

THE _____ PURCHASING DIVISION IS SOLICITING BIDS FOR

Gas Powered Dust Collection Towable Unit, SMITH MaxiVac Model MV5 (or equal)

INVITATION TO BID NO. _____

F.O.B. _____

Release Date: _____ Opening Date: _____ Requisition No. _____
_____ @ _____ .M.

For additional information of this Invitation to Bid, please contact: _____

Email: _____ Phone: _____ Fax: _____

Organization: _____ Department: _____

Address: _____

City: _____ State: _____ Zip: _____

Prices contained in this bid are subject to acceptance within _____ calendar days.

Delivery will be completed within _____ calendar days after receipt of purchase order.

Payment Terms _____

Reference to a specific manufacturer, product or model in the bid specifications does not restrict bidders to that manufacturer, product or model. This method is used to indicate the functional requirements (e.g., type, design, characteristics, quality) of the article desired. Bidders may submit a bid response for an alternative article; however the bid response will only be considered provided the bidder takes exception to the specific manufacturer, product or model **and** provides detailed, comparative documentation for use by the Purchasing Division in determination of the functional equivalency of the product or model proposed. Equivalent items must meet or exceed the following specifications and will be subject to performance testing. Complete and detailed comparative documentation for equipment other than that requested in this solicitation is **required to be submitted with the bid response**. Failure to comply with this request may be cause for rejection of bid. Prior to bid award, the agency will request an on-site demonstration of any like model unit. Upon request from the agency, prospective bidders will have no more than 30 days to provide a demonstration at a location designated by the agency.

SPECIFICATIONS FOR

Gas Powered Dust Collection Towable Unit, SMITH MaxiVac Model MV5 (or equal)

The following specification is written around the SMITH Manufacturing, Pompano Beach, FL. MaxiVac Model MV5 Gas Powered Dust Collector towable unit designed to extract all air-borne powders and particles when connected to the dust collection ports of gas powered scarifiers, line removers and saws.

BIDDER SHALL FURNISH AND DELIVER ONE (1) CURRENT MODEL, USA Manufactured, SMITH BRAND, MaxiVac Model MV5 Gas Powered Towable Dust Collector (or approved equal) capable of extracting all air-borne powders and particles when connected to the dust collection ports of gas powered scarifiers, line removers and saws. Unit bid shall be easily operated by a single operator by pushing or pulling or can be attached to an optional Sulky Driver Hydraulic powered riding attachment.

The trailered unit shall be capable of extracting, with up to two vacuum collection hoses, all air-borne powders and particles when connected to the dust collection ports of gas powered scarifiers, line removers and saws, easily operated by a single operator by pushing or pulling or can be attached to an optional Sulky Driver type powered riding attachment. Unit comes fully assembled powered by a 5.5HP Honda gas engine with oil alert, air filter and fuel tank with recoil rope pull start to include RPM tachometer and hour meter direct coupled to a heavy-duty 1000 CFM counter-rotation all-steel fully-enclosed high volume 12" OD air fan impeller turbine in 17" vacuum blower housing with perforated screened inlet protection screen cover for easy cleanout. The dust collector, a two stage filtration system, uses either (optional, select one) (a) 5 micron upper filtration bag or (b) 1 micron cartridge filter with contaminant shake down bar. The bottom dust collection bag shall be made from a breathable fabric pleated material that is coupled with a quick set/release clamp to dispose collected materials. The unit shall come fully assembled on an all-steel frame trailer platform with cross-bracing stabilizers for two stage housing separator, powder coated red, with dual 4" front swivel casters and dual 8" fixed heavy-duty wheels for use on road surface applications. A pull style tow bar shall be mounted on front of trailer for easy movement of the unit by hand or towing with a Sulky style Driver when connected inline with the scarifier, line remover or saws in operations. A dual hose 4" Y-connector attaches to the blower housing to allow the use of either an (optional, select 1 or 2) single or double 4" X 25 foot long heavy-duty collection hose for connection to one or two machines with an (optional, select 3" and 2") reducer coupler on the end of the hose attaches to the vacuum port for connection to the machines. The unit shall be delivered fully assembled and have a weight of 160 lbs. (72.5 kg) with compact dimensions of 45" X 28" X 36" (24" tow bracket). The unit shall be decaled with all standard safety warning and operating labels. The unit shall come with one set of manuals and a full 12-month limited warranty (excludes normal wear components) direct from the factory and a 3-year engine warranty from the engine manufacturer (Honda). The equipment shall be easy to maintain and service with parts simply bolting back in place requiring no outside service other than the gas powered engine. The unit must have a safe 10-year performance history with a minimum of 5 user references attesting ownership for at least 5 years.

