



**NOTICE FOR MANIFESTATION OF INTEREST BY ECONOMIC OPERATORS TO PARTICIPATE IN NEGOTIATED PROCEDURE, WITHOUT PRIOR PUBLICATION OF CALL FOR TENDERS, FOR THE CONCLUSION OF A CONTRACT CONCERNING THE SUPPLY AND LAYING OF 3 MACHINERY FOR THE CONSTRUCTION OF A FIRE BEHAVIOR STUDY LABORATORY**

Given that:

- 1) The Regional Law n. 3/2013 "Regional financial law for 2013", provides for the implementation of interventions for local economic development in the area of the Province of Rovigo aimed at strengthening the economic and productive fabric and increasing the attractiveness of the territory for investments and infrastructure development;
- 2) The Chamber of Commerce of Venice Rovigo, with a note presented to the Veneto Region on 11.2.2020, in order to access a regional contribution pursuant to art. 25, paragraph 2 bis of Regional Law no. 3/2013, presented a feasibility project called "Development of the offer of new services for innovation on a European scale in the territory: Fire Behavior Study Laboratory";
- 3) This Laboratory, to be carried out at the Cen.ser Area of Rovigo in V.le Porta Adige, n. 45, is intended, also in collaboration with universities, public and private research bodies / organizations, for research purposes also applied to verify, through the use of test furnaces, the experimental fire conditions to which to subject artifacts, structures or building portions, in order to establish their duration in terms of fire resistance;
- 4) The regional council, with resolution no. 460 of 14.4.2020, against a cost estimate drawn up by the Chamber of Commerce of Venice Rovigo of € 1,000,000.00 for the purchase of the machinery necessary for the Laboratory, authorized the granting of a maximum non-repayable grant of € 500,000.00 in favor of the Chamber of Commerce;
- 5) With determination of the Secretary General FF n. 25 of 3 March 2021, the outcome of the public tender procedure was approved, which identified T2I scarl with headquarters in Treviso, Piazza delle Istituzioni 34 / a, the subject with whom the loan agreement was stipulated concerning the instrumentation for the realization of a fire behavior study laboratory;
- 6) The main activity of the Laboratory will consist in creating, by means of test equipment, "Experimental Fire Conditions" to be subjected to artifacts, structures or building portions, in order to establish their behavior to the Propagation of Fire and the Release of Heat, Production of Smoke, Mass Loss Rate.

**MAKES KNOWN**

that this Administration, for the reasons in the introduction, intends to initiate a market survey in compliance with the principles of free competition, equal treatment, non-discrimination and transparency in order to identify economic operators to be invited to the procedure without prior publication of the notice for the assignment, pursuant to and by effect of art. 63,



**Chamber of Commerce, Industry, Crafts and Agriculture of Venice Rovigo**

Provveditorato Service - Area 2

tel. +39 041.2576 684/680 - 041.786 242; 041.786 111 (switchboard)

e-mail: [isprovider@dl.camcom.it](mailto:isprovider@dl.camcom.it)

PEC [cciaa@legalmail.it](mailto:cciaa@legalmail.it) - Website [www.dl.camcom.gov.it](http://www.dl.camcom.gov.it)

Registered office: via Forte Marghera, 151 - 30173 Venezia Mestre (VE)

CF and VAT number 04303000279- Office Unique Code - PA invoice: UFW14Q



paragraph 3 letter. a) of Legislative Decree 50/2016 and subsequent amendments, Code of Contracts, of the supply with a single lot of n. 3 machines described below for setting up the "Fire Behavior Study Laboratory".

With this notice, no awarding or competition procedure has been launched and, consequently, there are no rankings, attribution of scores or other classifications of merit. Expressions of interest have the sole purpose of communicating to the Administration the willingness to be invited to submit an offer, with a pre-selection function with respect to the subsequent phase of the procedure. This expression of interest does not bind the Chamber of Commerce of Venice Rovigo in any way, and the same reserves the right to proceed or not, at its sole discretion, to the subsequent stages of the procedure. The Chamber of Commerce of Venice Rovigo reserves the right to send an invitation to submit an offer, even in the case of receipt of only one expression of interest as long as it is valid and suitable.

This Notice is published on the institutional website of the Chamber of Commerce of Venice Rovigo <https://www.dl.camcom.it>, under section "OPEN NOTICES (active) / EXPRESSION OF INTEREST FOR THE SUPPLY OF 3 MACHINES FOR THE CREATION OF THE FIRE BEHAVIOR STUDY LABORATORY.

