

ADDENDUM #2 Public Works - Road Maintenance Plow Trucks RFP # 7390-22

November 9, 2022

The attached addendum supersedes the original Information and Specifications regarding RFP # 7390-22 where it adds to, deletes from, clarifies or otherwise modifies. All other conditions and any previous addendums shall remain unchanged.

ATTENTION:

An addendum was issued earlier on one of our online platforms due to a data entry error. While this is the second addendum related to this RFP, this is the only one that contains new information regarding this procurement.

Please note: Due to COVID-19, BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org.

Please see page 5 for Tandem Axel Specifications.

 Question: The specification page states that you are going to purchase (2) AWD and (3) tandem snowplows. Are there specifications for the tandem chassis or equipment? Pages 6-27 only have the requirements for the (2) AWD, nothing for the (3) Tandems.

ANSWER: We will provide requirements for tandems.

2. Question: Will there be a spec for the tandem chassis and equipment?

ANSWER: Yes. We will provide specifications for tandems.

3. Question: Will you encourage cooperative purchasing with this RFP?

ANSWER: We will accept cooperative pricing.

4. Question: Will there be specifications for the following - Wing Plow & Extendable Plow?

ANSWER: Yes, we will provide these specifications.

5. Question: Page 6 Item 1 - Will another RFP and specifications document be released for the stated tandem axle trucks?

ANSWER: Yes, we will provide these specifications.

6. Question: Page 6 Item 2 - Does the county know the breakdown of 4x4 vs. tandem trucks it wishes to purchase in the 2023 budget cycle?

ANSWER: Yes, 4 AWD and 1 Tandem.

7. Question: Page 13 - Description of a stack valve and electronically controlled section could indicate two different valve models. Will the county clarify if the valve is to be full electric or if only the spreader controls are to be electric?

ANSWER: Spreader controls and valve controls will be full electric.

8. Question: Page 15 - Heavy Duty Front Plow, Model MP48R12-ISSBT-CO, 316, LL, Angle Iron PF. The model number would indicate a 3/16 moldboard skin. One-piece A569 10-gauge steel roll formed moldboard...
Will the county clarify if the plow is to be 3/16 or 10 gage for the moldboard skin?

ANSWER: preferably 3/16 in moldboard skin.

9. Question: Without a flat plate style of hitch where does the county wish to have the two jacks being requested located?

ANSWER: closest to the A frame mounting points.

10. Question: The described "single pick point level lift" conflicts with the Page 16 "PLOW LIFT RAM NOTE: ADD TWO -2- CHAINS FROM TOP PIVOT POINT OF CYLINDER DOWN TO BASE MOUNTING ANGLE". Will the county clarify which pick it is requesting?

ANSWER: We are requesting a single pick point level lift.

11. Question: Page 16 - Under body scraper. Does the county wish to require the 5" center pin to be "piloted into the hanger board" so as to take the stress off the 3 mounting bolts?

ANSWER: It preferably would be plotted into the hanger board if the truck configuration allows for it. We are open to comparable alternatives as well.

12. Question: Does the county wish to require the curl cylinders to be trunnion mounted for ease of service?

ANSWER: Trunnion mounting for curl cylinders is not required.

13. Question: Does the county wish to require a central grease bank requirement for maintenance of the scraper?

ANSWER: No. We prefer not to have a central grease bank due to the high failure rate we had in the past with these.

14. Question: Page 17. Are the described "artic hoses" only required for the scraper function?

ANSWER: We want all hydraulic hoses to rated as artic hoses not just scraper hoses.

15. Question: Page 18 - Salt Sand Spreader - Model number MSV-144-84-56-604-10/76:1 -2.0 SFT. The model number would indicate material thickness of 10 gage sides/supports and 7 gage longsills. Given the county's issue with chassis mounted sanders cracking with the 12 longsills and 10 gage sides & supports material. Will the county clarify desired material descriptions of 7 gage longsills and 10 gage sides & supports?

ANSWER: This was based on a Monroe brand product we have purchased in the past that performed well. The 7-gauge longsills and 10-gauge sides would be made of 304 stainless steel.

16. Question: A 4" x 6" stainless steel box beam will be elevated 3" above the top edge of the hopper. Will the county accept a 6"x9# wide flange "H" beam powder coat mild steel center beam to support the top screens?

ANSWER: We would prefer this box beam be made of 304 stainless steel due to the constant contact with granular salt. If stainless is not available, we could consider the H beam be made of mild steel.

17. Question: Page 19 - Will a full width light bar that incorporates all the desired lights be acceptable?

ANSWER: No. reason being is the integrated lighting has proven reliability and are placed out of harms way by being recessed. Recessed lighting is also typically more cost effective.

18. Question: Q. Will the county require the auger tube to be 7" schedule 80 to reduce auger failure?

ANSWER: if the auger setup is of comparable durability would consider it.

- 19. Question: Will the county accept a 3.6"1 planetary with a 24.9 cu in motor in lieu of the descripted direct couple motor?
 ANSWER: We prefer direct couple motor because it is a simpler setup with fewer moving parts. We would consider a planetary setup depending on cost.
- 20. Question: Does the county want to require a dump over chute on the spinner assembly for easier unloading of the material?

ANSWER: No, we do not have this on any of our spreaders.

21. Question: Does the county want to require a hydraulic pipe for the plumbing alongside the V-box from the front of the sander to the rear as has been provided in past builds?

ANSWER: Yes. This saves us a lot of failures and leaks with hydraulic systems.

22. Question: Page 21 Item 4. What is the base description for the optional wing?

ANSWER: NA

23. Question: Page 22. Will the parallel lift plow be based on the basic dimension and features of the base plow.

ANSWER: YES. 12ft and the same moldboard

24. Question: Page 23 - Guarantees and warranties. "Units furnished here under shall be fully warranted (bumper to bumper) on parts and labor for a minimum of 3 years." Does this statement relate to the chassis only? Or does this include all installed hydraulic and snow and ice equipment?

