

Deployed Agency-wide (Yes)

Automation Code Exportable to Other Agencies (Yes)

Seeking Partner Agencies (No)

Automation Name	Vendor's Qualification Bot formerly known as the "Market Research Bot"
Implementing Agency	National Science Foundation (NSF)
Description of Automation	<p>This bot retrieves information from the Federal Procurement Data System (FPDS) for market research purposes. The bot takes three pieces of information: First, it takes a "start date" which tells the bot how far back from today's date you would like it to look. Second, it takes a NAICS code. This is the NAICS code for which you are doing market research for. Third, it asks you for your email address. The bot then returns, via email, a spreadsheet of all the contract actions back to the date you entered in that NAICS code. After doing some basic sorting using a pivot table, a contracting officer can use the results as a springboard for market research. The information returned includes the small business status so the results can be sorted by small business.</p>
Type of technology used	Robotic Process Automation (RPA)
Benefits of Use	<p>The benefits of the use of the Vendor's Qualification Bot include the following:</p> <ul style="list-style-type: none"> • Labor hours saved/redirected • Increases capacity of staff to perform higher value work

Deployed Agency-wide (Yes)

Automation Code Exportable to Other Agencies (Yes)

Seeking Partner Agencies (No)

	<ul style="list-style-type: none">• Eliminates cumbersome repetitive manual tasks• Helps to identify prospective small businesses to participate in agency procurements• Reduced process/cycle time• Increased compliance and audit readiness
Automation Status	In production and deployed agency-wide
Agency ATO Completed	No
Is the automation and/or automation code available for use by another agency?	Yes, the automation/application code can be made available for use by other agencies.
Primary Data Sources	The FPDS is the data source for this automation.
POC Contact	Raymond McCollum, rmccollu@nsf.gov