Dust Collection System	SMITH MaxiVac Model MV5 (or equal)	
	Unit(s) must be in production for 10 years and meet the following minimum requirements:	
Unit Specifications	Minimum Requirements	Compliance (If no, list exceptions)
Gas Engine Horsepower Required:	5.5 HP OHV with oil alert, Honda or equal	<input type="checkbox"/> Yes <input type="checkbox"/> No
Sound Rating	65 – 120 db.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Engine Speed Controls	Tachometer with hour meter	<input type="checkbox"/> Yes <input type="checkbox"/> No
Airflow	1000 CFM min. (Static pressure 9.5" of water)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Cyclonic and Blower	All-steel counter-rotation 17" blower housing with 12" Fan impeller turbine w/dust leakage protection	<input type="checkbox"/> Yes <input type="checkbox"/> No
Turbine protection	Perforated screened inlet cover	<input type="checkbox"/> Yes <input type="checkbox"/> No
Unit Dimension:	45" X 28" X 36"	<input type="checkbox"/> Yes <input type="checkbox"/> No
Tow bracket Dimensions	24" pull style for hand or driving use	<input type="checkbox"/> Yes <input type="checkbox"/> No
Operating Weight:	160 lbs.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Filtration, 5 micron: (select 1)	20" OD X 49" L Upper breathable filter bag collects 100% of particles 5 micron (0.005mm) and larger. Bag interior with a glazed treatment to prevent clogging and maximizes airflow.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Filtration, 1 micron: (select 1)	20" X 28" L OD, upper 1 micron cartridge filter with hand crank media shake down bar	<input type="checkbox"/> Yes <input type="checkbox"/> No
Collection Bag	20"OD x 32"L Breathable pleated fabric bag with quick set/release band clamp for rapid disposal of collected materials	<input type="checkbox"/> Yes <input type="checkbox"/> No
Trailer Frame Construction:	Low profile, Unitized all-steel with cross-bracing stabilizers for two stage housing separator and steel floor pan, powder coat red,	<input type="checkbox"/> Yes <input type="checkbox"/> No
Dust collection inlet:	6" Y-Adapter port for dual 4" hose connections	<input type="checkbox"/> Yes <input type="checkbox"/> No
Collection Hose:	4" X 25 foot long heavy-duty clear reinforced	<input type="checkbox"/> Yes <input type="checkbox"/> No
Connection Point	3" and 2" reducer hose coupler	<input type="checkbox"/> Yes <input type="checkbox"/> No
Safety Decals:	Warning and operating labels	<input type="checkbox"/> Yes <input type="checkbox"/> No
Unit performance history	Production model since 1990	<input type="checkbox"/> Yes <input type="checkbox"/> No
Accessories and parts availability:	All unit options and wear parts are stock	<input type="checkbox"/> Yes <input type="checkbox"/> No
Parts and Operation Manual:	One (1) Printed Manual and CD	<input type="checkbox"/> Yes <input type="checkbox"/> No
Warranty:	1-year manufacturer standard warranty.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Training:	If required, consists of operation and maintenance within 30 days of delivery.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Exceptions:	Attach additional sheets if necessary.	<input type="checkbox"/> Yes <input type="checkbox"/> No

#	Description	Qty	Unit Price	Ext. Price
1	Towable Dust Collection System: Gas Powered Dust Collection System, SMITH MaxiVac Model MV5 per specifications with selected 5 micron filter	1	_____	_____
	List Manufacturer: _____		Model/Make: _____	Year Model: _____
2	Optional, 1 micron filter One 20" OD, upper 1 micron cartridge filter with hand crank media shake down bar or approved equal	1	_____	_____
3	Optional, Collection Bag: 20"OD x 32"L Breathable pleated fabric bag with quick set/release band clamp for rapid disposal of collected materials, or approved equal	1	_____	_____
4	Freight	1	_____	_____
5	Training (optional – 6 hours on site)	1	_____	_____
6	Total Bid Price (excluding sales tax)		_____	

DELIVERY: _____ DAYS AFTER RECEIPT OF ORDER

I have read, understand and agree to comply with the terms and conditions specified in this Bid.

Print Name _____ Title _____ Date _____

Authorized Signature: _____

Email: _____ Phone: _____ Fax: _____

Organization: _____

Address: _____

City: _____ State: _____ Zip: _____