CALL TO VERIFY THE REQUIREMENT OF UNIQUENESS

The University of Palermo wants to start a negotiated procedure without previous publication of a call on the basis of art. 63, comma 2, lett. B) of the D.Lgs. 50/2016 in order to get the following service:

Operating lease for 20 (twenty) months of a metallic powder Additive Manufacturing machine for 3D printing SLM Solutions - SLM®280 1.0 Dual 400W+1000W. The service will include also the supporting toolkit, the transportation expenses, the start-up of the machine, its installation and training and necessary consumables.

The former acquisition is fundamental in order to carry out the tasks and activities of the Bioactifix research project (project code PRJ-0377 - CUP G98I18000530007) whose principal target is the determination, the development and the engineering of an innovative production process aimed to the production of bioactive devices of internal osteosynthesis characterized by angular stability. Within the project activities, the production of a series of prototype devices is considered through Additive Manufacturing (AM) starting from metallic powders.

The Bioactifix research project actually considers the design and the production through AM technologies of metallic (bio-med materials) devices on which specific coatings will be tested, able to properly adhere on the surface of the devices and characterized by the possibility to in situ release
properly selected bioactive molecules in a controlled and progressive way with the aim to speed up healing and recovery.

With this goal, the scientific coordinator of the BIOACTIFIX project, together with her team, carried out a detailed market analysis aimed to identify a machine with proper characteristic for the project requirements and, hence, an Economic Operator (EO) able to offer the operating.

On the basis of a set of nonspecific features for the considered machine, i.e. the medium/large working chamber dimensions, the power of the laser source, the possibility to carry out multi-material productions, etc. and of unique characteristics founded on 4 patents held by the EO, Prof. Di Lorenzo identified the SLM Solutions - SLM®280 1.0 Dual 400W+1000W machine as perfectly suitable for the research and the EO SLM Solutions AG as unique company able to provide the needed operating lease for the machine.

SLM Solutions - SLM®280 1.0 Dual 400W+1000W is a machine suitable to the project activities needs on the basis of 4 patents. The unique features of the machines are:

1. EP2818305B1 Bi-directional Recoating,
2. EP1786858B1 Overlapping Multilaser,
3. EP2786858B1 Exposere Against Gas Stream
4. EP3321003B1 Sinter Plate Gas Stream
On the basis of the above mentioned reasons and on the basis of the acquired information, this Administration wants to verify if the EO SLM Solutions Group AG, with registered office in Lubeck, is the only EO able to provide an operating lease for 20 (twenty) months of an Additive Manufacturing machine for 3D printing of metallic powders SLM Solutions - SLM®280 1.0 Dual 400W+1000W.

Target of the present advice is to verify if further Economic Operators, other than the mentioned one which would be able to offer the same service for Italy, or analogous one.

Following what is stated above, further Economic Operators are invited to express their interest to participate to the procedure for the expectation of the described service by June 30th, 2020.

All the communications will be transmitted to the Administrative Officer responsible for the Department of Engineering at the University of Palermo, Dr. Maria La Barbera, exclusively through the PEC email address: dipartimento.ingegneria@cert.unipa.it

Director of the Department of Engineering
Prof. Giovanni Perrone

P.S.: La presente nota redatta in lingua inglese ha scopo puramente informativo. Per tutto quanto non espressamente specificato nel presente documento e per ogni ulteriore informazione si rimanda alla versione in Italiano.