

LEAGUE CITY FIRE DEPARTMENT RESCUE TRUCK UPGRADES

BIDDER'S PROPOSAL PAGE

Bidder's information: Please print clearly or type information

Name of company bidding: Metro Fire Apparatus

Address: 17350 State Hwy 249 Suite 250

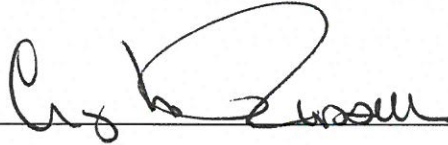
City: Houston State: Texas Zip: 77064-1142

Contact Name: Craig N Russell

Phone Number: 713-692-0911

E-mail address: crussell@mfas.cm

Proposal Amount: **\$ 46,268.00 (Forty Six Thousand, Two Hundred Sixty Eight Dollars)**

Signature:  Date: September 10, 2019

Title: President/CEO

Proposal good for how many days: 45 Days

LEAGUE CITY FIRE DEPARTMENT RESCUE TRUCK UPGRADES

BIDDER'S PROPOSAL PAGE

Bidder's information: Please print clearly or type information.

Name of company bidding: Wildfire Truck & Equipment

Address: 5313 Big Six Street

City: Alvarado Texas 76009 State: TX Zip: 76009

Contact Name: David Evans or Don Gibson

Phone Number: 888-452-2701

E-mail address: david@wildtruck.com don@wildfiretruck.com

Proposal Amount: 54,225.00

Signature: David Evans Date: 09/11/19

Title: President

Proposal good for how many days: 30 days

LEAGUE CITY FIRE DEPARTMENT RESCUE TRUCK UPGRADES

BIDDER'S PROPOSAL PAGE

Equipment Replacement:

Hazmat Vehicle Conversion - Quote 3

Bidder's information: Please print clearly or type information

Name of company bidding: Custom Creations

Address: 708 NEBRASKA

City: SOUTH HOUSTON State: TX Zip: 77587

Contact Name: "Gus"

Phone Number: 281-224-5326

E-mail address: GUS.SILVEIRA63@GMAIL.COM

Proposal Amount: \$52,000

Signature: [Signature] Date: 9-12-19

Title: owner

Proposal good for how many days: 30 days

LEAGUE CITY FIRE DEPARTMENT RESCUE TRUCK UPGRADES

Front of Cab

Remove all components on front bumper and Chevron Stripe using 3M Diamond grade 6" lime/green and red stripe, reinstall all components.

Change the two (2) outer emergency lights from a Whelen 600 red to Whelen M6 red with clear lens and a Whelen M6FC600 Chrome Adapter Flange – program the new Whelen M6 to random flash pinwheel.

Change the two (2) inner emergency lights from a Whelen 600 to Whelen M6 red/blue with clear lens and a Whelen M6FC600 Chrome Flange Adapter, locate the red portion of the light to the inner position - program triple flash rate.

Change Graphics on front of cab from Heavy Rescue to Squad – 3M gold with black outline. All lettering shall be individual lettering and printed as one letter, not an overlaid or two (2) part lettering. The red paint will need to be buffed prior to new lettering being installed.

Change headlight to LED

Add two (2) Whelen Pioneer 12-volt flood/spot combination lights added to the front of the cab above the windshield. Lights are to be controlled from inside of the cab on the dashboard with a lighted rocker switch.

Side of cab

Change the side of bumper emergency lights from a Whelen 600 to Whelen M6 red/amber with clear lens and a Whelen M6FC600 Chrome Adapter Flange. Locate the red portion of the light towards the front of the truck.

Change the over wheel emergency lights from a Whelen 600 to Whelen M6 red/blue with clear lens and a Whelen M6FC600 Chrome Adapter Flange. Locate the red portion of the light towards the front of the truck.

Add an upper Whelen M6 red/amber with clear lens and a Whelen M6FC600 Chrome Adapter Flange. The light is to be above the front cab doors, ahead of the scene light. Locate the red portion of the light towards the front of the truck.

Change the upper cab scene lights from a Whelen 810 to Whelen M9 scene lights. There will have to be a plate installed to cover the hole left in the side of the cab by removing the Whelen 810 scene light. This plate is to be painted to match the side of the cab.

Inside of Cab

Move the rear wall, center forward facing SCBA seat towards 15" the right-hand side of the cab on the rear wall, leaving approximately 3" between the fold down seat and the SCBA seat. Build and install a custom EMS compartment to fit between the SCBA seat and the fold down seat on the left-hand side of the rear wall.

