

CALL FOR APPLICATIONS

Job:

Job reference:	AE2017-0263 (WindScanner - CSIG) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: COMPUTER SCIENCE Sub:

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC.	
Project:	WindScanner national infrastructure (NORTE-01-0145-FEDER-022207)
Scientific Advisor:	Artur Rocha
Duration Grant:	from 2017-12-01 to 2018-11-30 (12) - Eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area:	Development of software architectures and tools for the WindscannerPT infrastructure (task 3).
Project overview:	The work will be developed in the context of task 3: "Implementation of e-Science platform and open data access" of the WindscannerPT infrastructure. WindscannerPT task 3 will setup the software components needed to manage the infrastructure, institutions and their equipments and researchers, to support the design and execution of open air field tests, and to support Open Access policies to deal with the collected datasets and related information
Objectives:	1.Work with the stakeholders to specify the main functionalities 2.Design and develop the set of Web services (API) 3.Develop the server-side logic to use the data server. 4.Develop the web access to the API to the management of the infrastructure and their campaigns 5.Develop web accesses to the API related to the researchers work 6.Enable the e-infrastructure to manage equipment, traceability and usages 7.Design and support an Application Profile

Academic Qualifications:	MSc in Informatics Engineering or equivalent
Minimum Profile required:	- Web development, based on Web services - Software Engineering knowledge
Preference factors:	Experience in developing software based on JavaScript, PostgreSQL and MongoDB on Linux. Experience in research data management and configuring and using the THREDDS Data Server to files in NetCDF.
Monthly Grant:	€980,00 (MSC) according to the Stipends values of the grants awarded directly by the FCT, paid by bank transfer. The grant holder can receive additional payments by participating in complementary contracts or projects that contribute to the work plan (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), in accordance with paragraph 4 of article 5 of Research Grant Holder Statute, approved by Law n 40/2004, dated 18 August, up to a maximum of 50% of the monthly grant.

Project duration:	2017-10-23 a 2020-10-21
Funding Entity:	FCT (NORTE-01-0145-FEDER-022207)
The grant contract shall be submitted to the legislation concerning the Research Grant Holder Statute , approved by Law n 40/2004, dated 18 August, amended and republished by Decree-Law No. 202/2012 of 27 August and amended by Decree-Law No. 233/2012 of 29 October and by Law No. 12/2013, of January 29, and Decree-Law No. 89/2013 of July 9 as well as by INESC TEC Grant Regulation , approved by FCT - Fundação para a Ciência e a Tecnologia (Science and Technology Foundation) in 12 January 2011 and FCT current Grant Regulation. Additional information about INESC TEC Grants Regulation and relating annexes may be found at www.inesctec.pt/grants	

Selection Criteria:	Curriculum evaluation based on the criteria referred to in Clause 7 INESC TEC Grants Regulation and will include individual interviews in the final stage of the selection process, with its valuation: 70% curriculum evaluation (30% CV, 20% scientific domains and 20% Expertise) and 30% interview.
Selection Jury:	President of the Jury: Prof. João Correia Lopes; Permanent Member: Prof. Cristina Ribeiro; Substitute Member: Prof. Gabriel David;
Notification of results:	The results of the selection process will be disseminated to interested parties by mail, as referred to in Clause 8 of INESC TEC Grants Regulation .
Application period:	From 2017-10-18 to 2017-11-01
Application submission:	Fill in the electronic form in the section Work with Us at www.inesctec.pt , attaching the Curriculum Vitae, certificate of qualifications and other supporting documents relevant to the final assessment.