ANSWER: 3 years on the chassis

Tandem Axle Snowplow Truck	
	(LIST SPECIFIC INFORMATION IN ANSWER SECTION FOR EACH ITEM)
Information Requested	Answer
Cab and Chassis Model Proposed: TRUCK- Mack GU812, Western Star 4700 or Proven Equal, Day	
Cab	
1800 rpm pe1650 lb-1850ft max torque	
@1100-1400 rpm, turbo charge, after	
cooled, engine governor type MIN-MAX.	
CRANKSHAFT ADAPTOR: Crankshaft	
adaptor for front mounted hydraulic pump	
CARB 2008 IDLE REGULATION: Idle	
emission certification CARB 08, Engine	
idle shutdown	
EMISSIONS: Must meet current federal	
and state emissions standards	
ENGINE BRAKE: 3 Levels Jacobs or	
ELECTRONIC ENGINE AND POWER	
TRAIN COMPONENTS: Programed for	
62 mph top end speed	
KEYS: 3 sets of keys	
CRUISE CONTROL: Electronic	
FUEL FILTERS: Primary and secondary	
AIR CLEANER: Dry type under hood	
single element, in cab restriction monitor	
AIR-INTAKE: Inside and outside air	
intake w/in-cab control for snowplows	
LUBRICATION SYSTEM: Full flow	
with spin on filters	
EXHAUST SYSTEM: Bright finish, heat	
silicity, 9 0 from ground, stack, and SCR	
mounted lower diffuser turned end	
exhaust heat shield. DEF tank 10 or more-	
gallon, painted finish left side frame	
mounted, exhaust after treatment system	
diesel particulate filter ceramic passive	
regen w/emission on board diagnostics	

COOLING SYSTEM: Heavy duty, with	
permanent antifreeze, -40 degree	
protection with conditioning & filter,	
silicone radiator and heater hoses,	
electronically modulated fan drive, bug	
screen black aluminum mounted behind	
grille and winter front cover	
FUEL-WATER SEPARATOR: fuel filter	
12V/electrical heater w/internal fuel/water	
separator	
ENGINE BLOCK HEATER: 120 Volt,	
1500-Watt female plug located driver side	
kick panel	
TRANSMISSION: FULLER RTLO-	
16913A (12.31/0.73), or equivalent 13	
speed. Transmission oil cooler (integral	
oil pump), Eaton Fuller shifter, 50 weight	
synthetic lubricant, aluminum bell	
housing, remoter lube fittings clutch	
release bearing and both cross shafts	
mounted under left hand hood, driveline	
Spicer SPL250XL extend lube series	
FRONT STEERING: TAS66+RCH60	
TRW Power, dual steer gearbox or proven	
equal. NOTE: Due to recent steering	
issues please ensure steering gear listed	
will provide safe steering before and after	
4X4 conversion	
STEERING COLUMN: Adjustable tilt &	
telescope	
ELECTRICAL SYSTEM: 12 Volt with	
Three (3) low maintenance 650/1950 cold	
cranking amps, shock pads under battery,	
battery box shall be complete steel	
enclosures (front, sides, and bottom) with	
aluminum box cover, mounted right side	
behind SCR, and two emergency start	
studs	
BATTERY DISCONNECT SWITCH:-	
wired on negative side, inside driver's	
door on floor	
ENGINE STARTING AID: Electric	
preheater, idle up technology with	
maximum increase of 10 minutes	
ELECTRIC CIRCUIT PROTECTION	
PACKAGE: 12 volt with circuit breakers	
ELECTRONIC BODY BUILDER	
HARNESS: For simplicity of body	
company tying into truck electric system	

WIRING HARNESSES – All chassis and	
power harness with heavy duty casing	
LIGHTING – Long life LED or halogen	
head lights with daytime running feature,	
dual face turn signals, fog lights, all	
lighting, and reflectors to meet Federal	
Motor Vehicle Safety Standard FMVSS	
and DOT regulations, LED lighting	
INTERIOR LIGHTING: Dome lamps,	
door and switch activated	
CLUTCH TRANSMISSION	
EQUIPMENT: EATON/FULLER	
Shifter, CL39DC EATON advantage ez-	
pedal, 9 spring, 2 plate, 15.5" ceramic	
clutch, 4 paddles, manual adjustment,	
Two-piece clutch break, open grated	
clutch pedal, clutch assist mechanical	
cable	
ALTERNATOR: LEECE NEVILLE 12-	
V 160AMP, Brush type or equivalent	
WINDSHIELD WIPERS: 2 speed	
electric motor with intermittent feature	
INSTRUMENTATION: Provide the	
following gauges: oil pressure, water	
temperature, dual air pressure, brake	
application, transmission temperature,	
forward axle temperature, rear axle	
temperature, low oil pressure, high engine	
temperature and low air pressure, and fuel	
gauge. Low oil pressure, high engine	
temperature and low air pressure shall	
have a visual and audible warning.	
Provide the following meters:	
speedometer, tachometer, odometer, and	
hour meter	
HORNS: Dual note electric and cab	
mounted air norn with snow covers	
AIK BRAKE SYSTEM: Drum type,	
wabco 318 18. / ctm., AD-9 heated,	
wabco air dryer, 1200UP w/1 cutoff	
valve, ADSP spin on style cartridge, with	
coalesce oil filter, neated automatic drain	
valve, heated supply tank, w/lanyards on	
all other tanks	

WHEELBASE: 5125MM (202 INCH)	
WHEEL BASE Manufacturer & body	
huilder may change specs based on	
mounted snow removal equipment	
mounted show removal equipment	
FRONT AXLE: DETROIT DA-F-23.0-	
5 23.000# FL1 71.0 KPI/3.74 DROP	
SINGLE AXLE or equivalent	
FRONT BRAKES: Per manufacturer	
specifications: Meritor S cam type16.5" X	
6° O+, external cast iron removable brake	
drums, Meritor R403 brake lining, Haldex	
automatic slack adjusters, front brake	
chambers manufacturer specified	
REAR AXLE:	
RT-46-160P 46.000# R-SERIES	
TANDEM REAR AXLE or equivalent	
TUFTRAC suspension or equivalent	
AXLE RATIO'S' Geared for urban &	
mountainous use with the top end speed	
of 68mph, capable of 13% grades for	
extended periods of time 4 10 Ratio or	
equivalent	
REAR AXLE BRAKES Per	
manufacturer: Meritor-cam type 16 5"X 7	
P brakes cast iron external removable	
drums without removal of axle shafts	
Haldex automatic slack adjusters rear	
brake chambers manufacturer specified	
Meritor R403 lining	
TIRES AND WHEFT S. All wheels to be	
steel hub piloted 10 hole with 425/65R	
22.5 Tubeless radial highway on front	
(appropriate load rating) traction tread on	
rear 12/R22 5 (appropriate load rating)	
one snare rear tire and wheel with traction	
tread per unit front and rear wheel	
onards	
TRACTION CONTROL SVSTEM: APS	
sensor AS/AM system rear whoal songers	
anti-lock brake system with Rendiv	
traction control Bandiy switches and	
uaction control, Denuix switches and	

