

**Medical Advisors to Civil Aviation
at Transport Canada
– Civil Aviation**

ACAN Submission

Transport Canada wishes to award a general contract for Physicians as Medical Advisors to Civil Aviation. The attached lists of medical doctors will be required in the Prairie & Northern, Pacific, Quebec, Ontario and National Capital Regions.

ACAN Process

An Advance Contract Award Notice (ACAN) allows departments and agencies to post a notice, for no less than fifteen calendar days, indicating to the supplier community that it intends to award a good, service or construction contract to a pre-identified contractor. If no other supplier submits, on or before the closing date, a statement of capabilities that meets the requirements set out in the **ACAN**, the competitive requirements of the government's contracting policy have been met. Following notification to suppliers not successful in demonstrating that their statement of capabilities meets the requirements set out in the ACAN, the contract may then be awarded using the Treasury Board electronic bidding authorities.

If other potential suppliers submit statements of capabilities during the fifteen calendar days posting period, and meet the requirements set out in the ACAN, the department or agency must proceed to a full tendering process on either the government's electronic tendering service or through traditional means, in order to award the contract.

Requirement

This document is a call for medical advisors in various specialty fields of medicine related to the aeromedical certification of pilots and air traffic controllers.

Scope of Work

The scope of this contract will be confined to tasks listed below. Travel expenses to be paid as deemed necessary on a case-by-case basis.

Background Information - Civil Aviation Medicine

The Civil Aviation Medicine Branch (CAM) of Transport Canada is responsible for all aspects of aviation health and advises on many issues in aviation safety. This includes medical fitness of civilian aircrew, development of medical standards, education and training for aircrew and Civil Aviation Medical Examiners (CAMEs). In addition CAM is working with the RCAF on the development of

postgraduate training and certification of aerospace medicine specialists in Canada.

From time to time, we may be called upon by other Branches to review their medical procedures, and also to advise and recommend on other issues related to a medical certification program similar to CAM's. The doctors requested to provide this work would be contracted from the ACAN list.

In addition, CAM is involved in national and international aero-medical research, and aeromedical policy development. To ensure that CAM meets its mandate, it is required to contract with various medical specialists.

Tasks to be performed - Specialist Physician Consultants

The medical specialists engaged must have an unrestricted license to practice medicine in a province or territory of Canada and are expected to have the Royal College of Physicians and Surgeons of Canada (RCPSC) specialty certification combined with a knowledge of and experience in assessing aviation personnel. These doctors as a group will also act as the Aviation Medical Review Board of the department.

The specialties involved will cover the breadth of traditional medical specialties with the added dimension of applying this knowledge to the aviation environment.

Aviation Medical Review Board:

- Advice to Regional Aviation Medical Officers (RAMOs) on individual cases (Consultations/mini boards)
- Provide specific reports on cases at the request of the Chairman, Aviation Medical Review Board (AMRB)
- Help arrange, attend and if necessary, chair Civil Aviation Medicine (CAM) workshops on specific topics relating to their clinical specialty
- Prepare and deliver research papers to academic societies and peer reviewed journals
- Assist in developing and elucidating Transport Canada's Civil Aviation medical standards and policies
- Represent the evidence based science underlying standards and policies at Inquiries, Tribunals, Commissions and in the Canadian Courts of Law
- Assist Senior Consultant, Education and Training in a clinical curriculum development for Canadian Civil Aviation Medicine
- Prepare and deliver academic lectures to Civil Aviation Medical Examiners (CAMEs) across Canada
- Advise the Director of Civil Aviation Medicine, Transport Canada in developing policy and correspondence which refer to their area of clinical expertise

- Provide advice on the clinical aspects of diseases affecting Canadian Aviation document holders.
- Work with Canadian Academic Postgraduate Medical Training and Certification bodies on training curriculum development for the RCPSC Diploma in Aerospace Medicine.

Tasks to be performed – Senior Physician Consultants

Due to vacancies in the public service, CAM requires experienced and specialty qualified contract physicians to assume the professional technical role of Regional Aviation Medical Officers or Aviation Medical Officers in CAM offices across Canada. It is mandatory that these doctors:

- a) hold an unrestricted license to practice medicine in a province or territory of Canada and are qualified former Canadian Forces, now Royal Canadian Air Force, Flight Surgeons or
- b) have similar training with specialist certification in Aviation Medicine, either a Diploma in Aviation Medicine (UK or NZ) or the American Board of Preventive Medicine Specialty Certification. The new RCPSC Diploma in Aerospace Medicine is also an acceptable qualification for this work.

These Senior Physician Consultants must meet the terms outlined in the Security Requirements Check List and must obtain and maintain a Reliability Security Clearance validated by Transport Canada.

Senior Consultants in aviation medicine at the Senior Physician Consultant professional level may:

- ***act as Regional Aviation Medical Officers (RAMOs), on occasion***
- Act as a senior medical assessor for Medical Examination Reports (MERs)
- Review and assess routine files, new applicants and some review of more complex files under the supervision of the Senior RAMO
- Reviews up to 100% of all files in conjunction with medical review officers, aviation medical officers, special medical advisors, CAM office staff, and Office Manager/Clinical Assessment Officer as necessary
- Advise more junior office staff and physicians on aeromedical issues and assessments.
- Provide guidance and advice to Civil Aviation Medical Examiners (CAMEs) in-the-field.
- Prepare case presentations for the Aviation Medical Review Board (AMRB).
- Participate in case discussions at the AMRB
- Prepare correspondence to TC licensing offices and to pilots on medical issues.