There shall be an EMS cabinet built and installed on the rear cab wall with two (2) openings designed into the compartment, one (1) forward facing and one (1) driver's side facing door opening. The finish of the cabinet shall be Black Line-x on the outer an inner material. There shall be two (2) Uni-strut strips installed on each side wall to allow adjustable shelves to be installed.

- The EMS cabinet shall be approximately 24" wide x 18" deep x 52" tall. There shall be a side opening of the cabinet facing the driver's side. The side opening shall be at 18" wide x 18" tall. This portion of the cabinet shall house an AED 11" x 12" x 5" and a small EMS bag.
- The EMS cabinet opening shall be towards the front of the truck. The opening shall be 18" off from the floor of the cab and shall have a 32" tall opening x 22" wide with webbing secured to the officer's side and three (3) metal seatbelt buckles on the driver' side. The front of the compartment shall have a 1" lip on the sides and a 2" lip at the top.
- There shall be two (2) adjustable shelves installed in the compartment. The shelves shall not be Line-x, but shall be non-DA finished, natural finished.
- The compartment shall have an OnScene full length light that is controlled by a switch on the driver's side of the compartment.
- There shall be one (1) six (6) position Blue Seas fuse blocks installed in the compartment for powering electrical charging components.
- Install a duplex 20-amp 120-volt shore power electrical plug with a six (6) position power strip. The power strip shall be wired to allow power to the strip when the truck is plugged into the station through the current Kussmaul Auto Eject.

Provide a D&S webbing for the RIT pack at the back of the engine tunnel. The design shall match the current engine design.

Install a metal holder for the K-tool inside the cab. The bracket shall be Line-X for durability. Exact location will be determined during pre-construction.

Side of Body

Officer's side first body compartment, R1, build from metal and plastic an insert to hold saws, gas cans that are currently stored in a slide out tray on the floor of this compartment. All equipment shall be mounted and secured. The estimated size of the insert shall be 37.25" wide x 23.75" deep. The insert shall consist of a 1/2" plastic floor with metal and plastic mounts to hold the saws.

There shall be a fire extinguisher storage compartment made and fabricated from 3/16" aluminum material and be designed to hold three (3) fire department supplied extinguishers. Exact location for installation of this compartment will be determined at pre-construction.

There shall be a box made with folding handles to install collapsible cones. The box shall be constructed from 1/8" aluminum material. The box shall be sanded for a DA finished with folding spring-loaded handles on each side of the box.

All compartment doors on the side of the truck shall have new ROM door switches installed on the door handle on the body, both sides of the switch shall be replaced, wired and verified proper operation on all eight (8) side body doors.

Change the four (4), two (2) each side upper emergency lights from a Whelen 900 red to Whelen M9 red/Blue with clear lens and a Whelen M9FC900 Chrome Adapter Flange – locate the blue portion of the lights to the inner position of the truck.

Change the four (4), two (2) each side upper scene lights from a Whelen 900 to Whelen M9 with clear lens and a Whelen M9FCZ900 Chrome Adapter Flange.

Change the four (4), two (2) each side upper body 120-volt halogen scene lights to Whelen halogen to Whelen 120-volt Pioneer spot/flood scene lights. The body will have to be modified to insure proper fitting of the new lights.

Change the two (2), one (1) each side, wheel well emergency lights from a Whelen 600 red to Whelen M6 red/blue with clear lens, red portion of the light shall be forward facing.

Change the two (2), one (1) each side, side rear tailboard emergency lights from a Whelen 600 red to Whelen M6 red/amber with clear lens, red portion of the light shall be rearward facing.

LEAGUE CITY FIRE DEPARTMENT RESCUE TRUCK UPGRADES

Rear of Body

Remove the upper Whelen amber 900 light and replace the light with a Whelen M9 red warning light with a Whelen M9FC900 Chrome Adapter Flange, both sides of rear.

Remove the lower upper Whelen Red 900 light and replace the light with a Whelen M9 Red/Blue (red to outer position) warning light with Whelen M9FC900 Chrome Adapter Flange, both sides.

Remove the upper body Whelen 900 Scene light to a Whelen M9 with a Whelen MFCZ900 Chrome Adapter Flange, both sides.

Add a 3M non-reflective 4" black stripe to the upper portion of the body.

