



UNIVERSITÀ DEGLI STUDI DI GENOVA

AREA NEGOZIALE

Servizio gare

Settore programmazione e gare per affidamenti di servizi e forniture

Via Balbi, 5 - 16126 Genova

tel. 010/2095523 – 010/20951847 - 010/20951894 - 010/20959259

PEC di struttura: areapatrimonio@pec.unige.it e-mail: info.negoziiale@unige.it sito: www.unige.it/bandi

EXPLORATORY NOTICE FOR THE PURCHASE OF PLEASANT GOODS PROCEDURE NEGOTIATED WITHOUT PRIOR PUBLICATION OF THE NOTICE OF TENDER

Deadline 30 October 2019, 6:00 PM

This exploratory notice is aimed at verifying the existence of additional products with respect to the known devices indicated below - having "equivalent" technical specifications to those described below.

INTRODUCTION: this Notice pursues the objectives set forth in art. 66, paragraph 1 of Legislative Decree 50/2016. The preliminary market consultations are aimed at confirming the existence of the conditions that allow under the art. 63, paragraph 1, legislative decree 50/2016, the use of the negotiated procedure without publication of the notice or identify the existence of alternative solutions.

SUBJECT OF THE SUPPLY: Purchase of an inkjet printer for conductive materials and not allowing the printing on various materials (typically plastic substrates of different thicknesses), both commercial and made on specific technical indications and allowing the creation of circuits electric-electronic and sensors of various types.

ESTIMATED ESTIMATED INDICATIVE AMOUNT OF SUPPLY: \$ 49,050.00 (excluding VAT).

PLACE OF SUPPLY: Department of Computer Science, Bioengineering, Robotics and Systems Engineering (DIBRIS) - University of Genoa, via Opera Pia 13 - 16145 Genoa.

FUNCTIONAL AND PERFORMANCE INDICATIONS AND REQUIREMENTS: The Department of Computer Science, Bioengineering, Robotics and Systems Engineering (hereinafter DIBRIS) of the University of Genoa, together with the Department of Naval Engineering, Electrical Engineering, Electronics and Telecommunications (DITEN) is the result beneficiary of a contribution aimed at the purchase and / or updating of medium and large scientific equipment.

It was therefore agreed to purchase an instrument that could contribute to the development of research in both bioengineering and advanced robotics and mechatronic applications. This equipment was identified in a printer equipped with the following essential features and technical specifications:

- accurate deposition of functional fluids for additive material deposition processes, usable in the following application areas: flat screen displays, manufacture of electronic components, precision mechanical components, microelectromechanical systems (MEMS), microfluidic systems, biomedical systems. In these applications, in fact, the print heads must be able to be used to deposit in the form of specific ink specific materials with specific characteristics, with high precision and in carefully controlled quantities.

From indications received from the scientific head of the Department it would appear that the above **mentioned features are present in the following instrumentation:**

PRODUCER NAME: Dimatix 2850, manufactured by Fujifilm Dimatix, Inc. - 2250 Martin Avenue - Santa Clara, California, 95050 USA, which is the only company that supplies the Dimatix 2850 printer and is the only company that owns the industrial patent: Patents US 7837310 B2 and US 8740334 B2

In the event that the requirements (pursuant to the ANAC Resolution "Guidelines for the use of negotiated procedures without prior publication of a call for tenders in the case of supplies and services deemed to be incoercible") are fulfilled, the supply will be entrusted pursuant to art. . 63, paragraph 2 letter. b) point 3) of Legislative Decree 50/2016 to the manufacturing company.

Economic operators who consider:

- produce and / or market devices that possess all the inflexible characteristics listed above;
- produce and / or market devices with functionally equivalent characteristics that meet the technical specifications mentioned above

they must send by 30.10.2019, h. 18.00 at the PEC address areapatrimonio@pec.unige.it the following documentation:

- a) Technical data sheet of the product / products in Italian and / or English;
- b) Declaration certifying performance equivalence, ie that the characteristics of the material comply in an equivalent manner with the requirements for which the supply is required (Legislative Decree 50/2016, art. 68 c. 6), made explicitly and detailed.
- c) Scientific studies, technical tests or other material, in support of the withholding and declared functional equivalence.

The personal data provided will be processed, also with IT tools, for the purposes and methods provided for in this proceeding. However, we inform you that:

- 1) the purposes and methods of processing the data provided exclusively concern the performance of the institutional functions of the Administration;
- 2) the provision of data is mandatory;
- 3) the data may be communicated and / or disseminated solely for the purposes of the communications required by law or necessary, pursuant to the laws and regulations in force, for the purpose of verifying the requirements and the truthfulness of the statements;
- 4) the data collected will be stored for the time established by the laws and regulations in force and in any case for a period of time not exceeding the achievement of the purposes for which they are treated;
- 5) in relation to the processing, the competitor may exercise the rights provided by Chapter III - Rights of the interested party (Articles 12-23) of the GDPR at the competent offices;

- 6) The data controller of the conferred data is the University of Genoa, with headquarters in Via Balbi, 5 - 16126 Genoa; the person responsible for the processing is Dr. Roberta Cicerone, Manager of the Negotiation Area.
- 7) Data Protection Officer - Data Protection Officer (RPD / DPO) is Prof. Annalisa Barla.

Any information and clarifications can be requested at the following PEC e-mail address: areapatrimonio@pec.unige.it

Notice of the outcome of this exploratory investigation will be published at: <https://unige.it/bandi/procneg.php>

NEGOTIATION AREA MANAGER
digitally signed
Dr. Roberta Cicerone

Attachment 1

TECHNICAL SPECIFICATIONS

The technical specifications identified are the following:

1. Deposition system operated through an inkjet cartridge system with ink jet generated by a piezoelectric actuator with 16 nozzles;
2. Possibility to use commercial inks and custom inks;
3. Possibility of using multiple cartridges;
4. Visual inspection system and multiple cartridge alignment;
5. Printing area equal to 210 mm x 315 mm for substrates less than 0.5 mm thick;
6. Printing area equal to 210 mm x 260 mm for substrates with thickness between 0.5 and 25 mm;
7. Fixing the substrate to the printing plate with 'vacuum platen';
8. Heated printing plate
9. Test-retest reliability of the printing process: $\pm 25 \mu\text{m}$