

THE _____ PURCHASING DIVISION IS SOLICITING BIDS FOR

Stripe and Pavement Marking, no-groove, tri-cut rotary planetary spindle eradicator,
SMITH LNX8 Deluxe Eraser, (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

Stripe and Pavement Marking, no-groove, tri-cut rotary planetary spindle eradicator, SMITH LNX8 Deluxe Eraser, (or equal)

The following specification is written around the SMITH Manufacturing, Pompano Beach, FL. LNX8 Eraser, Stripe and Pavement Marking, no-groove, tri-cut rotary planetary spindle eradicator. Unit bid shall be capable of removing all types of road markings including paint, thermoplastics and epoxies on concrete and asphalt surfaces from 6" to 24" wide with one rotating 3 arm removal spindle **WITHOUT LEAVING DEEP SCARS OR GROOVING IN PAVEMENT** using a unique swivel wheel sweeping removal method,. 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.

BIDDER SHALL FURNISH AND DELIVER **ONE (1)** CURRENT MODEL, USA Manufactured, SMITH BRAND, LNX8 Deluxe Dry Eraser designed to remove Stripes and Pavement Markings, without grooves and undulations with a heavy-duty rotary planetary oscillating cutter tool action tri-cut rotary planetary spindle eradicator equipped with c/w speed, choke and stop throttle controlled 13 HP Honda engine with oil alert and fuel tank mounted on rubber shock mount plate with electric start wiring harness with starter toggle switch and battery box (garden tractor battery to be furnished by end-user) with 13 HP Honda Gas vertical shaft gas engine with fast starting electric start (battery supplied by requisitioning department), driving a single three arm spindle with each arm containing one set of (3) three cutters each containing 24 tungsten carbide pins for 72 pins total through a tensioned controlled dual belt tensioned direct drive sealed triple "maintenance-free"(no greasing required) bearings drive system assembled with a direct drive with quick-change-out cutters accessed by shrouded tilt-top chassis with fully enclosed rubber shroud attached from the inner frame to the ground to contain removed dirt and debris. The machine shall be constructed from unitized all heavy-duty steel construction that is powder-coated safety yellow. The machine shall include a micro-depth multi-position precision setting together with a control quick-setting and engage/disengage cam lever with cradle spring shock dampener to prevent hard cutter drops for consistent removal starts, a cutter pitch control to set the cutter spindle at various cutter angles from flat for smooth to angles for faster removal on uneven surfaces. A spring control pressure control setting with gauges from 0 (no tension floating) to 10 (heavy depth planning) shall be easy to set for variety of removal materials and surfaces. A multi-position adjustable push/pull operating handle with ergonomic "anti-vibration grip" handlebar shall be mounting with lockable settings to allow all size operators to comfortably control the erasing machine for easy pushing, pulling or moving side to side for feathering operations by walking or riding with the optional Sulky hydraulic powered sit-down driver. (A rear push bar can be added with the delivery of the machine or future date for using a second operator when using equipment in several grades). The Erasing machine includes a set of 4 heavy-duty non-marking wide wheels, (2 fixed front wheels and two rear swivel wheels that allow for the operator to move the Eraser side to side to feathering out the removed materials, from 4" - 24" removal widths, offering a beveled surface to prevent sharp edge grooving of the surface. The rear swivel feathering wheels include a set of parking brakes to be used to lock the Eraser in position when not in use. A removable twin set of 45 lb. side mounted weight ballast hold the Eraser firming on the surface to best control removal depths for faster consistent removal. For dust free removal, the Eraser include a 3" vacuum collection capped port for use with an optional Maxivac HD gas powered dust collection system to eliminate airborne dust from the removal site. The machine is decaled with all standard safety warning and operating labels and guides to assist the operator in safe use and maintenance of the Eraser.

The equipment must have a safe 20-year performance history offering a minimum of 5 references of users that own the equipment for at least 5 years. The following options must be available for use on the purchased machine for delivery with the unit (if requested in this bid) or must be available and in stock for purchase at a later date to include (1) Dust control Water Tank control system, (2) Gas powered Dust collector, (3) Sulky Hydraulic ride-on driver with ball mounted hitch plate, (4) Engine timer with tachometer, (5) Centrifugal clutch (6) Rear push bar, (7) Skid-steer front mount for use with skid loaders and (8) Optional high performance removal cutter tools for concrete or asphalt removal of thermoplastic, epoxy, paint, rubber, high spots, trowel marks include Grind-it diamond 6 puck disc assembly, Erase-it 72 Rotary Pin tri-cutters for fast removal of thick coatings (PM3000), Erase-it 144 Rotary Pin tri-cutters for all purpose smooth removal of coatings (PM3001), Erase-it 216 Rotary Pin tri-cutters for finest smooth removal of thin coatings (PM3002). Plane-it Pick Discs for removal of high spots and Cure-it Wire Brush Discs for removal of curing compound, oil and grease deposits and (9) Wear Parts kit consisting of 1 - sealed drive bearing housing (PM03010000), 1 spindle assembly with no cutters, (169068), 1 - set of 6 rubber bushings for spindle - (169001), 1 - set of 3 metal sleeves for spindle - (169018), 1 - set of 3 LH nut for spindle- (110446), 1 - set of 6 felt seals (169006.PM), 2 - front fixed wheel (168008), 2 - rear caster wheels with brake (168020) , 1 set of 2, foam grips (1010608.15), 1- cap for vac port (164030) , 1 - engine tensioner assembly (168035A) , 1 - set of 4 rubber engine mounts (110034) , 2 drive belt (110251) , 1 tension spring (141041) , 1 rubber dust skirt (168030), 1 air filter (RS-17211-ZF5-V01)