Add eight (8) Whelen WIONSMA Amber lights with clear lens and black bezels at the top of the rear body, on top of the black 3M non-reflective stripe. The lights are to be controlled with Whelen TACTL6 Control Head, installed with bracket in cab within easy reach of the driver.

Replace the license plate bracket and light with a Cast Products LP0004-B license plate holder and LED light.

The rear compartment door at the rear of the truck shall have new ROM door switches installed on the door handle on the body, both sides of the switch shall be replaced, wired and verified proper operation.

Graphics

Change the graphics on the front of the truck – from Heavy Rescue to Squad 4

Change the graphics on the side upper body – from Heavy Rescue to Haz Mat / Rescue

It will require buffing the paint. If buffing the paint does not help the fading of the removed lettering, then the upper body and front of the cab shall be “wrapped” with matching red vinyl prior to lettering being applied.

The American and Texas Flags shall be removed, and new flags shall be installed.

Remove graphics on both rear side body doors. On the driver's side install the NFPA Haz Mat Diamond. On the officer's side, install a Rescue patch to be determined at pre-construction. The maximum area for application will be 48" wide x 40" tall.

Provide black non-reflective trip on the upper rear body.

All graphic material, design and installation shall be provided by the successful bidder.

A graphics proof shall be supplied for fire department approval prior to graphics being installed.



MUSTANG CAT

LET'S WORK TOGETHER

Machine Sales Quotation

Reference# 16403-3 Unit 609

April 4, 2019

Yvonne Calderon
CITY OF LEAGUE CITY
300 W WALKER
LEAGUE CITY, 77573

Mustang CAT Sales Representative

Stuart Newton
Mobile: 832-540-9086
SNewton@mustangcat.com

Mr. Calderon,

Thank you for considering Mustang CAT. Our proposed solution for your needs is summarized below with additional detail on the following page or pages. Please review this proposal thoroughly. Our recommended solution is based on our current understanding of your requirements. Please contact me if your requirements have changed or if you have any questions about the products and services we are recommending.

We hope to earn your business and look forward to working with you. When you are ready to move forward, please sign and date on the bottom of page one and return it to me.

Mustang CAT recommended solution for End of Year Budget 430F2

CAT Machines

301.5 301.5 05A MHE DCA1A (pre-tax)

\$27,784.32

Total Investment (pre-tax):

\$27,784.32 Subtotal

Accepted by:

Printed Name

Date

Customer Signature



Approved by Line Repair

Model:	301.5	
Serial No.:	TBD	
ARRANGEMENT		
OPTION	DESCRIPTION	LIS
558-1305	301.5 05A MHE DCA1A	\$33,420.00
0P-9001	LANE 1 ORDER	
0P-2266	SHIPPING/STORAGE PROTECTION	\$ 207.00
0P-4299	PACKING, LAST MILE PROGRAM	
0P-2266	SHIPPING/STORAGE PROTECTION	\$ 207.00
0P-4299	PACKING, LAST MILE PROGRAM	
MACHINE LIST PRICE:		\$33,834.00
ATTACHMENTS		
541-8350	BUCKET-GP, 16", 0.052YD3, 1T	\$ 567.00
ATTACHMENTS LIST		\$ 567.00



List Price FOB Factory:	\$34,401.00
Dealer Discount:	(\$6,616.68)
Make Ready:	Included
Factory Freight:	Included
Warranty:	Included
Total Trade-In:	N/A
Subtotal:	\$27,784.32
Sales Tax:	N/A
Heavy Equipment Fee:	\$ 64.07
Diesel Surcharge:	N/A
Document Fee:	N/A
Total Sale Price:	\$27,848.39



MUSTANG CAT

LET'S WORK TOGETHER

Machine Sales Quotation

Reference# 16403-2 Unit 619

April 1, 2019

Yvonne Calderon
CITY OF LEAGUE CITY
300 W WALKER
LEAGUE CITY, 77573

Mustang CAT Sales Representative

Stuart Newton
Mobile: 832-540-9086
SNewton@mustangcat.com

Mr. Calderon,

Thank you for considering Mustang CAT. Our proposed solution for your needs is summarized below with additional detail on the following page or pages. Please review this proposal thoroughly. Our recommended solution is based on our current understanding of your requirements. Please contact me if your requirements have changed or if you have any questions about the products and services we are recommending.

We hope to earn your business and look forward to working with you. When you are ready to move forward, please sign and date on the bottom of page one and return it to me.

