

City of Bel Aire, Kansas

## STAFF REPORT

DATE:4/10/2024

TO: City Manager

FROM: Marty McGee

RE: 550 Crane Truck



### BACKGROUND:

Public Works needs to replace our 550-crane truck. The current truck was purchased as a used vehicle in 2006, for the sum of \$65,000. The truck has had repairs in the past years. The last time it was in for repair we were informed that the rear main seal was leaking and would need to be replaced, it was also recommended to have the front-end suspension replaced along with new shocks and leaf springs on the rear end of the vehicle. This vehicle is used daily for water services, sewer repairs, and lift station pump removal. The vehicle is our main service truck and is always loaded with tools for our daily tasks. The current truck has become unsafe to operate as a daily driver. The crane truck is rated for a maximum of 3,300 pounds of lifting and has been maxed out for years, as each of our pumps weigh 3,000 pounds each. This has put a stress on the Crain's ability to perform safely. The hydraulic seals and lines need to be replaced for safe usage.

### DISCUSSION:

As our city continues to grow the demand for services becomes higher each year. We would request the Council approve the purchase of a new 550 crane truck that meets or exceeds the below specifications to keep up with current and future demands. The total cost being requested to spend is no more than \$187,857.00.

Company	Purchasing Price	Wait Times
Master Tech	\$187,857.00	Available Now
Pritchard Commercial	\$196,281.00	6-8 Months build time
Rush Truck Center	\$178,890.00	9-11 month build time



202403291505.pdf



UPDATE Bel Aire  
PALFINGER 43 11 MT



Pitchard Commercial  
550 Quote.xlsx

FINANCIAL CONSIDERATIONS:

Funding for the 550-crane truck is available from the Equipment Reserve Fund. This Equipment Reserve Fund is used to purchase large equipment. The Equipment Reserve Fund is supported by transfers from our General, Water and Sewer Funds.

POLICY DECISION: Staff is adhering to the purchasing policy in gathering a minimum of three bids. Due to the specialty of such a vehicle, there are limited manufactures and suppliers available in our region. We have reached out to three such suppliers with the specifications we are looking for.

RECOMMENDATION: This type of vehicle is in high demand for many municipalities; staff recommends the City Council authorizes Public Works to purchase a new vehicle with the listed specifications for a price not to exceed \$187,857.00, so that when a properly outfitted vehicle becomes available it can be acquired before another interested party purchases it.



43-11 SPEC.pdf

Vehicle- 2024 5500 CREW CAB CHASSIE 4X4

**Customer Preferred Package 2YA**

**6.7L 16 Cummins Turbo Diesel Engine 6-Spd Auto AisIn:AS69RC HD Trans Bright**

**White Clear Coat**

**Monotone Pa1nt**

**HD Vinyl 40/20140 Split Bench Se<lt Black/Diesel Gray**

**Manual DPF Regeneration Trailer Brake Control**

**Rear Backup Alarm**

**ParkView Rear Back-up Camera**

**19.5x6.0 Aluminum Wheels (Set of 6) Uconnect 5 W 8.4" Display (USA) 225/70R19.SG**

**All Traction Tires Chrome Tubular Side Steps**

**Power Take Off Prep**

**115V Auxiliary Power Outlet**

**Elec Shift-On-The-Fly Transfer Case. 40/20/40 Split Bench Seat Tradesman Level 1**

**Equipment Group Chrome Appearance Group**

**Max Tow Package**

**Heavy duty Snowplow Prep Group Electrical Accessory Group**

**Cold Weather Group**







# QUOTE

## Master Tech Truck & Equipment

5115 N. Broadway  
 Wichita, KS 67219  
 Sales (620) 340-7953  
 Service (316) 978-0192

Date: April 2, 2024  
 Quote #: 24-0133  
 Invoice No: UPDATE  
 Deliver On or Before Date: April 17, 2024

To: CITY OF BELAIRE  
 Address 4103 N WOODLAWN  
 BEL AIRE, KS 67220

Contact: MARTY MC GEE  
 Phone #: 316-744-2888  
 Email: [MMCGEE@BELAIREKS.GOV](mailto:MMCGEE@BELAIREKS.GOV)  
 Salesman: John Rich

