CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0035 (KnowLOGIS - CEGI)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING,COMPUTER SCIENCE
	Sub: Industrial engineering,Informatics

Job summary:

INESC TEC is accepting applications to award 1 Research Grant for MSC .	
Project:	KnowLOGIS - Expertise in Healthcare Logistics (POCI-01-0247-FEDER-017702)
Scientific Advisor:	Mário Amorim Lopes
Duration Grant:	from 2019-03-25 to 2019-09-24 (6) . The grant may be renewed for additional periods up to the maximum duration of the project or the duration of the grant for which the candidate was selected. It can also be renewed due to another project provided that it is entirely or partly related to the work area in the call and that it contributes to the ongoing training.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Information systems, health systems, health care management, hospital logistics, operations research

Project overview: The KNOWLOGIS project consists of an intelligent dashboard capable of monitoring hospital information systems, constantly on the lookout for efficiency gains in day-to-day operations, in particular inventory management, budgeting, procurement, etc. It uses technologies such as .NET Core, R, REST/Web Services, Docker, etc. The candidate will be working closely with the project partners: an IT company (Glintt) and a public hospital (CHVNG) in implementing the dashboard.

Objectives: Develop the use cases further; Work on machine learning algorithms; help implementing the dashboard; incorporate hospital planning into the forecasts; estimate the budget impact of operational changes; participate in focus groups/user experience sessions.

Academic Qualifications:	Master in Industrial Engineering and Management, Computer Science ou related areas.
Minimum Profile required:	Analytical and coding skills.
Preference factors:	Research or working experience in the fields of health care, operations research.
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 may also benefit from additional incomes in the sequence of a quarterly evaluation process (Clauses 12 and 13 of INESC TEC Grants Regulation and Annex II), up to a maximum of 50% of the monthly grant.

Project duration:	2017-04-01 a 2019-09-27
Funding Entity:	**Fundo Europeu de Desenvolvimento Regional (FEDER) and by the Programa Operacional Competitividade e Internacionalizao POCI-01-0247-FEDER-017702**

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: 85% curriculum evaluation (40% CV, 25% scientific domains and 20% Expertise) and 15% interview. Only those candidates who obtain at least 70% in the curricular evaluation (CV + Scientific Domain + Experience) will be called for the interview.

Selection Jury:	President of the Jury: Prof. Mário Amorim Lopes;
	Member: Prof. Gonçalo Reis Figueira;
	Member: Prof. Ana Viana;
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 2019-02-19 to 2019-03-05
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.