

BIDDING REQUIREMENTS for PURCHASING
NOTICE AND INFORMATION FOR BIDDERS

Attachment A: Bid Breakdown & Schedule

Bidder: _____

DASNY Contact: Christine Donahue, Assistant Purchasing Coordinator – cdonahue@dasny.org

Services/Product Required By: As soon as possible based on product lead time.

Description: Furnish and Deliver 3D Printer.

Bid Open Location: DASNY, Corporate Headquarters, 515 Broadway, Albany, NY 12207

Bid Open Date and Time: October 3, 2024 at 2:30 p.m.

The following items should be quoted as specified. Equal items should only be Bid if a specified item has been discontinued.

Item No.	Make/Model	Description	QTY	UOM	Unit Price	Extended Price
1	FS1-P-30-120V	Fuse 1+ 30W Printer 120V	1	EA	\$	\$
2	FS1-SIFT-120V	Fuse Sift 120V	1	EA	\$	\$
3	VC-FS-110V-01	Industrial Vacuum 110V	1	EA	\$	\$
4	BC-FS1-120V-02	Fuse Series Build Chamber 120V	2	EA	\$	\$
5	PC-FS1-01	Fuse Series Powder Cartridge	2	EA	\$	\$
6	FS1-STAND	Fuse Series Printer Stand	1	EA	\$	\$
7	SV-FS1-02	Sift 300 Sieve	2	EA	\$	\$
8	PD-FS-P12G-01	Nylon 12 Powder 6 kg	4	EA	\$	\$
9	PD-FS-TP9G-01	TPU 90A Powder 6 kg	8	EA	\$	\$
10	FREIGHT			LS	\$	\$

**Note: If a model is discontinued by the manufacturer prior to delivery of the product, DASNY reserves the right to accept a replacement model from the manufacturer subject to meeting all general requirements and detailed product specifications.*

TOTAL BID \$ _____

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(The below questions 1) and 2) need only be answered if the above total bid is for one million dollars or more)

1. Does your firm anticipate the use of subcontractors and outside suppliers specific to this procurement
Yes No
2. Does your firm anticipate the creation of employment opportunities arising from this procurement?
Yes No

(The below information must be completed for all bids.)

Identify all subcontractors, if any: _____

STATE, PROVINCE FOR FOREIGN COUNTRY
THAT YOUR FIRM'S PRINCIPAL PLACE OF BUSINESS IS
LOCATED:

ADDRESS OF FACTORY OR PLANT WHERE
ITEMS ARE MANUFACTURED AND/OR
ASSEMBLED. *(Attach additional sheet(s) if more than one
manufacturer)*

BIDDER (FIRM NAME)

SIGNATURE

NAME (TYPE/PRINTED)

TITLE

Date

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Attachment B: Detailed Specifications

Item No. 1. FS1-P-30-120V - Fuse 1+ 30W SLS 3D Printer



Manufacturer

Formlabs

Model

FS1-P-30-230V

Technology

Selective Laser Sintering

Build Volume (W x D x H)

165 x 165 x 300 mm (6.5 x 6.5 x 11.8 in)

Layer Thickness

110 microns (0.004 in)

Build Speed (20% packing density)

0.5 liter/hour

Laser Type

Ytterbium Fiber

Laser Spot Size (FWHM)

247 microns (0.0097 in)

Material Refresh Rate

30 – 50 %

Printer Dimensions(W x D x H)

25.4 x 27.0 x 42.0 in (65.0 in with stand)

Printer Weight

265 lbs (without build chamber or powder)

Startup Time

< 60 minutes

Power Requirements

US: 120 VAC, 15 A (dedicated circuit)

Connectivity

Wi-fi (2.4GHz + 5GHz); Ethernet (100 Mbit); USB 2.0

Print Preparation Software

PreForm Desktop Software

System Requirements

Windows 7 (64-bit) and up Mac OS X 10.12 and up OpenGL 2.1 4 GB RAM (8 GB recommended)

File Types

.STL or .OBJ; FORM file output

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Item No. 2. FS1-SIFT-120V - Fuse Sift 120V



Item No. 3. VC-FS-110V-01 –Industrial Vacuum 110V



Item No. 4. BC-FS1-120V-02 Fuse Series Build Chamber 12V



Item No. 5 PC-FS1-01 - Fuse Series Powder Cartridge



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Item No. 6 FS1 – STAND - Fuse Series Printer Stand



Item No. 7 SV-FS1-02 - Sift 300 Sieve



Item No. 8 PD-FS-P12G-01 - Nylon 12 Powder 6 KG



Item No. 9 PD-FS-TP9G-01 - TPU 90A Powder 6 kg



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Attachment C: Scope of Work and Site Logistics

DASNY is seeking bids on behalf of its client, CUNY City College to furnish and deliver 3D Printer. Installation is not part of this Bid. All equipment shall be furnished per the detailed specifications included in this bid.

Location for Delivery:

CUNY City College
Dept. of Mechanical Engineering
160 Convent Avenue, ST 233
New York, NY 10031

Additional Requirements:

Delivery will be coordinated with the point of contact provided on the Purchase Order.