

Business Unit & Req. # 6007 -

ECCN: _____

Total Amount: \$ 880,000.00

Note: This Sole Source Certification will become a public document, open to public inspection; therefore, you should be certain all material facts are true, relevant and clearly understandable.

SOLE SOURCE CERTIFICATION

Under the requirement of University of Florida Rule No. 6C1-3.020(5)(e)(2), the following is submitted in support of this request for authority to purchase, without bidding, the items available from only one source.

Note: Sole Source means that the item/service is unique and that the vendor is the only one from whom the item/service can be provided. Best Price alone cannot be used for sole source. If the item/service is available from more than one source of supply, best price must be determined through the competitive bid process.

A. Sole Source Vendor Company Name: ReaSYN LLC

Contact Person: Jonathan Weiss

Address: 801 S. Miami Avenue, Suite 4701, Miami FL 33130

Telephone: 917-620-4771

Fax: _____

Email: jonathanweiss@synervise.com

B. Describe in lay language, what the item/service is and how it is to be used in your area of research. (cont. P2)

My area of research is Robust Recycling using technology referred to as Regenerative Robust Gasification. We seek to enhance the process using a unique microwave induction coupled plasma torch offered by ReaSYN.

C. What feature or special condition of this commodity/service is unique and cannot be obtained from any other source? Why are these features or special conditions important to the research? (cont. P2)

ReaSYN's plasma torch technology is unique in that it is gas cooled, has no moving parts, and no wear parts (e.g. electrodes). It can run hotter than competitive water cooled torches, which is critical to our application which requires the torch being mounted on a hot gasifier. Also, ReaSYN is the only company offering the torch at 100KW.

D. Is this product being purchased directly from the manufacturer? ☒ Yes ☐ No

If No, is it available from more than one dealer? ☐ Yes ☒ No

If Yes, it is available from more than one dealer, why can this item not be bid? (cont. P2)

The manufacturer is Radom Corp, from which we have purchased smaller torches and equipment in the past. ReaSYN has acquired an exclusive license from Radom for gasification applications. Therefore, we must now purchase this equipment from ReaSYN.

E. Prior to submitting this requisition, did you investigate other possible sources? ☒ Yes ☐ No

If Yes: 1) Did you obtain quotes from the other sources? ☐ Yes ☒ No If Yes, attach copies.

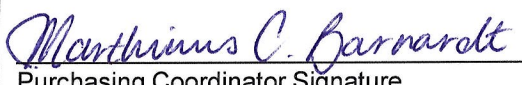
2) Is this Vendor's price lower than the other sources? ☐ Yes ☐ No If No, justify the additional cost below.

We investigated plasma torches from companies in Canada, Russia/Switzerland, and Germany. Only the German company offered a microwave induction coupled torch, but their offering is limited to 75kW and is water cooled. There was no reason to request quotes for systems that do not meet specifications.

F. What efforts have been made to obtain the best price possible? Why do you feel this price is fair and reasonable? (cont. P2)

We were able to negotiate a substantial discount of \$539k. ReaSYN's quote seems reasonable considering the unique capabilities of the equipment, ability to meet required specifications, engineering support and installation.

I / We, the undersigned, certify the above to be true and correct to the best of my / our knowledge and belief and the user and / or undersigned does not have a financial interest in the above named vendor.

DEPARTMENT APPROVAL	PURCHASING APPROVAL
I hereby certify the validity of the information and feel confident the Sole Source Certification will meet University criteria and would withstand any audit or vendor protest. Bruce Welt Digitally signed by Bruce Welt Date: 2024.08.12 10:54:41 -04'00' Principal Investigator's Signature Date <u>8/12/2024</u>	This acquisition is approved as a non-competitive purchase.  <u>9/10/2024</u> Purchasing Coordinator Signature Date
FAILURE TO FILE A PROTEST IN ACCORDANCE WITH BOARD OF GOVERNORS (BOG) REGULATION 18.002 OR FAILURE TO POST THE BOND OR OTHER SECURITY AS REQUIRED IN THE BOG REGULATION 18.002 AND 18.003(3) SHALL CONSTITUTE A WAIVER OF PROTEST PROCEEDING.	 <u>9-10-2024</u> Purchasing Authorized Signature Date

Sole Source Certification (Continued)

Please use the following sections to continue documentation if needed.

B. continued

We have only identified two vendors that produce such torches and only ReaSYN can provide a torch that is gas cooled (versus water cooled) and at our required 100KW power level.

C. continued

Higher power per torch is critical for commercial development of this technology because there is limited space to mount torches on robust gasifiers and adding more torches to achieve the same power levels is not practical. For our work, the torch is the limiting factor for throughput, so higher power means greater throughput and process efficiency.

D. continued

E. continued

specifically, gas cooled (not water cooled), and 100 kW power.

F. continued