an attractive remuneration package including a tax-free annual net base salary starting at **US \$97805** (subject to mandatory deductions for pension contributions and health insurance), a variable [post adjustment](#) which currently amounts to **US \$ 52423***, dependency benefits, [rental subsidy](#), [education grant](#), [relocation](#) and [repatriation expenses](#); 6 weeks' annual vacation, [home leave](#), [pension plan](#) and [health insurance](#)

Applications from qualified women and candidates from developing countries are encouraged

Applicants should be aware that IAEA staff members are international civil servants and may not accept instructions from any other authority. The IAEA is committed to applying the highest ethical standards in carrying out its mandate. As part of the United Nations common system, the IAEA subscribes to the following core ethical standards (or values): [Integrity](#), [Professionalism](#) and [Respect for diversity](#). Staff members may be assigned to any location. The IAEA retains the discretion not to make any appointment to this vacancy, to make an appointment at a lower grade or with a different contract type, or to make an appointment with a modified job description or for shorter duration than indicated above. Testing may be part of the recruitment process