YEAR	MAKE	MODEL	SERIAL NUMBER	COLOR	STOCK NO.	MILEAGE
NEW	RAM /CREWCAB	5500	TBD	WHITE	MK0153	TBD
Qty	Description	Unit Price	Sublet	Line Total		
	RAM 5500 Crew cab/ 4x4/Diesel/84" CA-DRW/as per attached build specifications					
1	PALFINGER EQUIPMENT FOLLOWS: Palfinger 43-11 PalPro crane bed/11' service bed/60" sides on driver side/60" raised on #1 and #2 front compartments/bottle compartment/Headache rack/21" workbench bumper with vise mounting plate and vise/full hydraulic outriggers/power out and power down Black line-x covering on complete load bed area/ compartment tops/workbench area and full height on front panels of body/Pull out drawer units in driver side #1 and #2 with 5-3/2-5"/1-7" pull out drawers with dividers/standard shelving in balance of compartments Interior LED rope lighting/exterior work light package/Boom-tip light package Rear compartment master control for all functions/Welder mounting plate on driver side compartment top/adjustable boom support/Powder coated standard WHITE Palfinger 8029 Hydraulic crane/8000lb vertical lift capacity/29' reach capacity/wireless radio hand-held remote controller/overload hydraulic shut down system/end layering limit switch and integral two-block damage prevention system/400-degree rotation/load holding valve/-10 to +80 degree boom elevation/crane hook Palfinger PRC45V rotary air compressor/45CFM@100PSI/Max 150 PSI/50' x 1/2" hose reel mounted in curbside rear and pull out the rear All standard safety features to be provided/unit will be "Work-ready" at time of pickup/This complete unit is built and on the ground	\$187,857.00		\$ 187,857.00		
	200 gallon skid with Honda gas powered engine, 100' high-pressure hose with electric wind hose mount, mounted in loadbed space of truck	\$6,431.00				

I approve the above work scope and pricing.  X _____ <b>Purchaser's Signature</b>	Accepted by Manager  X _____ <b>Dealer or Authorized Representative</b>	Total Labor	
		Shop Supplies	
		EPA Charges	
		Subtotal	\$ 187,857.00
		Sales Tax: Exempt	\$ -
		<b>Total</b>	<b>\$ 187,857.00</b>



**PAL Pro 43-11**

PO Number: **Your PO # Here**

Distributor: \_\_\_\_\_  
 Account No: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Address: \_\_\_\_\_

Market: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Ship VIA: \_\_\_\_\_  
 Requested Delivery Date: \_\_\_\_\_  
 Special Instructions: \_\_\_\_\_

**TOTAL PRICE** **\$0.00** All Prices Quoted in US Dollars

		QTY	WEIGHT (LBS)
<b>Distributor Net Sub-Totals</b>			<b>7,624</b>
PSC8029	Palfinger Model PSC 8029 telescopic mechanic field service crane; 43,000 ft./lbs. rating, 400 degree rotation, 29' hydraulic reach capability, 8,000 Lb. vertical lift capacity, -10 to +80 degree boom elevation, double acting cylinders with integrated load holding valves on all cylinders, four-spool remote control valve, overload shutdown system, hydraulic planetary drive winch with spring loaded roller, end layering limit switch and integral two-block damage prevention system, wireless radio remote controller pistol grip and toggle controller with 36' pendant, decals, crane hook, load line block, white and black finish paint and crane mounting bolt kit. Available for use on vehicles above 19,000 GVW. Consult factory for other applications.	.	
PSC8029	Model PSC 8029 telescopic mechanic field service crane	1	2,312.00
	PSC 8029 CRANE ACCESSORIES	.	
PALF4K	Push button P4 wireless radio remote controller (in place of pistol grip style remote control system)	1	-
KMG10006A	Boom tip light for 29ft boom length	1	20.00
	ALL CRANE ACCESSORIES	.	
KMG05359AS	Emergency lowering valve kit	1	-
	REQUIRED FOR PERSONNEL BASKET APPLICATION	.	
KMG04788AS	Radio remote controller storage kit	1	1.00
EZ5086	Silicone cover for radio remote control	1	-
	BOOM SUPPORT OPTION	.	
OS5030022	Boom support - Adjustable Position 16.5" High to 25.5" High - Mounting brackets Available (Installation Accessories Section) - Refer to 'Boom Rest Application Guide' Tab for Selection Assistance	1	35.00
11' BODY OPTION	PCB 43 Series 11' heavy duty galvanized steel crane body with standard right rear crane mounting compartment, all aluminum doors and hinges, gas door shocks, eight (8) recessed cargo tie downs (6,000 lb. capacity), two (2) grab handles, 44" high side compartments (optional compartments may be raised to 60" high), a fully integrated and sealed automotive style harness kit and electrical system with easy access power distribution panel, FMVSS 108 LED light and reflector kit, mud flap brackets, entire body electro coat (E-Coat) primer, interior of compartments lined with Zolatone AIM White interior coating, understructure and bottom of compartments undercoated. Body installation kit - (for class 5 conventional chassis). Designed to accept up to 43,000 ft./lbs. rated crane for 84" CA, 19,500 Lb. GVWR chassis.	.	
PCB43-11SS60CS	11' SS60CS Raised - Curb side 1st and 2nd compartments 60"H and Street side all raised to 60"H (contact factory for chassis application and payload analysis)	1	3,125.00
	TAILSHELF-BUMPER	.	
OSCB8905	21" Workbench TOP OPEN Tailshelf with Outrigger Cross Tube, Through Compartment, 1/4" Top Plate Work Surface and Integrated 16,000 lb. Rated 2" Hitch Receiver Tube - Installed	1	529.00
	OUTRIGGER OPTION	.	
OS5016904	Rear Power Out (Crane Side) Power Down Stabilizers	1	500.00
	CRANE MOUNTING PATTERN	.	
OSCB9001	PSC Crane Mounting (14.75" x 14.75")	1	-
	MASTERLOCK, CRANE BODY	.	
OSCB0403 4311	Master Locking System Installed - 11' PCB 43 Body (all models)	1	18.00
	TAILGATE OPTIONS	.	
OSSB2301	PALFINGER Stamped Tailgate	1	50.00
	HEADACHE RACK	.	
OSCB9101	52" Rack Height (measured top of headache rack to top of frame rail) - Installed only, Not compatible w/ LSR	1	45.00
	INSTALLATION ACCESSORIES	.	
OSSB0703	Rear fuel fill cutout - includes (1) aluminum fuel fill cup 3450331	1	-
OS5040582	Boom support mounting bracket - (weld on threaded plate in lieu of thru-bolts in compartment)	1	13.00
OS5030216	Compressor Mounting Bracket for - PRC45V, PRC60V (weld on bars and mounting adapter plate) left front sidepack top	1	15.00
OS5030212	Welder mounting bracket (weld on bars) left rear side pack top - Miller adapter plate included	1	20.00
	INTERIOR COMPARTMENT OPTIONS	.	

