

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0249 (HiperSea - 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 1 Research Grant for MSC .

Project:	Sistema Hiperbárico para Recolha e Manutenção de Organismos do Mar Profundo (POCI-01-0247-FEDER-033889)
Scientific Advisor:	Eduardo Alexandre Pereira Silva
Duration Grant:	from 2019-12-03 to 2020-06-02 (6) eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Robotics

Project overview: Carry out activities related to the development and implementation of robotic systems for capture and monitoring of deep sea fauna.

Objectives: Development of a hyperbaric system, capable of collecting and transporting living organisms to the surface. Design and dimensioning of hyperbaric structures. Design and development of a hyperbaric chamber interface and coupling system to a robotic platform. The work will involve the design, development and construction of pressure resistant mechanical structures.

Academic Qualifications:	Master in Electrotechnical Engineering or related fields.
Minimum Profile required:	Solid knowledge of underwater robotics, equipment and components for the buoyancy system.
Preference factors:	Experience in Underwater Robotics.
Monthly Grant:	€989,70 (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:	2018-07-01 a 2021-06-30
Funding Entity:	Fundo Europeu de Desenvolvimento Regional (FEDER) and by the Programa Operacional Competitividade e Internacionalizao POCI-01-0247-FEDER-033889

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 (40% CV, 20% scientific domains and 10% Expertise) and 30% 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. Hugo Miguel Silva;

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 2019-11-05 to 2019-11-18

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.