

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0370 (INESC TEC LA - CRAS)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Research Grants (BI)
City:	Porto
Research field:	Main: ENGINEERING
	Sub: Electronic engineering

Job summary:

INESC TEC is accepting applications to award 2 Research Grant for Degree holders .

Project:	INESC TEC-UID/50014
Scientific Advisor:	José Miguel Almeida
Duration Grant:	from 2020-01-01 to 2020-03-31 (3) eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Aerial Robotics

Project overview: The fellow will undertake the development of a 3D reconstruction tool based on the combination of information from high resolution aerial images and a LiDAR.

Objectives: Development and implementation of an aerial robotic system for recording position and attitude data, high resolution aerial imagery and LiDAR. The result will be a georeferenced data structure for offline post-processing of all information for 3D reconstruction information generation (images + point cloud).

Academic Qualifications:	Degree in Electronic and Computer Engineering or related scientific area
Minimum Profile required:	Advanced knowledge of perception and sensors.
Preference factors:	Proper experience of the project applicant
Monthly Grant:	€752,38 (Degree) 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:	- 2015-01-01 a 2017-12-31
Funding Entity:	Funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., in the scope of the project INESC TEC-UID/50014
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 (35% CV, 30% 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. Eduardo Silva; Member: Prof. Diana Viegas; Member: Prof. André Dias;
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 2019-12-02 to 2019-12-13
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.