

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2023-179
Name of the item to be scouted:	Black Nitriding Services
State item to be used in:	Wyoming

Describe the Item:

Please describe the item application/the end use of the item.	Well established firearm manufacturer seeking vendor to provide metal treatment services, particularly black nitriding services.
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Supplier Information:

Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	

Reason for Scouting Submission (select from the list below)	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	Manufacturer has opened a second location and is seeking partners in the region.

Summary of Technical Specifications and Performance

Requirements:

Describe the manufacturing processes (elaborate to provide as much detail as possible)	Black nitriding services for 41L40, 4140 and 1018 steel components.
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Provide dimensions / size / tolerances / performance specifications of the item	Largest part dimension is approximately 6" long x 1" diameter. Smaller parts are approximately 1 1/2" x 1/4" Tolerances common to black nitriding process are acceptable.
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List required materials needed to make the product, including materials of product components, if applicable

Black Nitriding capabilities

Are there applicable certification requirements?	
Yes	
No	x
Please explain:	

Are there any applicable regulations that apply to the production of this item?	
Yes	
No	x
Please explain:	

Are there any other standards / requirements?	
Yes	
No	x
Please explain:	

Additional Comments:

Additional technical comments:	
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Volume and Pricing:

Estimated Potential Business Volume (i.e. #units per day, month, year):	100's of parts per week to start, ramping up to 1000 parts per week at full production.
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Estimated Target Price / Unit Cost Information:	Seeking competitive quotes
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Delivery Requirements:

When is it needed by? (Immediate, 30 days, 6 months, etc)	1-2 Months to decide on vendor. Once in production, 1000 parts/week delivered on a week to week basis
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Describe packaging requirements (i.e. individually / group packaging, etc)	TBD. Will likely require protection from rubbing/scratching during shipping.
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Where will this item be shipped?	Rock Springs, QY
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Additional Comments:

Is there other information you would like to include?	Vendors located in the Rocky Mountain region preferred.
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