valves where possible	
-	
MUD FLAPS: Front & Rear-in front of	
and behind tandem axles. Front Mudflaps	
will be solid aluminum, rears will be	
flexable rubber.	
BUMPER: Bumper position extended 20"	
(snow), front & rear tow hooks	
FRAME: Front frame-integral front	
frame extension (not welded or bolt on	
type). Frame Rails Steel 300MM x	
90MM, (11.81" x 3.54" x 0.37"), Frame	
reinforcement-inside, 5mm steel, full	
length of main rail, cross members back	
of cab and intermediate(s) steel heavy	
duty back-to-back channel, rear I-beam	
cross member	
CAB TYPE: Day Cab MACK GU812 R	
or equal, w/cab fender extensions	
CAB GLASS: Tinted heated front	
windshield, tinted side & rear windows,	
peep window passenger side	
INTERIOR TRIM LEVEL: Purebred	
slate gray	
CAB INTERIOR: All vinyl, vinyl	
covered headliner, hood insulation, in	
dash storage	
DASH MOUNTED SWITCHES: Six	
assignable bodybuilder dash switchers (5	
on-off, 1 momentary)	
TURN SIGNALS: Self-canceling	
SEATS (CLOTH UPHOLSTERY):	
Driver seat to be Air-Bostrom Talladega	
915 wide ride, hi back 4 chamber air	
lumbar, passenger seat fixed high back	
w/integral storage compartment	
STEERING WHEEL: 2 spoke urethane	
grip, charcoal spokes, w/o switches	
SEAT BELTS: Driver and passenger	
with lap and shoulder harness	
AIR CONDITIONING/HEATER: Air	
Conditioning, Heater, and defroster	
INTERIOR SUN VISORS: Drivers and	
passengers' side	
EXTERIOR VISOR: Fiberglass exterior	
color white to match cab	

RADIO: AM/FM Stereo, CD player,	
MP3, weather band, hands-free interface,	
Bluetooth, auxiliary input port, antenna	
mounted driver's side behind driver's	
door, radio mounting reinforcement in	
header console, includes auto radio	
shutoff when truck is in reverse gear,	
speakers mounted appropriately for sound	
quality	
MIRRORS: Bright finish left & right	
hand 8" heated convex, aerodynamic	
moto mirror package, left hand & right	
hand motorized heated w/weatherproof	
external plug at mirror	
TILT HOOD: Front tilting fiberglass	
hood, hood tilt locking hatch, anodized	
aluminum bright finish stationary grille	
AIR INTAKE GRILLE: Bright finish	
grille, air restriction indicator	
GRAB HANDLES: Bright finish grab	
handles	
FRONT BUMPER: Heavy duty with two	
(2) tow hooks or eyes, frame mounted	
SAFETY ITEMS: 5-lb. ABC Rated,	
mounted between left hand seat base and	
door, with valve aimer rearward, reflector	
kit mounted	
BACKUP ALARM: ECCO back-up	
alarm 575 constant sound level 107 dB	
FUEL TANK: Sidestep mount, driver	
side (LH), 116 gallon or larger aluminum,	
braided fuel lines	
EXTERIOR PAINT COLOR: Prime and	
paint truck chassis white w/urethane clear	
coat	
SAFETY PACKAGE: Windshield	
wipers forced to slowest intermittent	
setting when parking brake set, headlights	
automatically on when windshield wiper	
is on, parking brake alarm sounds when	
parking brake is not set and any door is	
opened, brake lights override hazard	
lights	

HYDRAULIC EQUIPMENT	
HYDRAULIC PUMP: The hydraulic	
pump shall be a U.S. manufactured axial	
piston pressure and flow compensated	
load-sensing type. The pump shall be	
rated to 4.67 cubic inches per revolution	
at maximum stroke which will deliver	
19.2 GPM @ 1000 engine RPM. The	
pump shall have a 2" inch suction line	
and ³ / ₄ " case drain line plumbed directly	
back to the reservoir. The pump shall be	
rated for 4000 PSI maximum and 3500	
PSI continuous. The pump shall have a	
severe duty, high pressure outboard	
Teflon shaft seal that protects the pump	
shaft bearing and seal from external	
contamination and salt spray. The pump	
shall be a Force America FASD34 right	
hand rotation for REPTO application	
MOUNTING	
The hydraulic pump shall be mounted	
with shaft centerline parallel to the	
crankshaft centerline and at a level to	
create not more than a <u>three-degree angle</u>	
on the driveline. The pump mounting	
shall be incorporated with a bracket	
radicated to mount in the extended frame	
line nydraune pump snan be driven	
directly off the engine crankshall via a	
The driveline shall include grosse fittings	
on both u joints. Driveline shall be a	
Force America model 1310 series Shall	
include companion flange on pump side	
for ease of removing driveline to change	
engine helts	
RESERVOIR	
50-gallon capacity upright style hydraulic	
reservoir. 10-gauge pickled steel, powder	
coat pickled steel, angle iron brackets for	
vehicle frame mount with rubber bushing	
and coil spring mounting kit hardware.	
Internally baffled to prevent aeration.	
bottom ports, filler breather cap, low/hot	
oil temperature sensor, oil temp and level	
sight gauge.	
Mount the reservoir above truck frame	
behind cab and in front of dump body.	

FILTER	
The hydraulic oil filter shall be mounted	
at the reservoir and equipped with a $1 \frac{1}{4}$ "	
ball valve to be installed with the	
reservoir and filter to allow servicing of	
the filter without siphoning oil from the	
reservoir. The hydraulic filter shall have	
1 ¹ / ₄ " ports with a 10-micron micro-glass	
spin-on element that is rated for no less	
than 70 GPM and include a filter	
condition indicator gauge. The filter shall	
be Force America model SF510-120-25-	
10MLR-PG or prior approved equal. The	
system shall be delivered with one spare	
filter element.	
SHUT DOWN SYSTEM: A high	
pressure ¹ / ₄ turn ball valve shall be	
installed at the discharge port of the	
pump.	
HIGH PRESSURE FILTER	
There shall be a high-pressure filter	
plumbed between the hydraulic pump and	
the control valve assembly. The	
hydraulic filter shall be a 25-micron	
absolute and rated for 6000 psi. The filter	
shall be an Eaton model HP3.170-0014	
or prior approved equal and be equipped	
with a visual and electrical bypass	
indicator. A warning light and buzzer	
shall be mounted in the cab and wired to	
the electrical indicator.	
HYDRAULIC CONTROL VALVE:	
Control valve shall be a load sensing type	
with o-ring ports. Mid-inlet section	
porting will be #16 inlet, #20 outlet, #16	
hoist section, #4 load sense port, and #10	
or #12 for all other sections. The hoist	
section shall be stacked to one side of the	
mid-inlet and all other sections will be	
stacked on the other side. There will be a	
main relief in the mid-inlet section that	
will be set at 2500 PSI to protect the	
system from being over pressurized.	
Control valves will be electronically	
controlled, section to be arranged as	
follows:	
Plow Lift, 3-way for a single acting	
cylinder with detent in the down position	
for float with flow control.	
Plow Angle, 4-way for a double acting	
cylinder with flow control.	