The machine shall come with a set of manuals and a full 12-month limited warranty (excludes normal wear components) direct from the factory with the engine 3 year warranted directly from 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 equipment shall be delivered fully assembled and have a weight of 450 lbs. (188.2kg) with compact dimensions of 47" L x 31" W x 40" H.

Minimum Requirements:		Unit(s) must be in production for 10 years and meet the following minimum requirements:	
Machine Specifications	Minimum Requirements	Complies (if no, list exceptions)	
Gas Motor Horsepower Required:	13 HP Honda Gas Engine w electric start	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Erasing (removal) width:	up to 8 Inch wide per pass	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Erasing width engaging caster wheels:	up to 24 Inch wide	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Erasing Depth:	up to 3/8 Inch deep per pass	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Unit Dimension:	47" L x 31" W x 40" H	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Operating Weight:	450 lbs.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Working speed by hand (approx.):	2000 LF/Hr. (1/16" DEPTH)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Depth Control Adjustment lever:	Multi-set position screw-type threaded rod	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Engage/disengage lever:	Cam lever arm w/ hydraulic setting shock	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Drive System:	triple-sealed high temp, maintenance-free bearings	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Frame Construction:	All-steel, powder coated safety yellow	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dust collection port:	3" port, located at rear	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Pressure control depth setting:	Spring tensioned 10 pt. setting from float to fixed	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Road surface compliance:	6-rubber spindle bushings	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Wheels with parking brake:	2 rear caster w/ brake, 2 front fixed, non-marking	<input type="checkbox"/> Yes	<input type="checkbox"/> No
3-Arm Spindle c/w assembled carbide pin cutter set:	72 ultra-premium grade tungsten carbide bullet shaped pins and 9 triple-sealed high-temp bearings	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Twin Belt tensioning control:	Screw adjustment without removing guards	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Access for easy cutter change-out	Tilt forward design with only 2 pin release points	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Dust control shroud:	Fully enclosed rubber cowling wrap to ground	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Cutter Pitch Control settings:	Screw adjustment for setting erasing angles	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Ergonomic "anti-vibration grip" handle:	Multi-position for push/pull walking or riding	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Removable weight ballast:	2 X 45 lb ballast bolted to outer frame	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Safety Decals:	Warning and operating labels	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Machine performance history	Production model since 1990	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Accessories and parts availability:	All machine 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:	Attached additional sheets if necessary.	<input type="checkbox"/> Yes	<input type="checkbox"/> No

#	Description	Qty	Unit Price	Ext. Price
1	PAVEMENT MARKING REMOVER: SMITH LNX8 Deluxe Eraser, (or equal), Stripe and Pavement Marking, no-groove, tri-cut rotary planetary spindle eradicator in accordance with specifications listed above including one (1) set of 3, Erase-it, 24 pin tungsten carbide removal tools, SMITH part number PM3000 or approved equal. List Manufacturer: _____ Model/Make: _____ Year Model: _____	1	_____	_____
2	Optional Cutter Removal tools One set of 3 Erase-it, 48 pin pin tungsten carbide removal tools SMITH part number PM3000 or approved equal	1	_____	_____
3	Standard Economy Machine Wear Parts kit: Consisting of 1 - spindle assembly, 1 set of 6 rubber spindle bushings, 1 set of 3 metal spindle sleeves, 1 set of 3 LH nuts, 1 set of 2, foam grips , 1 vac port cap, 1 set of 4 rubber engine mounts, 1 set of 2 drive belt, 1 rubber dust skirt, 1 air filter for Honda gas engine.	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: _____



The easy rolling, bevel-edge, tri-cut rotary, scraping and smoothing action of SMITH Erasers will NOT groove like scarifiers or planers, neither will it undermine the surface like waterblasters.



LNX8 No-Groove Rotary Eraser with dust collection system



REMOVE FASTER