

CAPITAL EQUIPMENT REQUEST

Form Version v0.0

SPONSORING COMMITTEE:		Metal shop	SUBMITTER:	Charles Procter	DATE:	4/8/2022
DESCRIPTION OF CAPABILITY		Powder coating booth. Capability apply powder coating material indoors.				
EQUIPMENT REQUESTED:			FUNDS \$ REQUESTED: initial funds \$3,160.00 PLUS monthly \$0.00 PURCHASE or LEASE? Purchase Does Vendor offer 501[c](3) discount? No			
MANUFACTURER		Eptex				
MODEL		3ft Commercial				
AGE of EQUIPMENT (or NEW)		New				
ALTERNATIVES considered / why rejected:		NFPA 33 part 15.5.1 exempts booths of less than 9 sq. ft. from fire protection requirements that DMS could not meet. See https://source.dallasmakerspace.org/display/METAL/Metal+Shop+Meeting-2022-03-05 and https://tasks.dallasmakerspace.org/browse/METAL-77				
INITIAL ACQUISITION:		Initial Cost	Monthly recurring	FUTURE ACCESSORIES/ENHANCEMENTS (Not included in this authorization):		
Equipment		\$3,160.00		ITEM	WHEN	COST
Freight		\$0.00				
Accessories/tooling						
Furniture						
Maintenance contract or warranty						
Education/training						
SUBTOTAL		\$3,160.00	\$0.00	FUTURE COST: \$0.00		
INSTALLATION		Initial Cost	Monthly recurring	UTILITIES REQ'D (Y/N)		
Manufacturer's quote				Details		
Construction/utilities				Electrical	Y	115 Volts
Moving / drayage				Compressed air	N	PSI
Rearrangement				Water	N	GPM
Materials				Dust collection	N	
SUBTOTAL		\$0.00	\$0.00	External ducting	N	
DMS-performed installation tasks (list):		Chem Storage List: _____ Effluent disposal List: _____ Special environment: _____ Other: _____				
TOTAL INITIAL COST:		\$3,160.00	\$0.00	SPACE REQUIRED:		
FUNDING SOURCES:				Square feet		
Metal shop Committee				Equipment (including maintenance clearance)		
_____ Committee				50		
Major Donor - Name:				Tool / accessory storage		
Other Donations:				10		
DMS Board		\$3,160.00	\$0.00	Material storage		
TOTAL FUNDING SOURCES:		\$3,160.00	\$0.00	Work tables including aisle space		
				TOTAL SPACE 60		
				Proposed Location: Exterior wall of the metal shop hot work area.		
				Is this within your committee's space? (Y/N) No, See expnsion plans		

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OPERATING MODEL:

Safety considerations:

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Warranty period: Maintenance responsibility: Select: DMS / Manufacturer / 3rd party

Equipment consumables provided by DMS (tubes, heads, belts, bits, etc), and estimate of replacement rate:

Replacement filters.

Do you plan to stock material? (Y/N) No

Operating model to generate funds for maintenance/repair:

	Answer Y/N
Fee for use	N
Fee for certification	Y
Machine consumables fee	Y
Material consumables fee	Y
Honarariums	

Equipment Training Assessment (See Training Definitions tab):

Severity of injury to UNTRAINED user (1-5)	Probability of injury to UNTRAINED user (1-5)	Damage to tool caused by UNTRAINED user (Repair cost) (1-4)	Probability of UNTRAINED operator damaging tool (1-5)
2	1	1	1

What other skills are required in order to use this capability?

Common sense

Additional comments

Include amount of usage, recurring/material costs for usage, which committee will be the largest user, plus any special circumstances

Note the shipping charge is included in the cost associated with the purchase of the oven. There will be some consumable cost, for filters. However as we are unable to accurately assess usage. Only one potential user, HB Smart II, has been at all involved in the selection process.