Mustang CAT recommended solution for End of Year Budget 430F2

CAT Machines

430F 4E CA	430F2 BACKHOE LOADER DCA1 (pre-tax)	\$122,774.32
------------	-------------------------------------	--------------

Warranties

430F 4E CA	Warranty: 1st Year Premier/Unlimited Hours; Year 2 & 3, 5000 Hours Powertrain + Hydraulics + Tech	Included
------------	---	----------

Total Investment (pre-tax): \$122,774.32 Subtotal

Accepted by:

Printed Name

Date

Customer Signature

A handwritten signature in blue ink, likely belonging to Stuart Newton, is written over a horizontal line.

Approved by Line Repair

Model:	430F 4E CA	
Serial No.:	TBD	
ARRANGEMENT		
OPTION	DESCRIPTION	LIS
540-0799	430F2 BACKHOE LOADER DCA1	\$147,470.00
0P-9001	LANE 1 ORDER	
337-7436	BUCKET-MP, 1.3 YD3, PO, BRKTS	\$6,911.00
9R-5321	CUTTING EDGE, TWO PIECE	\$ 331.00
533-0488	TIRES, 340 80-18/500 70-24, MX	\$1,645.00
491-6734	WORKLIGHTS (8) HALOGEN LAMPS	
430-9945	INSTRUCTIONS, ISO	
430-9944	INSTRUCTIONS, ANSI	
206-1747	BELT, SEAT, 2" SUSPENSION	
9R-1085	STABILIZER PADS, STREET	
219-3387	BUCKET, HD, 24", 6.2 CFT	\$1,717.00
219-3386	BUCKET, HD, 18", 4.2 CFT	\$1,508.00
421-8926	SERIALIZED TECHNICAL MEDIA KIT	
461-6839	SHIPPING/STORAGE PROTECTION	\$ 203.00
462-1033	RUST PREVENTATIVE APPLICATOR	\$ 108.00
0P-0210	PACK, DOMESTIC TRUCK	
MACHINE LIST PRICE:		\$159,893.00

ATTACHMENTS



List Price FOB Factory:	\$159,893.00
Dealer Discount:	(\$37,118.68)
Make Ready:	Included
Factory Freight:	Included
Warranty:	Included

Total Trade-In:	N/A
Subtotal:	\$122,774.32

Sales Tax:	N/A
Heavy Equipment Fee:	\$ 283.12
Diesel Surcharge:	N/A
Document Fee:	N/A
Total Sale Price:	\$123,057.44



Product Quotation

Quotation Number: 28712D029148

Date: 2019-10-01 11:38:35

Ship to	Bobcat Dealer	Bill To
City of League City Attn: Mike Crandall 1535 Dickinson Avenue League City, TX 77573	Bobcat of Houston/Pearland, Houston, TX 14525 ALMEDA SCHOOL ROAD HOUSTON TX 77047 Phone: (713) 413-2200 Fax: (713) 412-2204 ----- Contact: Doug Bennett Phone: (713) 413-2200 Fax: (713) 413-2204 Cellular: 713-478-1336 E Mail: bennett@bobcatofhouston.com	City of League City Attn: Mike Crandall 1535 Dickinson Avenue League City, TX 77573

Description	Part No	Qty	Price Ea.	Total
T770 T4 Bobcat Compact Track Loader	M0285	1	\$73,101.00	\$73,101.00
Factory Installed P67 Performance Package	M0285-P06-P67	1	\$6,099.00	\$6,099.00
Power Bob-Tach	2-Speed			
7-Pin Attachment Control Kit	Hydraulic Bucket Positioning			
High Flow				
C23 Comfort Package	M0285-P07-C23	1	\$4,752.00	\$4,752.00
Enclosed Cab with AC/Heat	Standard Panel			
Sound Reduction	Adjustable Suspension Seat			
Cab Accessories Package				
Telematics US	M0285-R51-C02	1	\$0.00	\$0.00
Attachments 80" Severe Duty Bucket	7326129	1	\$1,622.00	\$1,622.00
--- Bolt-On Cutting Edge, 80"	6718008	1	\$244.00	\$244.00
Total of Items Quoted				\$85,818.00
Trade-in 2019 S650 SN# ALJ825658				(\$40,624.00)
Discount Municipal Discount				(\$29,102.48)
Sales total before Taxes and Trades				\$16,091.52
Taxes: Muni Swap Disposition				\$1,500.00
Quote Total - US dollars				\$17,591.52

Notes:

All prices subject to change without prior notice or obligation. This price quote supersedes all preceding price quotes.