- Make arrangements and prepare for various workshops, conferences, research papers, studies etc.
- Deliver presentations at workshops and conferences.
- Work with the Royal College and/or an Academic Postgraduate Medical Institution to develop curriculum and eligible training experiences for the RCPSC Diploma in Aerospace Medicine.

Tasks to be performed – Physician Consultants

Due to vacancies in the public service, CAM requires additional physicians to assist with the assessment of aviation medicals performed by CAMEs. It is mandatory that these doctors

- a) hold an unrestricted license to practice medicine in a province or territory of Canada and are qualified former Canadian Forces, now Royal Canadian Air Force, Flight Surgeons or
- b) holders of specialist certification in Aviation Medicine either a Diploma in Aviation Medicine (UK or NZ) or the American Board of Preventive Medicine Specialty Certification. The new RCPSC Diploma in Aerospace Medicine is also an acceptable qualification for this work.

These Physician Consultants must meet the terms outlined in the Security Requirements Check List and must obtain and maintain a Reliability Security Clearance validated by Transport Canada.

The Physician Consultants in aviation medicine are to perform the duties as outlined below in the various offices of Civil Aviation Medicine, Transport Canada.

- Act as a medical assessor for Medical Examination Reports (MERs)
- Review and assess routine files, new applicants and some review of more complex files under the supervision of the Regional Aviation Medical Officer (RAMO) or Senior RAMO
- Review up to 75% of all files in conjunction with CAM Office staff, medical review officers, and Office Manager/Clinical Assessment Officer as necessary
- Request medical specialist consultation on complex cases
- Prepare submissions to the Aviation Medical Review Board (AMRB) when cases are either unique, complex or require additional medical expertise.

BASIS OF PAYMENT:

Specialist Physician Consultants - Aviation Medical Review Board (AMRB)

AMRB Meetings - per Session - \$600.00 (approximately one meeting per month)

Civil Aviation Medical Examiners Mandatory Training Seminars Lecture –
Honorarium - \$1,500.00 (approximately two seminars per year)

*AMRB Specialist Advisory Services as required (i.e. ECG interpretation) – Per
Medical Case - \$12.00*

Research & Preparation – hourly rate \$125.00 - \$200.00 (depending on the
complexity of the case) – to be determined by Director Civil Aviation Medicine

Senior Physician Consultants – Advisory Services – Per Hour

Hourly rate \$150.00 - \$200.00

Research & Preparation – within the hourly rate above depending on the
complexity of the case) – to be determined by Director Civil Aviation Medicine

Physician Consultants – Advisory Services – Per Hour

Hourly rate \$135.00 - \$200.00

Research & Preparation – within the hourly rate above, depending on the
complexity of the case) – to be determined by Director Civil Aviation Medicine

**All Travel, Accommodation, Meals and Incidental Expenses – determined
as required and pre-approved by Director of Civil Aviation Medicine and
“as per the National Joint Travel Directives”.**

All Payments in Canadian Funds.

List of Physicians and Specialties

Specialist Physician Consultants - Aviation Medical Review Board (AMRB)

Specialties:

Aviation Medicine

Cardiology

Internal Medicine

Neurology

Ophthalmology

Oncology

Otolaryngology

Psychiatry

List of Doctors:

Dr. B. Adams
Dr. W. Delpero
Dr. J. Deneault (Reliability Security Clearance Level Required)
Dr. A. Douglass
Dr. R. Fassold
Dr. M. Lange
Dr. H. Rabinovitch
Dr. D. Schramm
Dr. P. Sedge
Dr. C. Skinner
Dr. D. Stewart
Dr. A. Wielgosz

Security Clearance Requirements

With the exception of Dr. Deneault, there are no Security Requirements associated with the above proposed contracts.

Any medical data provided to the Contractor will have had all identification removed and therefore will not be Sensitive.

The Contractor will be escorted at all times during meetings at Transport Canada facilities.

Senior Physician Consultants – Advisory Services

Specialty:

Aviation Medicine

Security Clearance Level Requirement: Reliability

List of Doctors:

Dr. E. Bekeris
Dr. R. Davidson

Physician Consultants – Advisory Services

Specialty:

Experience in Civil Aviation Medicine

Security Clearance Level Requirement: Reliability

List of Doctors

Dr. J. Fernando
Dr. G. Magee
Dr. C. Winsor
Dr. J. Saary (No Security Clearance Level required)

Period of the Contract

The contracts will be from **April 1, 2017 to March 31, 2018. With four additional one year option years.**

Estimated Cost

Estimated amount for each agreement will vary and will depend on the amount of work involved as determined by the Director of Civil Aviation Medicine. The total cost of all contracts is estimated at \$3,846,000.00 if all options exercised.

Challenge

Doctors who consider themselves fully qualified and available to provide the services described herein, may submit a statement of capabilities in writing to the contact person identified in this Notice on or before the closing date of this Notice. The statement of capabilities must clearly demonstrate how he/she meets the advertised requirements.

Closing Date

March 30, 2017

Contact

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