

AMENDMENT REQUEST LETTER

Munich, 10-09-2018

European Commission
Communications Networks, Content and Technology
B-1049 Brussels
Belgium

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Dear Lucilla Sioli,

Subject:

Request for Amendment No. 7 to grant agreement No. 601116
Project title "ECHORD Plus Plus" – "European clearing House for Open Robotics Development Plus Plus"

With reference to the above mentioned grant agreement, I request on behalf of the consortium to modify the grant agreement as follows:

1. Addition of new deliverables – PDTI Healthcare Phase III, RIF Booster Programme, and Experiment Booster Programme

PDTI Phase III for the Healthcare Challenge will be carried out by the experiments ASSESSTRONIC (WP 24) and CLARC (WP 25). In order to integrate Phase III in the Annex I of the grant agreement, the deliverables specified in Table 1 are included.

Table 1 Additional deliverables for PDTI Phase III in Healthcare

Deliverable No.	Title	Due date E++	Due date PDTI	Due date Phase III
D24.9	Functional prototypes with all elements integrated [D, PU]	M61	M20	M5
D24.10	Scientific publication on automatic CGA assessment. Results based on a patient cohort [P, PU]	M63	M22	M7
D24.11	Report on first patient cohort for interacting with the system and required improvements [R, RE]	M63	M22	M7
D24.12	Report on the results of the dissemination activities [R, RE]	M64	M23	M8
D24.13	Business Plan, including market and risks analysis [R, RE]	M64	M23	M8
D25.7	User Manual [R, RE]	M61	M20	M5
D25.8	Technical Manual [R, RE]	M61	M20	M5
D25.9	Evaluation results [R+O, RE]	M64	M23	M8
D25.10	Dissemination plan [R, RE]	M64	M23	M8
D25.11	Business Plan [R, RE]	M64	M23	M8

Based on the resources available and on the cost of the Experiment Booster activities proposed and examined by TUM, an additional Booster programme was awarded to the experiment LINArm++ (WP 15, run by beneficiary no. 21, Consiglio Nazionale delle Ricerche). The deliverable added to Annex I and the budget reserved for the programme are specified in Table 2 and Table 4 respectively.

Table 2 Additional deliverable for Experiment Booster Programme

Deliverable no.	Deliverable title	Due date
D15.10	Business strategy overview – LINArm++ [R, RE]	M64

2. Modification of existing deliverables

Due to the modification of the project duration from M60 to M64 (Request for Amendment No.5), the due dates for deliverables D3.5.6, D3.6.2, D4.4.4, D4.6, D5.5, D6.2.4, and D6.3 are updated as reported in Table 3.

Table 3 New due dates for selected deliverables

Deliverable no.	Deliverable title	Current due date	New due date
D3.5.6	6th six-monthly report on experiment progress and on reviews	M55	M60
D3.6.2	Final report on the outcome of the experiments	M58	M60
D4.4.4	Report 4 on the outcome of the individual RIFs	M58	M60
D4.6	Final report on the RIF concept	M60	M64
D5.5	Phase I - Design Phase: Selection of the two winning teams	M30	M54

D6.2.4	4th Annual White paper on the structured dialogue	M60	M62
D6.3	The final R&D publication (book and industry-oriented)	M60	M62

3. Budget changes implemented

A total amount of 768,662 € (EU contribution) is shifted from TUM's budget to the beneficiaries listed in Table 4.

Table 4 Budget shifted from TUM's budget to different partners

Beneficiary	EU contribution	Description
Accel (participant no. 57)	235,200 €	PDTI Phase III (experiment: ASSESSTRONIC)
Sorbonne Université (participant no. 58)	114,900 €	PDTI Phase III (experiment: ASSESSTRONIC)
Servicio Andaluz de Salud (participant no. 59)	67,200 €	PDTI Phase III (experiment: CLARC)
Universidad de Malaga (participant no. 61)	64,080 €	PDTI Phase III (experiment: CLARC)
Universidad Carlos III de Madrid (participant no. 62)	53,929 €	PDTI Phase III (experiment: CLARC)
MetraLabs GmbH Neue Technologien und Systeme (participant no. 68)	104,320 €	PDTI Phase III (experiment: CLARC)
Universite de Technologie de Troyes (participant no. 110)	52,500 €	PDTI Phase III (experiment: CLARC)
Consiglio Nazionale delle Ricerche (participant no. 21)	57,303 €	Participation in the Experiment Booster, included in Annex I with Amendment 5 as a measure to enhance the impact of E++
Blue Ocean Robotics ApS (participant no. 06)	76,534 €	Increase of budget for personnel costs (8 PM) and other direct costs in order to monitor the consortia during Phase III of Healthcare PDTI challenge.