Double acting scraper curl with flow	
control	
Double acting scraper angle with flow	
Louble acting scraper left level and right level with float and flow control	
Spin-A-Vever end cover electric PWM	
sander valve 14 GPM sander, 7GPM	
spinner.	
Valve shall be Force America Add-A-	
StackÒ 4020 valve	
HYDRAULIC VALVE ENCLOSURE:	
The valve assembly shall be mounted in	
weather-tight enclosure. The valve	
enclosure shall be fabricated of 10- and	
12-gauge steel. Enclosure shall be	
designed to not allow humidity to be	
trapped inside. The cover shall be held to	
the enclosure by four heavy rubber	
latches. All plumbing shall be external,	
directly out the bottom of the valve	
enclosure.	
The dump body manifold shall be stacked	
next to the inlet section, and capable of 40	
GPM with SAE #12 porting. All valve	
manifolds shall be manufactured from	
6061-T6 aluminum and be anodized to	
MIL-A-8625F specifications. The	
hydraulic control valves shall be pulse-	
width modulated, proportionally	
controlled. Each hydraulic valve segment	
shall be individually mounted to the	
sorvices ble without removing any	
by draulic hoses or any other hydraulic	
valve segments. Each hydraulic valve	
segment shall have individual pressure	
compensation to achieve independent	
simultaneous operations. All segments	
shall have heavy-duty continuous duty	
coils and connections shall be with	
Deutsch DT connectors. All coils shall	
operate at 12 VDC and require a	
maximum of 1400 milli-amps. Each	
segment shall be equipped with a manual	
override. The dump body segment shall	
be rated to 40 GPM, with all other	
segments rated to 20 GPM. If a double	
acting hoist is utilized, the dump body	
segment shall be equipped with a	
downside relief to protect the body down	

function. This relief shall be set to the	
hoist manufacturer's specifications. The	
valve shall include a main relief set at	
2500 PSI. Valve segments shall be	
FORCE America Add-A-Fold® 4020	
model or prior approved equal.	
ELECTRONIC SPREADER CONTROL:	
The electronic spreader control shall be a	
Force America 5100/6100 series or	
equivalent.	
The multi-stick controls	
Joystick outputs shall be communicated	
over the spreader control CAN bus to the	
Valve Module. Spreader control outputs	
and joystick control outputs shall be	
operated on the same Valve Module, or	
multiple modules as necessary.	
The electronic spreader control shall be	
designed for precise, closed-loop control	
of granular and prewet liquid applications	
and operate on a CAN Bus protocol. The	
Central Processing Unit (CPU) shall have	
keyed and color-coded connections to	
prevent incorrect installation. The CPU	
shall be mounted in the cab with visual	
access to diagnostic LED's. Mounting of	
the CPU unit outside of the cab is	
unacceptable. The unit shall have USB	
connectivity for file and data transfer,	
Ethernet connection, a J1939	
communication port for connection to the	
vehicle bus, a second CAN bus	
communication port for spreader-only	
data use, a J1708 connection for a road	
and air temperature sensor, and a RS-232	
connection for AVL communication. The	
CPU shall have on-board diagnostics,	
which provide real-time status of CAN	
bus communication, processor activity,	
and power status. The CPU shall have a	
built-in audible alarm for diagnostic	
purposes. The CPU operating system	
shall NOT be Windows-based.	
I ne spreader control interface shall have	
two, color-coded, continuous rotation	
encoders for granular and spinner control.	

These encoders shall have integrated push buttons for blast mode and stand-by. The controller shall have a third multifunction 4-way joystick that has an integrated rotary encoder and push button, that can be used for menu navigation, prewet liquid control, or an additional conveyor function. There shall be four, two-way soft keys included in the interface that are generically labeled and user-configurable for different functions depending on the equipment needs. The controller shall also utilize USB technology that is capable of using a Supervisor key to provide access to the calibration parameters without the access code. The entire operator interface shall be backlit and encased in flexible silicone material with wear-limiting coating applied to the base silicone material. The operator interface shall communicate on the spreader control system CAN bus. The use of an LCD touch screen to change spreader function settings while driving is unacceptable. The spreader control display shall be a remote-mounted, 10" diagonal color TFT LCD with capacitive touch and a lowprofile 16:9 widescreen format and minimum of 1024X600 pixel resolution. LCD shall have variable LED backlighting. CCFL backlighting is unacceptable. The display shall include a

scratch-resistant polycarbonate lens with anti-glare coating. Display unit shall have a built-in audible alarm. To avoid driver distraction, the display shall have no integrated dials or pushbuttons. Display shall communicate on the spreader control system CAN bus.

The operator menus shall be color-coded to match the encoder knobs on the operator interface. The display shall be capable of displaying the following onscreen simultaneously: Granular material name, granular material set point and actual application rate including units of measure, prewet liquid name, prewet liquid set point and actual application rate including units of measure, spread width, road temperature, air temperature,

material usage total, liquid usage total, vehicle speed, and current date and time. The operator shall have the option of selecting five data items to be displayed onscreen during operation. The display will also provide four warning light indicators for low oil level, body up, oil temp, and filter bypass. These warning lights are to be functional regardless of spreader operation or status. The display shall have integrated antennas for GPS and cellular communication. Cab mounted antennas are unacceptable. The display shall be capable of communicating wirelessly with road and air temperature sensors. A proportional PWM driver and input module (Valve Module) shall be remotely mounted inside the hydraulic valve enclosure for control of both spreader control and joystick control outputs. The entire Valve Module shall be of rugged design for a mobile environment. Must meet IP68 requirements for dust and water ingression. The Valve Module shall include a minimum of ten proportional PWM outputs with potted valve output connections. All outputs shall be protected against short-circuits. Outputs shall be current-compensated and have adjustable PWM frequency. There shall be a minimum of five switch-toground type inputs for monitoring hydraulic system inputs such as oil level, body up, High and Low filter bypass, and oil temperature warnings. A minimum of two switch-to-ground type pulse train inputs shall be included in the Valve Module for connection of feedback sensors such as auger feedback and prewet liquid flowmeter feedback. A keyed and color-coded connection shall be provided for CAN bus connection to the CPU module inside the cab. A second CAN bus connection must be provided for daisy-chaining of multiple Valve Modules within the valve enclosure. Diagnostic LEDs shall be included for every input and output on the Valve Module, as well as a power status LED and CAN bus activity LED's. The Valve

l	Module shall be potted.	
	The integrated spreader control and	
	joystick control system shall be equipped	
	with a qualified ESTOP device that	
	immediately disconnects battery power	
	from all outputs. All spreader control	
	and joystick-operated outputs shall	
	immediately cease to function, and the	
	system display shall inform the operator	
	that the ESTOP device has been	
	activated. The ESTOP device must	
	remove power from all output devices	
	while maintaining power to the display	
	and CPU for diagnostic purposes	
	Resetting of the FSTOP device shall not	
	result in spreader control and joystick-	
	operated outputs returning to an ON	
	state without operator	
	scale without operator	
	Spreader control supplied with bulkhood	
	spreader control supplied with burkhead	
	connector and cable for internal speed	
	flow meter connection if sender is	
	acuipped with pre-wet tanks and power	
	unit	
	The 6100-spreader control shall include	
	an ISOBUS connection mounted at the	
	rear of the chassis A CAN BUS and	
	input/output module shall be mounted on	
	the direct liquid system and connect to the	
	chassis through the ISOBUS connection.	
	The input/output module shall have 2-	
	inputs for flowmeter feedback and low	
	liquid. There shall be 4-outputs rated at 5	
	amp each for multi lane ball valves and	
	anti-drip valve.	
	<u>^</u>	

HYDRAULIC EQUIPMENT CONTINUED	
Electronic Control Console: Force America 5100 or 6100	
pedestal style control console for plow and scraper with	
accessories.	
System shall have a 50 GPM electric selector valve to	
allow for the dump body hoist or pup trailer hoist to	
function, an in-cab switch shall be provided for valve	
activation. A hydraulic line shall be run to rear of the	
dump body above pintle plate with quick disconnect for	
pup trailer connection.	
Hydraulic Hoses and Fittings: All fittings shall be SAE	
hydraulic fittings using boss 'O' rings. Piping on the side	
of the V-Box shall be stainless steel tubing, clamped at	
each vertical hopper brace using Parker style hydraulic	
tube clamps. Flexible hydraulic hoses from the valves to	
the stainless-steel tubes and from the stainless-steel tubes	
to the V-Box motors shall be double wire braid with	
minimum 3,500-pound working pressure. All flexible	
hydraulic hoses shall be equipped with JIC swivel fittings	
on both ends. Front hydraulic quick-disconnects for the	
snowplow shall be located per county specified location	
easily accessible for the operator. Hydraulic hoses from	
front pump to hydraulic valve and from valve for front	
snowplow shall be secured to truck frame, in an orderly	
fashion, as high as possible with hanger brackets, hose	
clamps and hoses spaced to avoid rubbing and snow loads.	
HEAVY DUTY FRONT PLOW	
Monroe Model MP48R12-ISSBT-CO, 316, LL, Angle	
Iron PF or Proven Equal	
Plow dual spring break over, length 12', Height 48'', 34''	
base angle, 1/2"x8"x12' steel cutting edge single pick	
point level lift, 12" rubber deflector, 24" orange rod	
markers, two (2) jack stands, 4"x10" single acting lift	
cylinder, universal pin hitch with thrust arm mounting	
One-piece A569 10-gauge steel roll formed moldboard	
with a tensile strength of 55,000 to 70,000 lbs.	
Six $1, x 4$ one-piece solid flame cut ribs that taper to 2"	
at the top of the moldboard	
2"x3"x318" top moldboard angle	
4"x4"x314" bottom moldboard angle	
3"x3"xI/4" non-spring horizontal angle bracing	
3"x3"xI/2" horizontal spring support angle bracing	
HEAVY DUTY dual compression trip spring assemblies	
Monroe built in special heavy duty level lift assembly	
Main push tube is 4" x4"x318" A36 steel seamless wall	
tubing.	
Moldboard and frame to be 100% continuously welded	
Moldboard to be shot blasted and painted powder coat	
ORANGE, with push frame painted black	

Two 3" x 10" with 211 rod power reverse cylinders with	
cushion valve	
518" x 8" AASHTO C I080 top punched cutting edge	
Truck portion of hitch to be 30.5" pin style. (Due to type	
of use, plow rarely is taken off of truck)	
Cheek plate mounts	
4"xI0" SA lift ram	
Plow portion of hitch to be 30.5" pin style	
12" moldboard rubber deflector	
Two 36" moldboard markers	
2"x5"x34" push plate in lieu of standard I"	
2" swivel plate bolt	
Extra half ribs on outer section of moldboard for	
additional support	
LOCATION TO BE DETERMINED AT TIME OF INST	
ALLA TION.	
Dump Body	
R/S Godwin Model AG Aluminum Series or I&I	
TA 20/186	
Aluminum dump body 180" Inside Length 86" Inside	
Width 42" Side Height 54" Tailgate Height	
or Approved Equal	
The outside width shall not exceed 96"	
The sides shall have board extension pockets at the front	
and rear to accept 2" x 6" wood board.	
Full Length 2" x 8" pressure treated fir boards shall be	
provided and bolted to front and rear board pockets.	
The cab shield shall extend 24" forward of the of the truck	
body	
The floor of the dump body shall be fabricated of a single	
sheet of .375" or thicker aluminum.	
The sides and front of the body shall be fabricated from a	
single sheet of .250" aluminum.	
The tailgate shall be a 2-way barn door design	
The rear hinge shaft shall be no less than 1-3/4" diameter	
and extend full width of the angle. All pivot points shall	
be equipped with accessible grease zerks for lubrication.	
Removable 8" asphalt apron. Designed to cleanly dump	
into a verity of paving machines.	
The hoist will be a Mailhot head lift hoist model M130-	
6.5-3. or equivalent	
Electric tarp system, black vinyl tarp, aluminum tarp	
housing, aluminum tarp arms with aluminum tension	
arms, control switch in-cab.	
Rear Body Accessories	
Rear pintle hitch with chipper bar built per county	
supplied drawing.	
Reinforced 3/4" pintle plate, 2" chipper bar, 45-Ton air	
compensated pintle hook, (2) 1" forged D-rings, air glad	
hands, six prong electric plug, two prong electric plug,	

license plate light.	
Electric brake control.	
Cougar model DC-3200 body switch	
Removable rear mud flaps.	
Body up whisker switch with in-cab indicator light.	
Back-up alarm.	
SNOW PACKAGE LIGHTING:	
Shall supply LED or halogen plow headlights lights with	
integral turn signals.	
Plow lights shall be high / low beam and wired so that	
when plow light switch is activated the truck OEM lights	
do not operate.	
Snowplow headlights and driving lights shall be mounted	
on a stainless three-point mounting bracket for stability	
and be equipped with 8" convex mirrors.	
All strobe/warning lights should be integrated circuit	
within the light bulb not through central flasher.	
LED warning lights shall be amber clear and blue clear 24	
LED minimum, 6" oval recessed rubber grommet	
mounted in front & side corners cab shield top & bottom	
protection (See Pictures).	
Shall be supplied with one amber and one blue 6" high	
strobe beacon mounted below top of V-Box rail	
Shall have a 304 stainless steel light bar on the upper rear	
of the V-Box between strobe beacons that has LED stop/	
tail/turn and three 2.5" LED marker lights.	
Shall have license plate mounting bracket and light.	
Shall be equipped with a back-up alarm.	
All wiring shall be heavy duty rubber jacketed that is	
flexible in cold climates to minus forty degrees	
Fahrenheit, and shall be abrasion, corrosion, and oil	
resistant.	
Shall only use environmentally sealed Deutsch DT series	
connectors for any electrical connection.	
All holes that an electrical wire passes through shall be	
drilled and have an appropriately sized grommet.	
Wiring shall be securely clamped a minimum of every 18"	
using heavy-duty vinyl molded coated clamps and	
minimum ¹ /4" grade 5 bolts, nuts, and washers.	
In-cab switching shall include rocker switches back lit and	
labeled for Blue Strobes, Amber Strobes, Snowplow	
Lights and Kear Spinner Lights.	
All lignung and reflectors shall meet the FMIVSS 108	
E THE IN CALT & CAND CODE ADED.	
SLIDE IN SALI & SAIND SYKEADEK: Swenson da eva 100 14 94 62 od ddoven	
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LUUAL	

The spreader hopper shall be constructed of 12-gauge 304	
stainless steel with a 2" double crimped top edge forming	
for greater rigidity.	
The hopper body length shall not be less than 14' Length,	
maximum 84" Width, 62" Height, 11 cubic yard capacity	
The capacity of the hopper shall be 8 cubic yards water	
level full	
The body sides shall have not less than a forty-five-degree	
slope to insure free flow of material to conveyor.	
The body longitudinal shall be manufactured of 10-gauge	
304 stainless steel	
The channel group sills shall be 7 gauge formed 204	
stainless steal shannel that tigs the lower adde of the	
stanness steel channel that ties the lower edge of the	
iongitudinal to each side support. These cross supports	
shall be write enough to anow the hopper box to be	
mounted on various width truck frames of side into a	
A 4" x 6" stainless steel box beam will be elevated 3"	
above the top edge of the hopper, thus providing a	
longitudinal brace and hinge point for the top screens.	
There shall be a 10-gauge stamless steel formed channel	
welded under the box beam to each side for additional side	
support.	
The body and conveyor longitudinal shall be electrically	
welded into a rugged solid unit.	
There shall be 12 gauge formed stainless steel side	
supports that extend the full angle height spaced on	
approximately two (2) foot centers.	
A heavy-duty stainless-steel lift hook shall be provided at	
each corner.	
A 44" wide 304 stainless steel light bar shall be provided	
on top rear of the hopper, with LED stop, tail, turn and	
tree marker lights.	
Mounted below the light bar to the outside of the hopper	
one (1) ECCO /965A Amber street-side and one (1)	
ECCO 7965B Blue curbside LED beacons that are wired	
into running lights.	
Front spill shield full hopper width, constructed of 10	
gauge stainless steel, designed to cover and protect tarp	
system.	
Shall be equipped with six (6) minimum 5-inch diameter	
cast wheels. The wheels shall attach to the spreader using a	
minimum of 5/8-inch diameter stainless steel bolts and have	
a lubeable bronze center bushing.	
Two (2) front frame mounted to contact the dump body	
floor and two (2) each side that are width adjustable for	

guide centering into dump body.	
A self-loading/unloading system provided, constructed of stainless steel by the spreader manufacturer.	
The front "legs" shall be constructed of 3" x 4" x 1/4" formed tubing and shall be designed to fold up as the vehicle backs underneath the stand.	
Rear "legs" shall be of a self-storing telescopic design.	
Leg ground pads shall be a minimum of 5" x 6" x 1/4" and have a lifting handle incorporated for storage. Ground pads must be hinged and pivot freely for loading and unloading on uneven surfaces.	
Shall allow loading and unloading without removal of asphalt extension.	
AUGER SYSTEM	
The "dual augers" system shall be twin augers 7" in diameter running longitudinally with the body, feeding material the full length of the hopper.	
The augers shall consist of a 4" O.D. pipe with a 2" cold roll end shaft and fliting continuously welded the full length.	
The fliting shall be 1/2" thick. The fliting shall have three (3) different pitches so the hopper will unload evenly from the front, middle and rear.	
The augers shall be driven by an 18 H.P. hydraulic motors directly coupled by a spline shaft coupling.	
The drive motor shall have a sensor for ground speed.	
The coupling shall be equipped with grease fitting so that the motor spline and coupling can be lubricated.	
The idler end of the auger shall be supported by a 4-bolt flange, heavy duty, dust sealed, self-aligning ball bearing.	
This bearing must be able to be lubricated from the rear of the dump body.	
Both the auger drive and idler end plate shall be manufactured from 7GA. steel.	
An adjustable in height stainless steel inverted V shall be provided to keep material load off the auger for easier auger start-up.	
A protective carbon steel grate shall be placed over the exposed auger outside the hopper.	
The spreader shall be equipped with a safety interlock device to positively prevent power from reaching the	
auger motor when the auger covers, and top screens are opened beyond the normal operation position.	
Spreader shall dispense 75-100 lbs. per lane mile minimum with blast override button located on shifter	
TOP SCREENS	
The top screens shall be constructed of 3/8" rods welded	