Customer Acceptance:

Purchase Order: _____

Authorized Signature:

Print: _____ Sign: _____ Date: _____



TV450 T4 FINAL
US PRICE LIST

Models

COMMERCIAL MODEL	Weight	Factory Data	List Price
TV450 T4 FINAL.	10,000 LB		\$91,900.00

**TV450 T4 FINAL
US PRICE LIST**

Factory Supplied Options

Order Code	Description	Weight	Factory Data	List Price
------------	-------------	--------	--------------	------------

CONTROLS AND TRANSMISSION

SD 01401 DRIVE CONTROL TYPE

	761040	Hand Controls H-Pattern/Mechanical			No Charge
	761041	Hand and Foot Controls Hand (Loader Drive), Foot (Bucket and Boom)			No Charge
	761042	E-H Controls Electro-Hydraulic Switchable (ISO-H Pattern) Controls			No Charge

SD 01100 CONTROLS LEVEL

	761029	2 Speed Mechanical Controls			(\$2,095.00)
	761031	2 Speed E-H Controls			No Charge

ROPS/CAB

SD 05009 CAB

	761043	Open Cab (No Heat or HVAC) with top window and keyed start			(\$5,320.00)
	761045	Enclosed Cab with HVAC Includes side windows, front glass door with wiper, shoulder belt, radio with speakers and keyless start			No Charge
	761183	Enclosed Cab w/HVAC -Demo Door Includes side windows, 1/2" polycarbonate front glass door with wiper, shoulder belt, radio with speakers and keyless start			\$1,781.00

SD 05016 OPEN CAB TRIM


	X05016X	No Open Cab Interior Trim Pkg			No Charge
--	---------	-------------------------------	--	--	-----------

SD 05185 CAB SEAT

	761052	Suspension Seat (Vinyl)			(\$582.00)
	761062	Air Ride Suspension Seat (Fabric) with temperature control (may not be ordered with Open Cab option 761043)			No Charge

SD K6480 HEAVY DUTY FRONT LIGHTS

	761201	Heavy Duty Front Lights			No Charge
--	--------	-------------------------	--	--	-----------

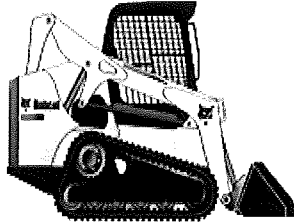
BOBCAT COMPANY SUGGESTED PRICE LIST - 01-01-2019	
 <h1>Bobcat Company</h1>	
<p>ORDER ADDRESS: CLARK EQUIPMENT COMPANY dba BOBCAT COMPANY 250 EAST BEATON DRIVE PO BOX 6000 WEST FARGO, ND 58078-6000</p>	
Government Sales Points of Contact:	Phone:
Heather Messmer - Government Accounts Sales Support Mgr. heather.messmer@doosan.com	(701) 241-8719
Jesse Rheault - Government Contracts Manager jesse.rheault@doosan.com	(701) 241-8759
Randy Fuss - Director, Government Accounts randy.fuss@doosan.com	(701) 241-8746
TOLL FREE #: 800-965-4232, Opt#2 FAX#: 701-280-7860	
PROMPT PAYMENT TERMS: Net 30 TIME OF DELIVERY: 60 to 90 Days ARO COMMERCIAL CREDIT CARD: Accepted (Visa/Mastercard/American Express)	
TID#: 38-0425350	
REMIT TO ADDRESS: CLARK EQUIPMENT COMPANY dba BOBCAT COMPANY 75 REMITTANCE DR, SUITE 1130 CHICAGO, IL 60675-1130	
Product	Discount Percent
SSL	30.0%
CTL	30.0%
AWS	30.0%
Loader Attachments	24.0%
MX (Excavators)	30.0%
MX - E63/E85	30.0%
MX Attachments	24.0%
MT	24.0%
MT Attachments	24.0%
Toolcat	15.0%
Toolcat Attachments	24.0%
Utility Vehicles	20.0%
UV Attachments	24.0%
Versahandler	24.0%
VH Attachments	24.0%



Roller suspension carriage is not available with single speed

Part	Compact Track Loader	SLP in US\$	Discount Percent	Price
Number	Description			

M0285	T770 Compact Track Loader (equipped with Fir	\$73,101.00	30.0%	\$51,170.70
-------	--	-------------	-------	-------------



