Title:	AGREE - Arm exoskeleton and Grip assistance for REhabilitation and indipEndent living

Pre-commercial tener in 3 phases

	Phase 1 *Solution Elaboration*	Phase 2 *Prototype Development And Validation*	Phase 3 *Experimentation*
Duration:	7 months	11 months	10 months
Date:	November 2018- May 2019	October 2019 – September 2020	TBD
Admissibile cost:	16.229,19€	33.651,92 €	TBD

Co-founder:	ARCA_ 2018_132_ Pre-commercial procurement for R&D services enabling the creation of a "Robotic exoskeleton for motor rehabilitation in neurological patients with upper limb motor deficit"
Partner:	POLITECNICO DI MILANO Ab.Acus, SAPRA ELETTRONICA SRL Stam S.r.l.,

Project description:
Tender to award of a pre-commercial contract, pursuant Art. 158 co.2 of d.lgs 50/2016, relating to the research and development service aimed to the realization of an "exoskeletal mechatronic system for the administration of therapy motor rehabilitation for neurological patients with motor disabilities of the upper limb ".
AGREE is a modular system composed of: 1) an exoskeleton with 6 degrees of freedom (DoF); 2) the sensors; 3) a grip assistance system; 4) interactive objects; 5) the Smart-Box which includes the control system and which will guarantee the overall functioning of the system in the different usage scenarios; 6) the cockpit module for interaction with the user and operators and database management. In the first section, this document presents the usage scenarios and the actors involved. In the second section, it presents the description of the proposed innovative solution and its functions and in the third and fourth sections it proposes the evaluation procedure for the different scenarios identified.

ARIA
AZIENDA REGIONALE PER L'INNOVAZIONE E GLI ACQUISTI

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ARIA S.p.A.

ARCA (ora ARIA)_2018_132 Appalto pre-commerciale per servizi di ricerca e sviluppo funzionali alla realizzazione di un "Sistema meccatronico esoscheletrico per la somministrazione di terapia motoria riabilitativa a pazienti neurologici con disabilità motoria dell'arto superiore"