



NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT
IN ELECTRICAL ENGINEERING ICPE-CA

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Cod Fiscal R 13827850
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**TENDER BOOK FOR
LABORATORY IRRADIATOR**

**Approved
GENERAL MANAGER
Prof. Dr. Wilhelm Kappel**

LEGAL BASIS

The acquisition is based on the following normative acts:

- Government Emergency Ordinance (GEO) no. 34 / April 19, 2006, published on the Official Journal of Romania, no. 418 / May 15, 2006;
- Government Decision no. 925 / July 19, 2006 published on the Official Journal of Romania no. 625 / July 20, 2006;
- Law no. 337 / July 17, 2006
- Government Decision no. 1337 / September 27, 2006

OBJECT OF THE SELECTION TENDERING

Main CPV code: 38970000-5

Supplementary CPV codes: 51430000-5 – Laboratory equipment instalation
79633000-0 - Training

A. TENDER ELIGIBILITY CRITERIA

Eligibility requirements for this tender book are **minimal, mandatory** and **eliminary**. Offers that **do not meet** these requirements are declared **nonconforming** (Art. 36 (2) of the GD 925/2006).

A1. AREA OF APPLICATION

The equipment „*LABORATORY IRRADIATOR*” is intended for scientific research and small scale irradiation related to the irradiation processing of polymeric materials in order to obtain new materials or to establish ecological, advanced and high efficient technologies for structural and composition modifications of materials: composite and nanocomposite materials and other types of materials.

A2. MINIMUM TECHNICAL CHARACTERISTICS

No	Technical characteristics
1.	Self-contained dry irradiator category I
2.	Source: Co-60
3.	Source activity: 5000 Ci (185 TBq)
4.	Dose rate: minimum 2500 Gy/h (without attenuator)
5.	Attenuator units
6.	Rotating canister: irradiation volume - minimum 4.7 L
7.	External dose rate: < 50 µSv/h at 5 cm
8.	Temperature control into the irradiation chamber
9.	Computerized calculations of irradiation dose and termination of irradiation based on time
10.	Battery to ensure the irradiation cycle in case of a power failure

A3. PAYMENT CONDITIONS AGREED BY INC DIE ICPE-CA

- **up to 20 %** - within 15 days after signing the contract if the provider presents a letter of bank guarantee for the equivalent amount;

- **difference up to 100%** - within 30 days from the installation, staff training at the beneficiary site and the signature of the qualitative acceptance report at ICPE-CA

A4. CONDITIONS FOR DELIVERY

A4.1 Transport and insurance during transportation

CIP: BUCHAREST.

The transport of the equipment and insurance during transportation to the destination are borne by the supplier, this being responsible for the quality of delivered products.

Delivery is made within **six months** after the receipt of firm order and signing of the contract.

A4.2 Accompanying documents:

Documents submitted by the contractor to accompany the supplied products (original, signed and stamped by the supplier, if applicable):

- Invoice (2 copies);
- Notice accompanying of the product;
- Quality certificate and certificate of conformity for the supplied equipment;
- Warranty;
- Packing list;
- Transport documents specifying the delivery terms to the beneficiary, the name and the address of the beneficiary.

A5. WARRANTY

A5.1 Warranty period

18 months from the date of the commissioning of the equipment.

A5.2 Service during warranty period

Intervention within 72 hours after the alert of the event. Warranty service of equipment and parts that will fail will be replaced **free of charge**.

A5.3 Letter of guarantee from the producer to ICPE-CA regarding to the provided equipment, showing that the product is new, is not a demo product and it was not denied by another client or rebuilt.

A6. TRAINING

The supplier shall ensure the training of staff for a minimum of two persons, at the time of equipment installation, by authorized personnel. Staff training time period will be a minimum of **2 days**.

A7. OFFER TIME PERIOD OF VALIDITY

90 days after the deadline for submission of the offers.

A8. TECHNICAL SPECIFICATION FROM PRODUCER

All the technical features, included in this tender book, will be sustained through catalog data sheets, brochures, specification delivery, detailed product specification and technical notes issued by the manufacturer. If the technical features are not found in these documents, they can be sustained with operating and service manuals issued by the manufacturer.

These documents can be presented in Romanian or English.

B. FINANCING SOURCE

The financing source of the contract which will be attributed is: Project POS CCE PROMETEU, contract no. 629/2014, ID 1830, cod SMIS 49140

C. ESTIMATED VALUE OF THE CONTRACT

160.000 EUR, without VAT

D. THE CRITERION UPON WHICH THE PUBLIC CONTRACT IS ATTRIBUTED

Lowest price

Date: 02.09.2014

Chim. Marius LUNGULESCU

Dr. Chim. Traian ZAHARESCU