Part	Air Conditioned/Heated Cab Packages	SLP in US\$	Discount Percent	Price
Number	Description			

M__-P01-A71	A71 Option Package	\$10,670.00	30.0%	\$7,469.00
M__-P01-A61	A61 Option Package	\$7,139.00	30.0%	\$4,997.30

<u>A61</u>	<u>A71</u>
Enclosed Cab with AC/Heat	Enclosed Cab with AC/Heat
Cab Accessories Package*	Cab Accessories Package*

Power Bob-Tach	Power Bob-Tach
Two Speed, 3 pt Seat Belt	Sound Reduction
Hydraulic Bucket Positioning	Deluxe Instrument Panel with Keyless Start
	Attachment Control Kit

Part	Open Cab Packages	SLP in US\$	Discount Percent	Price
Number	Description			

M__-P01-O61	O61 Option Package	\$1,842.00	30.0%	\$1,289.40
-------------	--------------------	------------	-------	------------



Truax Company
4300 Quebec Ave No
New Hope Mn 55428

New Equipment:
Seed Drill Quote - Park Operations
9/24/2019

Rusty Bolen
League City, Texas
281-554-1159
rusty.bolen@leaguecitytx.gov

Row Space 7-13/16"
Planting Width 4 '
Overall Width 5 '
6 Row
3 Point Style Hitch
FLXII 86-U

Quote for Truax "FLEXII" Drills

Standard Grass (Fluffy Box & Small Seed Box)	7,756.00
Cool Season Box	2,293.00

TOTAL FOB Minneapolis	10,049.00
Estimated Freight	1,300.00
Grand Total	\$11,349.00

OPTIONS TO CONSIDER

No-Till Choice of 4 Styles	2,628.00
3-point Quick Attach	417.00
Acre Meter - Digital	219.00
Calibration Scale	75.00
Footboard Brackets	45.00
Output Reduction Kit Rear Drive	120.00
Parking Stands Pin Style	93.00
Row Dividers Cool Season / Grain Box	103.00
Tail Lights	219.00
Tool Box	107.00
Walkboard - Open Grid Grate - Utility	371.00
Spare Tire Mount /Lockable	124.00
Foam Filled Tire (Utility Only)	222.00

This quotation is good until December 31st, 2019. TOTAL COST WITH OPTIONS: \$16,092

The customer is responsible for arranging delivery location, forklifts and manpower to off load the machine.

We will provide ETA of delivery.

Estimated freight is based on machine delivery Zip code.

We will provide a revised quote based on any changes requested.

To place an order, sign the quotation and Fax to 763-537-8353

Or E-mail to Truax3@qwestoffice.net.

Please give us a call with any questions. 763-537-6639.

Thank You,
James R. Truax



4300 Quebec Avenue N
New Hope, MN 55428

September 23rd, 2019

Rusty Bolen
League City, Texas
281-554-1159
rusty.bolen@leaguecitytx.gov

Subject: "Sole Sources" & Unique Features" of Truax Drills.

Dear Mr. Bolen,

Thank you for your continued interest in the Truax grass drills. During the last 44 years the TRUAX COMPANY has manufactured native grass drill planters and has shipped them worldwide.

The TRUAX Company is sole source for our drills because it is difficult, if not impossible, to distribute through the traditional agriculture channels any equipment that is used in such widely diverse areas and conditions.

The Truax grass drills are designed to meter and plant the native prairie grasses on rough and rugged sites with the same degree of precision as can be achieved with row crop planters. The native grasses and forbs require an even higher degree of soil to seed contact than do cool season grasses and grains. The Truax achieves this with several unique features.

- 1) Seed is delivered between double discs rather than behind the discs for placement in the soil rather than on top.
- 2) Depth bands on ALL double discs - FOR PRECISE CONTROL OF SEED PLACEMENT
- 3) Independent seed rate adjustments-changing one box rate will not affect the others.
- 4) Metal row dividers in fluffy box and legume box-prevents skips when seeding hill sides.
- 5) Straight line seed drop from boxes to planters-prevents plugging of hoses.
- 6) Three sets of scrapers on each planter assembly-allows discs to cut through trash to place the seed.
- 7) Concave, notched no-till blades-prevent hair pinning of litter.
- 8) Press wheels mounted independently of planters-allows planters to follow contour.
- 9) Deraileur style speed changers for quick changes of output from the fluffy box.

Sincerely,

James R. Truax
President