### **1) SUBJECT OF THE CONTRACT:**

This notice is aimed at collecting expressions of interest concerning the supply with a single lot of no. 3 machines listed below:

<b>N.1 Outdoor fire exposure test machine on roofs (CEN / TS 1187)</b>
<b>The machine allows you to test the performance of roofs on exposure to external fire type 3: method with burning marks, wind and additional radiant heat.</b>
<b>The following characteristics are required:</b> <ul style="list-style-type: none"><li>– Radiant panel, calibration table and specimen holder frame</li><li>– Inlet air supply system consisting of blower and controller capable of applying variable air flow across the surface of the calibration element at a temperature of <math>20^{\circ}\text{C} \pm 10^{\circ}\text{C}</math></li><li>– Anemometer to measure the air flow with an accuracy of at least <math>0.1\text{ m/s}</math></li><li>– Outlet nozzle with deflectors and flow levelers to avoid the vorticity of the flow pattern</li><li>– Radiant panel, consisting of four individual gas radiators, mounted on a plane parallel to the surface of the calibration element and at a distance of <math>500 \pm 20\text{ mm}</math> above it.</li><li>– Separate mass flow regulators for gas and air for each radiator so that the radiant panel is able to provide a total distribution of the heat flow on the surface of the calibration element, with wind, of <math>12.5 \pm 0.5\text{ kW/m}^2</math>.</li><li>– Mass flow controllers, instrumentation for ignition and flame detection, solenoid valves and backfire arresters. The maximum gas flow rate (<math>\text{mg/s}</math>) must be digitally controlled</li><li>– Calcium silicate calibration element</li><li>– Heat flow meter</li><li>– Sample holder</li></ul>

<b>N. 1 Room Corner Test - (ISO 9705)</b>
<b>The machine for "ROOM CORNER TEST" allows the measurement of the heat release obtained by sampling the combustion products from the combustion chamber exhaust duct and calculating the heat release rates from the mass flow rates and from the depletion of the measured oxygen in the products of combustion (according to ISO 9705). Smoke and</b>



**other combustion products can also be conveniently measured in the same process.**

**The machine must consist of the following components:**

**SENSOR AND PROBE DUCT SECTION**

A section of flanged stainless steel conduit approximately in size 0.4m in diameter by 0.762m in length fitted to the flanges produced on the exhaust system. The duct will contain ports for:

- Line sampler for fume extraction (for gas analysis)
- Smoke blackout system
- Mass flow monitoring
- Thermocouple for measuring the temperature of the exhaust gases
- Thermocouple for measuring the gas temperature in the smoke measuring position

Equipment for mass flow monitoring should also be included including:

- Bidirectional probe, differential pressure transducer and thermocouple

**DATA ACQUISITION AND ANALYSIS SOFTWARE**

The signals must be collected using a Data Logger. A Windows-based software package should allow for simple data acquisition and analysis to determine the various parameters required for determining heat release.

The system must include:

- Data Logger with memory that must be configurable to keep data even after the power has been removed, so that the data can be uploaded to a PC at a later time.
- Software

**BURNER IGNITION / CALIBRATION AND CONTROL UNIT**

Burner built according to ISO 9705 complete with gas train. A mass flow controller with digital display that controls the flow of gas.

- Gas controls include a self-ignition unit.

**WEIGHING SYSTEM**

**TROLLEY FOR ISO 9705 CHAMBER**

**PLATFORM FOR INSTRUMENTED DUCT SECTION ISO 9705**

**SMOKE DENSITY PHOTOMETRIC SYSTEM DIN 50055**

**ANEMOMETER AND POSITIONING SYSTEM**

**EXTRACTION SYSTEM**

**SHOPPING CART**

**No. 1 Calorimetric cone - (ISO 5660 and ASTM E1354)**

**Calorimetric cone that allows you to measure directly**

- Heat release rate
- Ignition time
- Mass loss rates
- Smoke release rates
- Effective heat of combustion
- Rate of release of toxic gases (e.g. carbon oxides)

The machine must consist of the following components:

Conical heater

Temperature regulator

Heat shield



**Chamber of Commerce, Industry, Crafts and Agriculture of Venice Rovigo**

Provveditorato Service - Area 2

tel. +39 041.2576 684/680 - 041.786 242; 041.786 111 (switchboard)

e-mail: [isprovider@dl.camcom.it](mailto:isprovider@dl.camcom.it)

