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Bolzano, 22.01.2025

### **Preliminary market consultation and contextual request for quote**

Dear supplier,

**NOI SpA** intends to initiate a preliminary market consultation pursuant to art. 20 of LP no. 16/2015 and art. 40 of Directive 2014/24/EC for the execution of several “test-before-invest” services within the EDIH project for local companies. For more information about the EDIH project at NOI, please visit the page <https://noi.bz.it/it/chi-siamo/gli-attori-del-noi/dih-edih>

**NOI SpA** invites all interested economic operators to participate by filling in an expression of interest, **also in the form of a quote**, in relation to the different activities described in the Annex. It is possible to submit a quote for one or more activities.

This preliminary market consultation is organized in the scope of the following EU project:

**CUP : B57H22006510001**

**Titolo dell'intervento: EDIH Digital Innovation Hub South Tyrol - DIS-HUB**

**Riferimento:**

**Fondo Next Generation EU – Piano Nazionale di Ripresa e Resilienza (PNRR)**

**MISSIONE 4 “Istruzione e ricerca”**

**COMPONENTE 2 “Dalla ricerca all’impresa”**

**INVESTIMENTO 2.3 “Potenziamento ed estensione tematica e territoriale dei centri di trasferimento tecnologico per segmenti di industria”**

**DEADLINE FOR THE DELIVERY OF THE QUOTE (12.02.2025):**

**The quote is to be sent exclusively by e-mail to [r.cavaliere@noi.bz.it](mailto:r.cavaliere@noi.bz.it)**

Best regards  
Roberto Cavaliere

## **ANNEX: Details of the preliminary market consultation**

### **1. Description of the EDIH services and related requested activities**

#### **1.1 SERVICE 1: AI FOR AUTOMATED SOFTWARE / API TESTING**

A local company aims to deepen the possibilities of using AI in order to automate and improve testing services of software code and APIs. This kind of detailed analysis will be carried out in a joint workshop of 4 hours maximum of duration, which could be also split in maximum 2 different meetings. The goal of the workshop is not only to provide more detailed information and knowledge about the current possibilities, but also put the conditions for the following development of a Proof-of-Concept (PoC), to be implemented in a successive test-before-invest EDIH service.

The activities requested to the supplier are the following:

- Preliminary meeting with the company (about 1h), in order to clearly and jointly identify the topics to be deepened during the workshop
- Preparation for the workshop, in particular preparation of relevant material to be presented and other documentation useful for the discussion and the possible following development (e.g. PoC architecture definition)
- Preparation of a written output (i.e. a report) after the workshop, with a summary of the main information shared and the conclusions and next steps agreed after the joint discussion.

The maximum budget available for this service is 4.000 Euro + VAT, therefore it is requested to have a quote under this indicative upper price.

#### **1.2 SERVICE 2: AI FOR FINANCING OPPORTUNITIES SCOUTING**

A local company aims to deepen the possibilities of using AI in order to significantly speed-up and extend the possibility to search for financing opportunities for different type of activities, e.g. research and development (R&D). The range of possible applications could be different, from e.g. analyzing the content of the public financing calls to the search of potential financial instruments to proper financing certain activities / investments. This kind of detailed analysis will be carried out in a joint workshop of 4 hours maximum of duration, which could be also split in maximum 2 different meetings. The goal of the workshop is not only to provide more detailed information and knowledge about the current possibilities, but also put the conditions for the following development of a Proof-of-Concept (PoC), to be implemented in a successive test-before-invest EDIH service.

The activities requested to the supplier are the following:

- Preliminary meeting with the company (about 1h), in order to clearly and jointly identify the topics to be deepened during the workshop
- Preparation for the workshop, in particular preparation of relevant material to be presented and other documentation useful for the discussion and the possible following development (e.g. PoC architecture definition)
- Preparation of a written output (i.e. a report) after the workshop, with a summary of the main information shared and the conclusions and next steps agreed after the joint discussion.

The maximum budget available for this service is 4.000 Euro + VAT, therefore it is requested to have a quote under this indicative upper price.

### 1.3 SERVICE 3: AI FOR IMPROVED LOGISTIC OPERATION PLANNING

A local company aims to implement a PoC for improving with AI a digital platform that combines requests of goods transportation by companies and a network of small logistic transport operators. The aim of the PoC is to predict the future availability of truck drivers based mainly on their past travel behavior patterns, and so to better assign transportation requests for the near future. Historical location data, properly anonymized, is available and can be used to train an AI model. The scope of the PoC is to have an AI module integrated into this digital platform that can therefore also respond effectively to these delivery requests of the future.

The activities requested to the supplier are the following:

- Kick-off meeting with the company (about 2-3 hours), in order to analyze the digital platform and the structure / content of the data available
- Design and implementation of the PoC, including following aspects:
  - Evaluation and selection of the most suitable AI model for making such a prediction
  - Evaluation of possible additional context data, accessible in machine-readable form, which could be useful to improve the accuracy of the forecast
  - Evaluation of the best strategy for the interaction between the platform and the AI module, both for performance and maintainability reasons of the AI module itself
  - Evaluation on how to automatically verify the accuracy of the model and ensure its continuous improvement thanks to the position data that will be continuously collected by the platform
- Preparation of a written output (i.e. a report) at the end of the implementation process, with a detailed description of the design and implementation activities carried out.

The maximum budget available for this service is 40.000 Euro + VAT, therefore it is requested to have a quote under this indicative upper price.

## 2. Deadlines

Services nr. 1 and nr. 2 should be provided to the local companies within Q1 2025.

Service nr. 3 should be provided to the local companies with end of the 2025.

## 3. Invoicing procedures

Invoicing for services nr. 1 and nr. 2 will take place at the end of the service delivered.

For service nr. 3 it could be possible to foresee an intermediate invoice, after the kick-off meeting and the conclusion of the initial design work.

All details for the invoicing will be contained in the formal commitment.

#### **4. Transfer of rights**

Intellectual property rights arising from the activity covered by this offer shall remain the property of NOI and the local company for which the service is carried out, subject in any case to the recognition of the moral copyright due under applicable law. Local companies could ask the suppliers to sign a bilateral non-disclosure agreement (NDA), so to regulate the management intellectual property rights (IPRs) among the parties.