1. Availability for shipment to be determined after receipt of written purchase order.  
 2. Quoted prices do not include F.E.T. or any other tax which may be applicable.  
 3. Quantity and cash discounts do not apply.



### PAL Pro 43-11

PO Number:

Your PO # Here

LEFT FRONT	PCB43-11FT BODY - Streetside front vertical compartment (LV1)	.	
OS5020191	Aluminum Drawer Unit 5-3", 2-5", 1-7" x 25" wide (8 drawers)	1	118.00
LEFT SECOND	PCB43-11 FT BODY - Streetside second vertical compartment (LV2)	.	

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## PAL Pro 43-11

PO Number:	Your PO # Here		
OS5020179	Aluminum Drawer Unit 5-3", 2-5", 1-7" x 20" wide (8 drawers)	1	108.00
LH HORIZONTAL	PCB43-11FT BODY - Streetside horizontal compartment (LH)	.	
OS5030332	Slide out tray for horizontal compartment, 44.5" x 17.5"	2	28.00
OS5040681	Additional dividers for divider tray	1	0.50
OS5040679	Adjustable Aluminum divider tray - 18" x 26" x 3" LR compartment (includes 4 adjustable dividers) (MAX QTY OF 4)	3	21.00
OS5040681	Additional dividers for divider tray	1	0.50
RIGHT FRONT	PCB43-11FT BODY - Curbside front vertical compartment (RV1)	.	
OS5041261	Adjustable Aluminum divider tray - 18" x 11" x 3" requires interior partition kit (includes 4 adjustable dividers) (MAX QTY OF 4)	3	9.00
OS5040681	Additional dividers for adjustable divider tray	1	0.50
OS5030045	Tank bracket - Oxy / Acet for 2 tanks - Front wall mounted in vented compartment	1	6.00
OS5030460	Interior partition kit - 60"H (bolt in) - Includes 1 swivel hook	1	15.00
RIGHT SECOND	PCB43-11FT BODY - Curbside second vertical compartment (RV2)	.	
OS5041264	Adjustable Aluminum divider tray - 18" x 21" x 3" LV2 / RV2 compartment (includes 4 adjustable dividers) (MAX QTY OF 4)	3	21.00
OS5040681	Additional dividers for divider tray	1	0.50
RH HORIZONTAL	PCB43-11FT BODY - Curbside horizontal compartment (RH)	.	
OS5030332	Slide out tray for horizontal compartment, 44.5" x 17.5"	2	28.00
OS5040681	Additional dividers for divider tray	1	0.50
RIGHT REAR	PCB43-11FT BODY - Crane Compartment	.	
	No Options - Hose reel mounting shelf is included (installed at factory)	1	13.00
	TAILSHELF WORKBENCH ACCESSORIES	.	
OS5040304	Weld-on vise mounting plate 9" x 9"	1	11.00
	Type Your Location Here - Left Side / Right Side	right	
	LIGHT KIT OPTIONS	.	
OS5030112	Install tail lights and harness	1	-
OSCB8306	Body Control System (BCS) Installed (Front and Rear Power Distribution Boxes and Control Panel)	1	-
OSCB8308 11	Body Interior LED Strip Lighting Installed	1	3.00
OSCB8316	LED Flood Light Kit - Six (6) Lights Installed; Includes harness	1	11.00
	HYDRAULIC SYSTEM OPTIONS	.	
OS5030060	Oil reservoir - 30 gallon (top deck mount in cargo area) Approx. 9.5" deep x 22" tall x 36" wide	1	117.00
OSCB8518	Hydraulic installation kit - 8.0 GPM PRIORITY FLOW Includes High Pressure Filter, Hoses, diverter valve and Fittings. Intended for single pump, single operation. (Used with PSC8029)	1	58.00
OSCB8525	1" (-16) suction hose kit, For use on pumps with 1" (-16) suction ports. (Not required with OSCB8522 or OSCB8524)	1	10.00