[PECciaadl@legalmail.it](mailto:PECciaadl@legalmail.it) - Website [www.dl.camcom.gov.it](http://www.dl.camcom.gov.it)

Registered office: via Forte Marghera, 151 - 30173 Venezia Mestre (VE)

CF and VAT number 04303000279- Office Unique Code - PA invoice: UFW14Q



Spark ignition

Calibration burner

Heat flow meter

Sample holder

Spacers for samples

Load cell

Protective glass screen

Exhaust system

Gas sampling

Smoke blackout

Instruments for flue gas analysis

Removable instrument rack "with docking panel and wheels for easy repositioning

Oxygen analyzer

Carbon dioxide and carbon monoxide analyzer

Data acquisition

Software

Easy-to-use Windows-based user interface with button actions and data entry fields and capable of:

- Instrument control and instrument status display
- Calibration of instrumentation for gas analysis and archiving of calibration results
- C-factor calibration using the mass flow controller
- C-factor calibration via pool fire routine (ethanol)
- Collection of data generated during a test
- Calculation of the required parameters
- Average of multiple tests
- Presentation of results in accordance with ISO 5660-1 and 2, ASTM E1354
- Export of calculated data to CSV files (comma separated variables) for quick transfer to spreadsheets.

Complete cone with analysis of oxygen (0-25%), carbon dioxide (0-10%) and carbon monoxide (0-1%)

Spare sample holder

Spare flow meter assembly

Load cell

Software for the forecast determination of classification parameters for HRR with SBI and ISO 9705.

## **2) AUCTION BASE**

The Auction Base, the total amount of the supply and installation, and the charges included in the contract amounts to € 505,000.00 plus VAT at 22%.

## **3) DESCRIPTION OF THE SUPPLY AND RELATED CONDITIONS OF PERFORMANCE.**

The supply includes transport, unloading, on-site positioning, state-of-the-art assembly, testing and the connections necessary for the machines to function as well as training in their use.

## **4) SUBJECTS ENTITLED TO EXPRESS INTEREST**



**Chamber of Commerce, Industry, Crafts and Agriculture of Venice Rovigo**

Provveditorato Service - Area 2

tel. +39 041.2576 684/680 - 041.786 242; 041.786 111 (switchboard)

e-mail: [isprovider@dl.camcom.it](mailto:isprovider@dl.camcom.it)

[PECciaadl@legalmail.it](mailto:PECciaadl@legalmail.it) - Website [www.dl.camcom.gov.it](http://www.dl.camcom.gov.it)

Registered office: via Forte Marghera, 151 - 30173 Venezia Mestre (VE)

CF and VAT number 04303000279- Office Unique Code - PA invoice: UFW14Q



All the subjects indicated are eligible to participate, provided they meet the requirements indicated in this document in article 45, co. 2, of the Legislative Decree 50/2016 and subsequent amendments, Code of Contracts, provided they possess the following requirements and skills:

- 1) **general requirements:** inexistence of the reasons for exclusion pursuant to art. 80 of the Code of Contracts;
- 2) **professional suitability requirements:** registration in the Business Register at the Chamber of Commerce, Industry, Crafts and Agriculture (CCIAA) of the province in which it is based, for activities consistent with those object of the supply for which interest is expressed or in the case of a citizen from another Member State not resident in Italy, proof of registration is required, according to the procedures in force in the State of residence, in one of the professional or commercial registers referred to in [annex XVI](#) of the Code of Contracts, by sworn declaration or according to the procedures in force in the Member State in which it is established or by attesting, under its own responsibility, that the certificate produced has been issued by one of the professional or commercial registers established in the country in which it is resident ;
- 3) **economic-financial capacity requirements:** The competitor must have at least one bank reference issued by a banking institution certifying the financial capacity and solidity of the company, and that the same has always met its commitments with regularity and punctuality;
- 4) **professional technical ability:** The participant must have carried out at least one supply and installation similar to that covered by this announcement in the last 10 years.

#### **5) METHODS AND CRITERIA FOR CHOOSING CANDIDATES**

For the supply in a single lot, the identification of the group of economic operators who will be invited to submit their offers will be carried out by the RUP which, on the basis of the documentation contained in the applications submitted for this equipment, will proceed to verify its formal correctness and possession. the requirements of this notice for candidates.

It should be noted that the invitation to submit an offer will be sent to all operators who meet the requirements indicated in the previous article. The selected candidates will be invited simultaneously and in writing, according to the procedures indicated in the invitation letter, to submit their respective offers.

For the single supply lot, we will proceed as described above even in the presence of only one expression of interest received within the deadline set out in this notice.