Within TUM's budget, the amount of 226,625 € (EU contribution) is reserved for the financing of the pre-specified additional activities to strengthen the impact of the ECHORD++ project, as listed in Table 5. The overall amount of 18,000 € (EU contribution) is shifted from the beneficiary Universitat Politecnica de Catalunya (participant no. 04) to TUM's budget, in order to partially cover the subcontracting costs foreseen for the participation to MEDICA 2018.

Table 5 Detail of TUM's budget dedicated to impact enhancement

Activity financed	Activity Type	Subcontracting	EU contribution
RIF Booster Programme	OTHER	Yes	40,360 €
Healthcare Booster	OTHER (Other Direct Costs and Subcontracting)	Yes	10,100 €
Video automatica18	OTHER	Yes	4,165 €
MEDICA 2018	OTHER (Other Direct Costs and Subcontracting)	Yes	48,000 €
Event at EU Parliament	OTHER (Other Direct Costs and Subcontracting)	Yes	94,000 €
Booklet "Success stories"	OTHER	Yes	30,000 €

Within the budget of the beneficiary Universitat Politecnica de Catalunya (participant no. 04), the amount of 66,555 € (EU contribution) is shifted from "Subcontracting" and "Other Direct Costs" to

“Personnel Costs”, corresponding to an increase of 6.5 person-months devoted to the activities within WP 6, as summarised in Table 6.

Table 6 Update of budgeted effort for UPC

WP	Task	Effort currently budgeted (PMs)	Update effort budgeted (PMs)
WP 6	T6.1	2	2
	T6.2	3	5.5
	T6.3	16	20
	T6.4	11	11
Effort Budgeted for WP 6		32	38.5
Total Effort Budgeted		57	63.5

4. Introduction and Implementation of the RIF Booster Programme

The RIF Booster instrument is introduced with this request of amendment and is implemented in the Annex I dated 14-08-2018 in section 1.2.2.4. Based on the resources available and on the offers received to implement the activities summarised in the briefing document (see Annex II to this request), the programme submitted by WIDE Idea Development AB was selected. The programme will see the three RIFs – i.e. RIF in Pisa and in Peccioli (WP 4, run by beneficiary no. 2, Scuola Superiore di Studi Universitari e di Perfezionamento Sant'Anna), RIF in Bristol (WP 4, beneficiary no. 3, University of the West Of England, Bristol), and RIF in Gif-sur-Yvette (WP 4, run by beneficiary no. 5, Commissariat à l'Energie Atomique et aux Energies Alternatives) – working towards self-sustainability after the end of E++ for a period of eight months (M57-M64) with the support of a selected external consultancy firm. The budget reserved for this activity is specified in Table 5.

5. Beneficiary replacement

The rights and obligations of beneficiary no. 12 Fundacio Privada Sant Antoni Abat (PIC 996234815) – which joined the consortium through amendment no. 2 as one of the public bodies involved in the Healthcare Challenge of PDTI – are transferred through a Universal Transfer of Rights and Obligations (UTRO) to the organisation Consorci Sanitari del Garraf (PIC 916810536).

6. Modification of Annex I - Description of Work

The Annex I - Description of Work is modified. The revised Part A.3 (Overall budget breakdown), WT2 (List of Deliverables), WT3 (Work package description), Part B.1 (Scientific and/or technical quality) and Part B.2 (Implementation) of Annex I dated 14-08-2018 attached to this letter replace any former version. All other provisions of the Grant Agreement and its annexes shall remain unchanged.

All separate requests, including, but not limited to, the ones regarding the implementation of the experiments can be approved independently. The respective modifications of this Amendment Request shall take effect from June 1st, 2018.

Yours sincerely,

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For the coordinator on behalf of all beneficiaries, done in Munich

Name of the legal entity:

Technische Universität München, Arcisstrasse 21, 80333 Munich, Germany

Name of legal representative:

Stamp of the organisation (if applicable):

Signature of legal representative:

Date: