

## PARTNER SEARCH FORM

### MY POSITION IN THE PROJECT PROPOSAL

- I have a project idea and I am looking for a project partner. *Please fill in Part A, B, C, D.*
- I don't have a project idea; but I want to participate in a project. *Please fill in Part A and B.*

### A. I AM SEARCHING PARTNER ON THE FOLLOWING CALL TOPICS/FROM

<b>Call Topics (If any)</b>	Spark Plug with Laval Nozzle for Internal Combustion Engine
<b>Keywords</b>	Internal combustion engine, spark plug, inner center electrode, outer Г-shaped electrode, long thread spark plug, short thread spark plug, Laval nozzle, stand, spark, fuel, complete combustion, engine power, exhaust toxicity, life services.
<b>Country</b>	The Republic of Uzbekistan

### B. MY CONTACT DETAILS

<b>Institution Name</b>	Andijan Machine-Building Institute
<b>Contact Person</b>	Head of the department "Organization of transportation and transport logistics", candidate of technical sciences, associate professor Nasirov Ilham Zakirovich
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<b>Email</b>	andmiedu.uz
<b>Website</b>	www. andmiedu.uz
<b>Type of Organization</b>	<input checked="" type="checkbox"/> University <input type="checkbox"/> Public Organization <input type="checkbox"/> Research Organization <input type="checkbox"/> Industry <input type="checkbox"/> Other, please specify.

### C. MY PROJECT PROPOSAL DETAILS

<b>Call Identifier/Number</b>	1
<b>Proposal Title</b>	Spark Plug with Laval Nozzle for Internal Combustion Engine
<b>Call Deadline</b>	2022
<b>Brief Abstract of the Project proposal</b>	<p>Cut off the outer <math>\Gamma</math>-shaped electrode of a conventional classic long-threaded spark plug to the length of the threaded portion of the short-threaded spark plug, leaving the center electrode and insulator intact. As a result, the L-shaped outer electrode is removed and replaced by an electrode in the form of a Laval nozzle, forming an annular working gap. This prevents sparks from the central electrode from striking the L-shaped outer electrode and clogging the working gap with soot varnishes and corrosion.</p> <p>This ensures complete combustion of fuel, an increase in engine power and a decrease in exhaust emissions. The service life of a new spark plug is also increased by 2-3 times.</p>

### D. PROFILE of the PARTNER SOUGHT

<b>Country</b>	Hungary
<b>Role in the Project</b>	Joint executors of scientific and technical projects
<b>Type of the Organization Sought</b>	<input checked="" type="checkbox"/> University <input type="checkbox"/> Public Organization <input type="checkbox"/> Research Organization <input type="checkbox"/> Industry <input type="checkbox"/> Other, please specify.
<b>Expertise required</b>	Yes

**Date:../../... (day/month/year)- 09.06.2022 y.**

**Deadline For Partner Search:../../... (day/month/year)- 31.12.2022 y.**