The RUP reserves the right not to proceed with the award of the contract if no offer is convenient or suitable in relation to the subject of the contract.

#### **6) METHOD OF PRESENTATION OF THE EXPRESSION OF INTEREST**

Interested parties must send to this Administration by PEC at the address [cciaadi@legalmail.it](mailto:cciaadi@legalmail.it) or by e-mail to the address [proveditorato@dl.camcom.it](mailto:proveditorato@dl.camcom.it) the expression of interest **by 12.00 on 01/07/2021**, accompanied by the following documents:

- 1) Expression of interest including Declaration of possession of the requisites referred to in art. 4, drawn up using the facsimile attached to this notice (Attachment 1);

The application must be sent through an e-mail address of the candidate and must include the following wording in the subject: "MANIFESTATION OF PUBLIC INTEREST FOR THE SUPPLY AND INSTALLATION OF 3 MACHINES FOR THE CREATION OF A BEHAVIOR STUDY LABORATORY FIRE ", followed by the surname and first name.

The sending of the application is at the total and exclusive risk of the sender and any responsibility of the Administration is excluded if, for any reason, the application does not



reach the destination address by the deadline. **The deadline for submitting the application is peremptory and the date and time of the message indicated by the e-mail system will prevail.**

#### **7) TREATMENT OF PERSONAL DATA**

The personal data required for participation in this Notice will be processed exclusively for the purposes related to the completion of the procedure to which they refer and in compliance with the obligations established by the relevant legislation and in particular the Code approved with Legislative Decree 30.06.2003 , no. 196 and subsequent amendments and by the GDPR European Regulation 2016/679. The provision of data is a necessary prerequisite for participation in the procedure in question. The treatments are carried out by the natural persons authorized to carry out the relative procedure. The personal data being processed may be disclosed to third parties, public and private, in compliance with legal, regulatory and / or contractual obligations. The interested party may exercise the rights provided for in Chapter III of EU Regulation 2016/679 and in particular the right to access their personal data, to request their rectification, limitation or cancellation as well as to oppose their treatment, without prejudice to the existence of legitimate reasons on the part of the Data Controller. Based on the provisions of art. 77 of EU Regulation 2016/679, in the event of alleged violations of the Regulation itself, the interested party can propose a possible complaint to the Italian Supervisory Authority - Guarantor for the protection of personal data, without prejudice to any other form of administrative or judicial appeal. without prejudice to the existence of legitimate reasons on the part of the Data Controller. Based on the provisions of art. 77 of EU Regulation 2016/679, in the event of alleged violations of the Regulation itself, the interested party can propose a possible complaint to the Italian Supervisory Authority - Guarantor for the protection of personal data, without prejudice to any other form of administrative or judicial appeal. without prejudice to the existence of legitimate reasons on the part of the Data Controller. Based on the provisions of art. 77 of EU Regulation 2016/679, in the event of alleged violations of the Regulation itself, the interested party may propose a possible complaint to the Italian Supervisory Authority - Guarantor for the protection of personal data, without prejudice to any other form of administrative or judicial appeal.

#### **8) FINAL PROVISIONS**

This notice does not constitute a contractual proposal and in no way binds the Administration to the assignment of the assignment.

The Administration reserves the right to interrupt the procedure initiated at any time, for reasons of its exclusive competence, without the applicants being able to claim any claim.

For anything not expressly provided, reference is made to the current legislation on the subject.

The Head of the Procedure (RUP), pursuant to art. 31 of Legislative Decree no. 50/2016, is Dr. Giacomo de 'Stefani.

Venice, 16/06/2021

THE SECRETARY GENERAL FF

Dr. Giacomo de 'Stefani

*IT document digitally signed pursuant to  
Of the art. 24 of Legislative Decree no. 82/2005*

Attachment: Form of expression of interest



**Chamber of Commerce, Industry, Crafts and Agriculture of Venice Rovigo**

Provveditorato Service - Area 2

tel. +39 041.2576 684/680 - 041.786 242; 041.786 111 (switchboard)

e-mail: [isprovider@dl.camcom.it](mailto:isprovider@dl.camcom.it)

[PECcciaadl@legalmail.it](mailto:PECcciaadl@legalmail.it) - Website [www.dl.camcom.gov.it](http://www.dl.camcom.gov.it)

Registered office: via Forte Marghera, 151 - 30173 Venezia Mestre (VE)

CF and VAT number 04303000279- Office Unique Code - PA invoice: UFW14Q