**Addendum No. 1 to the Purchase contract concluded on 27th July 2019**

1. **Fyzikální ústav AV ČR, v. v. i.,**

**(Institute of Physics of the Academy of Sciences of the Czech Republic, a public research institution),**

with its registered office at: Na Slovance 2, Praha 8, PSČ: 182 21,

registration no.: 68378271,

represented by: RNDr. Michael Prouza, PhD. – director

(“**Buyer**”); and

1. **Hermetic Sealing Srl**

with its registered office at: Via San Quintino 40 – 10121 Torino (TO) - Italy

registration no.: REA 1217903

represented by: Roberto Cometti, Managing Director

 (“**Seller**”).

(The Buyer and the Seller are hereinafter jointly referred to as “**Parties**” and individually as “**Party**”.)

**it was agreed as follows:**

# FUNDAMENTAL provisions

1. On 23 July 2019 the Contractual Parties have concluded the purchase contract on the basis that the Seller assemble and deliver to the Buyer the power transmission line for Thomson Parabola Spectrometer.
2. By this addendum the Contractual parties agree to make below mentioned changes to the Contract (i. a. additional insulators to the Object of Purchase).
3. Under this Addendum the Seller shall assemble, manufacture, deliver, test, clean and pack the additional insulators to the Object of Purchase as decribed and specified in integral *Annex 1 (Technical Specification)* and *Annex 2 (Price sheet)*.

# THe place of delivery

## The place of delivery is at the address: Fyzikální ústav AV ČR v.v.i/ ELI-Beamlines, Průmyslová 836, 252 41 Dolní Břežany, Czech Republic or any other address in Dolní Břežany, Czech Republic, which the Buyer communicated to the Seller prior to the delivery of the Object of Purchase.

# the time of delivery

##  The contractor should assemble, manufacture, deliver, test, clean and pack the additional insulators to the Object of Purchase at latest within of Phasing No. 3 and 4. according to Annex No. 2 of the Contract and the Addendum.

# price and payment terms

## The purchase price for additional insulators to the Object of Purchase is stated Annex 2 – (*Purchase Price sheet).*

# Final provisions

1. Other provisions of the Contract remain by this Addendum No. 1 unchanged.
2. This Addendum has its Annex No. 1 – Technical Specification and Annex No. 2 – Price sheet.

## This Addendum is executed in four (4) counterparts and every Party shall receive two (2) counterparts.

## This Addendum shall become valid on the date of the signature of both Parties and affective on the day of its publication in the register of contracts according to the respective legal regulation.

**in witness whereof** attached Parties their handwritten signatures:

**Buyer**

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| --- |
| Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Name: RNDr. Michael Prouza, PhD. |
| Position: directorDate:  |

**Seller**

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| Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Name: Peter Bannert  |
| Position: Product & Sales ManagerDate:  |
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**Annex 1**

**technical specification – RSD**

* **SPEC-1    100 kV feedthrough plastic insulator cap to be fixed to the CF100 flange Qty2**

These caps are necessary to ensure safe operation of high voltage feedthrough and power supplies. The will protect the electric junction between the feedthrough and the cable that brings the high voltage from the power supply to the electrodes against any accidental contact with external items.

* **SPEC-2 Custom Peek insulation rod for feedthrough conductor**

As described in the RSD, there are four metallic rod used to energize each electrodes. These rods are inside vacuum pipes which will be grounded with the chamber. The voltage could be very high and these insulators will prevent accidental discharge with the vacuum vessel as the metallic rod will be inside the PEEK material (PEEK is an extremely good insulator). These insulator will be also a protection in case of contact between chamber and external object

* **SPEC-3 Custom Zelamit conductor support**

Some electric tests will be done inside a bigger vacuum chamber. ELI is responsible for these tests. These tests will require the use of different extension rods (described in RSD, req-026672/A)  which are considerably wrong. To avoid any stress on the high voltage feedthroughs that might cause irreversible damages these support will be used to hold the rods and prevent unwanted mechanical stress on the feedthroughs