

CALL FOR APPLICATIONS

Job:

Job reference:	AE2019-0372 (UNEXUP - CRAS) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Position:	Investigação (BI)
City:	Porto
Research field:	Main: ENGINEERING Sub: Electronic engineering

Job summary:

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

Project:	UNEXUP. UNEXMIN Upscaling
Scientific Advisor:	José Miguel Almeida
Duration Grant:	from 2020-04-01 to 2020-09-30 (6) eventually renewable until the project conclusion or budget.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Underwater robotics

Project overview: Development of modular autonomous robotic system for exploration and mapping of flooded mines.

Objectives: The applicant will participate in the development of an autonomous underwater system capable of exploring autonomous galleries and flooded mine tunnels. The work address the construction of a up-scale vehicle prototype, with greater operability than the current prototypes and evolution of the navigation and mapping software.

Academic Qualifications:	Master in Electrotechnical Engineering or related fields.
Minimum Profile required:	Solid knowledge of underwater robotics.
Preference factors:	Experience in Underwater Robotics. Knowledge of robotics, perception, control, navigation in underwater environments.
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: 2020-01-01 a 2022-12-31

Funding Entity: EIT

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 .

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 2020-01-01 to 2020-03-15

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.