

Contract-Change-Notice (CCN) 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"), and the corresponding Contract Change Notice No. 1 / Swarm VIP-Dynamic CCN_F dated 24 March 2025 and signed by both parties on 25 March 2025:

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

Postboks 1048 Blindern
0316 Oslo
Norway
VAT Number: 971035 854
ESA-P/ESA-STAR Entity Code: 1 000 012 322

represented by: Administrativě 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
Czech Republic
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.
- [AD-5] Contract Change Notice No. 1 / Swarm VIP-Dynamic CCN_F to the contract no. 4000143413/23/I-EB

2 Subject of the Subcontract

UiO confirms the signature of the ESA contract no. 4000143413/23/I-EB [AD-1] with the title "Swarm+ 4Dlonosphere" of the proposal "Swarm Space Weather: Variability, Irregularities, and Predictive capabilities for the Dynamic ionosphere" (Swarm-VIP-Dynamic) [AD-2], as well as the signature of the Contract Change Notice No. 1 / Swarm VIP-Dynamic CCN_F 2 [AD-5], in which IAP is a subcontractor. The Partner agrees to undertake the necessary activities for the work packages, including the required deliverables, as stated in the project proposal [AD-5], not attached hereto but known to both parties, in the timeframe of the project: 01 April 2025 (Kick-off meeting) - 31 March 2026 (12 months from the Kick-off meeting).

This subcontract is to enable the staff of IAP to undertake the work specified in the Contract Change Notice No. 1 [AD-5]. This is detailed within the description presented in the Annex A [AD-5].

The Partner confirms the availability of the key persons as stated in [AD-5]. 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 related Contract Change Notice No. 1 and their 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 Contract Change Notice No. 1 to 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: **7 000,00 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)	7 000,00

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-4].

The above amount shall be paid in Euro according to the Milestone Payment Plan:

Milestone	Description	Schedule	Payments from UiO to Subcontractor in Euro
CCN 01- MSI	Final settlement (CCN 01 - MSI): Upon the Agency's acceptance of all deliverable items due under the CCN 01 and the Contractor's fulfilment of all other contractual obligations under CCN 01.	KO+12	7 000,00
Total			7 000,00

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

12.2.2026, Oslo

Lars Bernhardsen
Administrative Head

On behalf of IAP

13.2.2026, Prague

Prof. Radan Huth,
Director