to form a 2.5" square mesh which is framed by a	
combination of $1/4$ " x 1 $1/2$ " flat steel and 2" angle iron	
with the edge supports reinforced by 1/4" x 1" flat steel	
Ual. The screens shall be manufactured in sections not over $45^{"}$	
wide Each section shall be easily removable by using the	
"drop-n-lock" type hinge. Screen utilizing hardware that	
may vibrate loose is unacceptable.	
SPINNER ASSEMBLY	
The distributor disc shall be at least 18" in diameter of 7-	
gauge steel and have six replaceable formed 7-gauge	
carbon steel fins.	
This disc shall be mounted on a cast iron replaceable hub	
and connected directly to the hydraulic motor.	
The material shall be guided from the auger to the disc by	
means of one adjustable, internal, 12-gauge stainless steel	
deflector.	
This deflector shall control the spreader pattern from right	
to left by controlling where the material drops on the disc.	
The entire spinner assembly shall be manufactured of not	
less than 12-gauge 304 stainless steel and shall be	
adjustable in height to accommodate chassis mounted V-	
box.	
There shall be four (4) spinner baffles, one front fixed,	
two side and one rear adjustable without the use of tools.	
The spinner disc shall be driven by an independent low	
speed nigh-torque orbital type motor.	
This motor shall be directly coupled to the spinner hub	
thus eminating any extra extension shart of bearings.	
The entire spinner assembly shall be capable of	
repositioning without the use of special tools to allow for	
cleaning, storage, and unloading from the conveyor	
without the interference from the spinner assembly.	
Liquid De-Icing System	
The tanks shall be polyethylene, mounted into the open	
area along both sides of the spreader. Gallons shall be	
marked on the end cap of the polyethylene tank. The tanks	
shall be sufficiently supported on the bottom. All supports	
and bands attaching the tanks shall draw its contents a	
minimum of 2 inches from the bottom	
Capacity of 800 total gallons minimum 1800 Maximum	
Capacity of 600 total galoits minimum, 1600 Waximum	
The dispensing system shall be capable of precisely	
covering three 12-toot traffic lanes @ 10 to 50 gallons per	
ane mile at a truck speed up to 50 miles per hour.	
A hydraulic motor will be direct coupled to drive a	
The product nump shall have a cost incr housing on t	
impeller and be rated at 207 GDM at 20 pei liquid output	
This requires 13GPM hydraulic flow	
mo requires 15 of minyaraune now.	

The booms shall have the capability of being operated	
individually or simultaneously.	
The dispensing system shall be equipped with:	
• A closed loop 2" flow meter rated at 8 to 158 gallons per	
minute to assure a positive flow rate. Flow meter shall be	
12v, compatible with control system, and be of Turbine	
style.	
• Lane selection from electronically operated 2-inch	
valves with glass filled polypropylene body and stainless	
steel ball valves. All hand valves shall be readily	
accessible from the rear of the unit to an operator	
standing on the ground.	
• Shall be equipped with a blast feature that has an	
adjustable duration timer form maximum gallon per	
minute application.	
• GPM display for – total volume, daily volume, and	
seasonal volume.	
• Filter post pump Y-type with #12 stainless steel mesh	
filter element to protect the flow meter.	
• The piping shall be 2-inch polypropylene glass	
reinforced or stainless steel.	
Hoses shall be capable of handling pressure spikes and	
must be resistant to the chemical deicers being utilized.	
Hoses to be spiral ribbed reinforced "EPDM	
Tank Fill:	
• Ground level fill with 2-inch diameter piping and relief	
vent for pressure and overfill protection. A single fill	
point shall fill all tanks.	
• Filtration: 2-inch Y-type with #12 stainless steel mesh	
filter elements on the fill port.	
• All valves shall be glass filled polypropylene or stainless	
steel.	
• The tank drain valve shall be 2-inch NPT glass filled	
polypropylene, ¹ / ₄ -inch turn ball valve with a 2-inch cam-	
lock cap closure.	
• The system shall be equipped with truck pump off	
draw port shall be at bottom of tanks to ampty	
completely. A single draw port shall empty all tanks	
The fill and nump off norts shall be no higher than 48_{-}	
inches from the ground when the unit is mounted in the	
truck. The ports shall be equipped with a 2-inch female	
cam-lock. The fitting shall face the ground.	
Spray bar/nozzles:	
• The spray bar shall be stainless steel pipe.	
• Shall be a drip-less design with one check valve for each	
bar that prevents excessive dripping when the vehicle is	
stopped as well as providing immediate chemical	
application when the vehicle starts and the system is	
activated.	

• The spray bar shall be easily adjusted from 14-inches to	
20-inches off the roadway surface.	
• The spray nozzles shall be easily changed without the	
 The center spray bar shall be equipped with non- 	
adjustable stream nozzles for deicing with the addition of	
a manual hand valve controlled fan nozzle bar for pre-	
wetting. The hand selector valve shall be marked and	
located at the left rear corner of the system.	
The side spray bars shall be equipped with ball and socket	
type adjustable nozzle bases.	
A rubber splash shield shall be installed between the spray	
bar and the rear of the truck within 8-inches in front of	
spray bar and extending to 3" above ground with truck	
loaded.	
Liquid Pre-wet System	
Shall be complete with pump flow meter nozzles boses	
and fittings.	
Shall be equipped with a hydraulic motor driven bronze	
gear pump with internal liquid by-pass.	
The liquid flow shall be controlled through a 12-volt DC	
pulse width modulated hydraulic valve section to be	
included with the truck hydraulic system.	
Chall be activized with one for array needs mounted in the	
Shall be equipped with one fan spray hozzle mounted in the	
cleaning	
Shall be equipped with a 20-mesh suction strainer installed	
prior to the brass liquid pump.	
Shall be equipped with a 15 gallon per minute flow meter	
installed downstream of the liquid pump to verify rate per	
ton of granular material (Raven #RFM-15 or equivalent).	
The pre wet pump and flow meter shall be housed in a	
NEMA fiberglass enclosure that is accessible from the rear	
of the unit for service.	
Customer Service	
Truck Manufacturer-provide information that supports the	
dealership's ability to meet the needs of Boulder County.	
Body Builder-provide information that supports the body	
Durider's ability to meet the needs of Boulder County.	
riease bid the following options separately:	
Air disc brakes in lieu of air drum brakes	
Front plow HD 12'x 48"	
Underbody scraper	
2. Wing Plow	
Monroe 8-MEW Mid-Mount extendable wing or	

