Project Specification

Tender details – the opportunity

Company name	SafetyNet Technologies LTD
Company address	North House, 198 High Street, Tonbridge, Kent, TN9 1BE
Description of company activity/SIC code	Specialised design activities - 74100
Objective of the proposed innovation project– this MUST involve activity that results in the development of or introduction to the market of a new product or service (max 300 words)	SNTech is developing 'CatchCam', an underwater camera developed specifically for the fishing industry to assist them in fishing more sustainably through the provision of in-situ underwater video footage that assists the skipper in diagnosing problems and identifying opportunities for gear improvement. Different parts of the system are at different stages: camera electronics are undergoing QA testing and small design refinements, whilst the mechanical housing is complete. The gear attachment is in the early stages of prototyping, whilst the software is still under active development. We are anticipating a late-2022 product release date.
Company's current situation – existing project team and innovation project development stage (max 400 words)	SafetyNet Technologies (SNTech) is a UK-based SME, focused on increasing sustainability in the commercial fishing industry. Current fishing processes and technologies can be very unselective, leading to the capture of the wrong species and ages of fish and their subsequent wastage. We aim to make the fishing industry smarter through technology development to accelerate scientific research, applying its findings in the form of affordable, user-friendly technology and new fishing practices. We are a team of 22 employees and contractors. Our team comprises mechanical and electronic engineers, product designers, user-centred-design experts, storytellers and business modellers. The ability to identify the needs of different stakeholders, generate and evaluate business models in support of technical solutions and then communicate them to different communities in order to get feedback

	means we produce devices that have a high chance of being used and useful.
	Following the launch of our first product Pisces to market in 2021, we are now launching CatchCam to address market demand and to continue our mission of providing Precision Fishing tools to the fishing industry. In a short period, we have gotten CatchCam to TRL5, but need support in getting it ready for market.
Business need – what expertise and support is required to reach the objective(s) above? (max 400 words)	SNTech needs full stack software development and embedded software development contracting expertise to bring their prototype R&D 'CatchCam' hardware to commercial readiness. CatchCam is a sophisticated subsea camera system, whose software work spans a 'full stack' between the firmware on the device and a smartphone app. The skills needed are time-bound over the next 6 months, and as such lend themselves to the temporary engagement of a contracting team, rather than in-house hiring.
Please list six key words that describe your potential project, i.e. ICT, engineering, biotech etc.	engineering, software, firmware, app development, sustainability, fishing
Required timescales (if any) for Project Start and duration, and if applicable anticipated product launch date	Activity sought to commence ASAP. Projected product launch date of October/November 2022.
Optional - company budget available to match fund KEEP+ grant (if known) please see 'Further details' for maximum funding amounts	
Company Contact for further information	enquiries@sntech.co.uk
Required tender response date (10 working days from posting of advert)	02/08/2022
Criteria for Decision making	Assessment criteria are as follows ● Expertise fit ● Timing & availability fit

	• Geographically local preferable
Date for Contract Decision	Minimum of 10 working days from date of advertisement
Tender response templates	Please approach the company for the exact format of your response.