

SUBCONTRACT

Between:

The Prime Contractor of the European Space Agency (hereinafter called ESA) Contract number 4000143413/23/I-EB (signed on 16 January 2024), related to the proposal “Swarm-VIP-Dynamic” (hereinafter called “Project”):

the University of Oslo, Department of Physics, whose registered Office is at:

Postboks 1048 Blindern
0316 Oslo
Norway

VAT Number: 971 035 854
ESA-P/ESA-STAR Entity Code: 1 000 012 322

represented by: Administrative Head: Lars Bernhardsen

(hereinafter called “UiO”)

of the one part, and:

Institute of Atmospheric Physics of the Czech Academy of Sciences (IAP), whose registered Office is at:

Boční II 1401
141 00, Praha 4 - Spořilov

VAT Number: CZ68378289
ESA-P/ESA-STAR Entity Code: 1000002304

represented by: prof. Radan Huth, director

(hereinafter called “Partner” or “IAP”)

of the other part,

the following has been agreed:

1 Applicable Documents

- [AD-1] ESA Contract No. 4000143413/23/I-EB with UiO, ESA Solid Magnetic Science Cluster – Research Opportunities: 4Dlonosphere, Theme 2, and references therein.
- [AD-2] Proposal “Swarm Space Weather: Variability, Irregularities, and Predictive capabilities for the Dynamic ionosphere” (Swarm-VIP-Dynamic), Reference: Swarm-VIP-Dynamic-1-2023, dated 28/09/2023, not attached hereto but known to both Parties.
- [AD-3] Contractor’s response negotiation letter ref Swarm-VIP-Dynamic-2-2023, not attached hereto but known to both Parties. Any agreement on exchange rates shall not set a precedent for future contracts between the Parties;
- [AD-4] General Clauses and Conditions for ESA Contracts, ref. ESA/REG/002.

2 Subject of the Subcontract

The UiO confirms the signature of the ESA contract no. 4000143413/23/I-EB **Error! Reference source not found.** with the title “Swarm+ 4Dlonosphere”, in which IAP is a partner and co-author of the proposal “Swarm Space Weather: Variability, Irregularities, and Predictive capabilities for the Dynamic ionosphere” (Swarm-VIP-Dynamic) [AD-2]. The Partner agrees to undertake the necessary activities for the work packages, including the required deliverables, as stated in the project proposal 0, not attached hereto but known to both parties, in the timeframe of the project: 02 February 2024 - 02 February 2026 (24 months).

This subcontract is to enable the staff named in the original proposal to undertake the work specified in the original proposal [AD-2] and later commented on in [AD-3]. This is detailed within the PSS forms of the financial proposal [AD-2]. The funding for travels specified within the PSS forms of the financial proposal is for meetings which are to include the managers of each of the work packages or persons delegated by them. The work package managers are specified in the implementation proposal part of Swarm-VIP-Dynamic [AD-2].

The Partner confirms the availability of the key persons as stated in the Project. Any change of key personnel shall be agreed with ESA and UiO. The work of the Partner shall be performed in accordance with the ESA contract with ref no. 4000143413/23/I-EB and its appendices and the General Clauses and Conditions for ESA contracts. These documents are fully applicable to the Partner. The milestone payments to the Partner will be done by UiO in follow-up on the milestone payments by ESA to the prime contractor, according to the ESA contract with ref no. 4000143413/23/I-EB. Invoices can be sent after notification by UiO that according to ESA the applicable milestone has been passed successfully.

3 Price and Payment

3.1 Price

The total price of this Subcontract amounts to: **24 536,00 Euro**.

Company Name	ESA Vendor Code	Country (ISO Code)	Total Price in Euro
Institute of Atmospheric Physics of the Czech Academy of Sciences (IAP)	1000002304	Czech Republic (CZ)	24 536,00

The price of this Subcontract is stated to be a firm fixed price as defined in Clause 2.1 of the General Conditions for ESA Contracts [AD-2].

The above amount shall be paid in Euro according to:

Milestone	Description	Schedule	Payments from UiO to Subcontractor in Euro
Adv-Pay	Advance payment upon signature of the contract by both parties	Upon signature of the subcontract	4 907,00
MS-1	Upon successful completion of WP 1 and 2 and well as upon successful review of deliverable of WP3 V1.	02 November 2024	10 000,00
MS-2	Upon successful completion of WP3 and successful review and acceptance of all related deliverable items	02 May 2025	7 320,00
MS-3	Upon the Agency's acceptance of all deliverable items due under the Contract and the Contractor's fulfilment of all other contractual obligations including submission of the signed Contract Closure Documentation.	02 February 2026	2 309,00
Total			24 536,00

This table is based on the Contract **Error! Reference source not found.** and proposal [AD-2], adjusted for the Advance Payment.

3.2 Payment

Invoices from the Partner should be sent directly to UiO **upon UiO authorization that the stage in work for which the payment is required has been reached**. UiO makes the payment directly to Partner within thirty (30) calendar days after reception of a valid invoice from the Partner, provided that the authorisation for the payment has been reached, but no later than 10 calendar days after UiO has received from ESA the corresponding payment.

[SIGNATURES FOLLOW ON SEPARATE PAGE]

4 Signatures

On behalf of UiO

Place and Date: 17.4.2024

Lars Bernhardsen
Administrative Head

On behalf of IAP

Place and Date: 23.4.2024

prof. Radan Huth, director