equivalent	
Stainless Steel V-Box Sander Dual Auger Type	
Stainless Steel V-Box Conveyor Type	
3. Parallel lift option for front plow	
4. Extendable Plow option for Tandem trucks	
Henke 36in extendable plow or equivalent	
5.	
6. Cab & Chassis Warranty Service Call Flat Rate If	
Applicable	
7	
8 Body Builder Warranty Service Call Rate If	
Applicable	
9. SUCCESSFUL VENDOR SHALL PROVIDE:	
MINIMUM OF FOUR (4) HOURS TRAINING ON	
THE SAFETY, MAINTENANCE/SERVICE TO	
INCLUDE ENGINE AND TRANSMISSION,	
PROPER OPERATIONAL PROCEDURES BY	
FACTORY TRAINED/CERTIFIED PERSONNEL	
WITHIN THIRTY (30) DAYS FROM DATE OF	
DELIVERY AT BOULDER COUNTY FLEET	
SERVICES, 5201 ST. VRAIN ROAD, LONGMONT,	
10. PROVIDE: ONE (1) PARTS BOOKS (CD ROM IF	
AVAILABLE) AND UNE (1) IECHNICAL MANUAL (CD DOM JE AVAU ADLE ONE (1)	
MANUAL (CD KOWI IF AVAILABLE, ONE (I) ODED ATOD'S MANILAL ONE (I) LINE SHEET	
AND ONE (1) ELECTRICAL SCHEMATIC WITH	
FACH UNIT DELIVERED	
11 PROVIDE: ONE (1) COMPLETE SET OF	
REPLACEMENT FILTERS TO INCLUDE ENGINE	
CRANKCASE, AIR INDUCTION, FUEL AND	
COOLANT ALONG WITH ONE (1) LAMINATED	
FILTER REPLACEMENT LIST AND ONE	
(FLUID/OIL SPECIFICATION CHART AT TIME	
OF DELIVERY.	
CERTIFICATES, MANUALS, AND WARRANTIES:	
DOCUMENTS OF TITLE	
CERTIFICATES OF ORIGIN	
EMISSIONS CERTIFICATIONS	
REPAIR/OWNERS MANUALS SPECIFIED	
WEIGHT SLIP	
	•

STATEMENT OF COMPLETE UNIT	
	Cost Disc Brakes
	Cost Drum
	Brakes
MOTOR VEHICLE REGULATIONS:	
	Installed
	Cost
Unit(a) and and shall he formished with all assignment	
Unit(s) ordered shan be furnished with an equipment	Installed
necessary to comply with all applicable rules and	Installed
regulations of the Colorado Department of Motor Venicles	Cost
by the Endered Motor Vehicle Standards required by	
OSILA and applicable ANSI standards in reference to the	
OSHA and applicable ANSI standards in reference to the	
CUADANTEES AND WADDANTIES.	
GUARANTEES AND WARRANTIES:	
	Install
	Cost
Units furnished bereunder shall be fully warranted	
(humper to humper) on parts and labor for a minimum of	Installed
three (3) years. In the event that a factory standard	Cost
warranty exceeds our stipulated warranty the factory	<u> </u>
standard warranty shall prevail	
No deductible shall apply during the first three (3) years of	
coverage.	Installed
	Cost
It is understood that units offered in response to this	
request for proposals will be of new design. In the event	Installed
that unforeseen operational problems occur because of	Cost
new design, the manufacturer shall warrant that it will	
retrofit at no cost to Boulder County, any improvements	
developed to correct problems of repeated or early failure	
in meeting acceptable performance standards for a period	
of one (1) year from date of delivery	
WARRANTY REPAIRS:	
	Cost
Cab & Chassis provided hereunder are under warranty	
(bumper to bumper), all repairs shall be completed within	Cost
five (5) working days after receipt of units. This period	
may be extended at the user's option and such extensions	
shall be documented in writing.	

Body Builder Completion Delivery Date After Truck Delivery\$25 per day dollar penalty for each day past stated delivery	
Item 1. Net price for Boulder County Fleet Services, 5201 St. Vrain Rd., Longmont, CO. 80503. Two (2) Current Production Year, Mack AWD Snowplow Trucks with 12' Auger Type V-Box Sander, and Front Mount Plow at the following net cost.	
\$per unit	
WrittenDollars.	
Model:	
Delivery will takeafter receipt of order.	
	Parts Discount Offered









Submittal Instructions:

Submittals are due at the email box <u>only</u>, listed below, for time and date recording on or before **2:00 p.m. Mountain Time on November 16, 2022.**

<u>Please note that email responses to this solicitation are limited to a maximum of 50MB capacity.</u>

NO ZIP FILES OR LINKS TO EXTERNAL SITES WILL BE ACCEPTED. THIS INCLUDES GOOGLE DOCS AND SIMILAR SITES. ALL SUBMITTALS MUST BE RECEIVED AS AN ATTACHMENT (E.G. PDF, WORD, EXCEL).

Electronic submittals must be received in the email box listed below. Submittals sent to any other box will NOT be forwarded or accepted. This email box is only accessed on the due date of your questions or proposals. Please use the Delivery Receipt option to verify receipt of your email. It is the sole responsibility of the proposer to ensure their documents are received before the deadline specified above. Boulder County does not accept responsibility under any circumstance for delayed or failed email or mailed submittals.

Email purchasing@bouldercounty.org; identified as **RFP # 7390-22** in the subject line.

All proposals must be received and time and date recorded at the purchasing email by the above due date and time. Sole responsibility rests with the Offeror to see that their bid is received on time at the stated location(s). Any bid received after due date and time will be returned to the bidder. No exceptions will be made.

The Board of County Commissioners reserve the right to reject any and all bids, to waive any informalities or irregularities therein, and to accept the bid that, in the opinion of the Board, is in the best interest of the Board and of the County of Boulder, State of Colorado.



RECEIPT OF LETTER ACKNOWLEDGMENT

November 9, 2022

Dear Vendor:

This is an acknowledgment of receipt of Addendum #2 for RFP #7390-22, Plow Trucks.

In an effort to keep you informed, we would appreciate your acknowledgment of receipt of the preceding addendum. Please sign this acknowledgment and email it back to <u>purchasing@bouldercounty.org</u> as soon as possible. If you have any questions, or problems with transmittal, please call us at 303-441-3525. This is also an acknowledgement that the vendor understands that **due to COVID-19**, **BIDS will only be accepted electronically by emailing purchasing@bouldercounty.org**.

Thank you for your cooperation in this matter. This information is time and date sensitive; an immediate response is requested.

Sincerely,

Boulder County Purchasing
Signed by: _____ Date: _____
Name of Company

End of Document