EA2169	Replacement Filter Element, High Pressure Filter AIR COMPRESSOR OPTION	1	-
OS701BA	Palfinger PRC 45V rotary compressed air system; oil flooded rotary screw, 45 CFM @ 100 PSI, maximum 150 PSI system pressure, weight 150 Lbs. Includes: hydraulic motor, control valve, integrated hydraulic oil cooler. NOTE: Compressor performance is dependent on hydraulic supply specifications. Additional information is available through PALDESK.	1	162.00
	COMPRESSOR ACCESSORIES	.	
OS5030524	Compressor Hydraulic Installation Kit (PRC45V & PRC60V) for PAL Pro Package	1	5.00
OSCA700290	PRC SERVICE KIT 500 HOURS, PALFINGER AIR SYSTEM ACCESSORIES	1	-
OS5052026	Hose reel, Reelcraft 1/2" x 50' with guide (to be used when passing through body)	1	55.00
OS5052027	3/4" Air Filter, Regulator, Lubricator (FRL) - Includes Air Hose and Fittings	1	8.00
KPN00015A	(6) Gallon Air Reservoir - Mounted Under Deck, Includes Fittings and Tank Air Drain Valve (8" x 34")	1	35.00
	CHASSIS RELATED OPTIONS	.	
OS3287053	Ram chassis cab tail light adapter	1	1.00
OS3287058	Ford Super Duty chassis cab tail light adapter	1	1.00
OS5030546	DEF fill bracket for front of body chassis mounted, 2017+ Ford	1	5.00
KMG10727A	Ford Mudflap Offset Kit	1	6.00
	PAINT OPTIONS	.	
OS5050020	Standard coating - outside primed with Zolatone AIM White coating inside compartments	1	-
OS5050023_4311	Body finish topcoat - PCB 43 (Single Stage Common Whites: codes only include Ford Z1, Ford YZ, or Dodge PW7)	1	-
	Specify chassis make and paint code here - (e.g. Ford - Z1)	ford z1	
OS5050043_4311	Add Ultimate Bedliner load space, tops, front panels, rear panels behind the outriggers and bumper to a top coated body	1	83.00

1. Availability for shipment to be determined after receipt of written purchase order.
2. Quoted prices do not include F.E.T. or any other tax which may be applicable.
3. Quantity and cash discounts do not apply.



# QUOTE

**Pritchard Commercial**  
 1 Teamquest Way  
 Clear Lake, IA 50428

Date: April 11, 2024  
 Quote #: 24-000013  
 Invoice No: UPDATE  
 Deliver On or Before Date: April 26, 2024

To: **CITY OF BELAIRE**  
 Address **4103 N WOODLAWN**  
**BEL AIRE, KS 67220**  
 County

Contact: **MARTY MC GEE**  
 Phone #: **316-744-2888**  
 Email: [MMCGEE@BELAIREKS.GOV](mailto:MMCGEE@BELAIREKS.GOV)  
 Salesman: **Kevin Harmon**

YEAR	MAKE	MODEL	SERIAL NUMBER	COLOR	STOCK NO.	MILEAGE
NEW	RAM /CREWCAB	5500	TBD	WHITE	MK0153	TBD
Qty	Description	Unit Price	Sublet	Line Total		
	RAM 5500 Crew cab/ 4x4/Diesel/84" CA-DRW/as per attached build specifications					
1	<b>PALFINGER EQUIPMENT FOLLOWS:</b> Palfinger 43-11 PalPro crane bed/11' service bed/60" sides on driver side/60" raised on #1 and #2 front compartments/bottle compartment/Headache rack/21" workbench bumper with vise mounting plate and vise/full hydraulic outriggers/power out and power down Black line-x covering on complete load bed area/ compartment tops/workbench area and full height on front panels of body/Pull out drawer units in driver side #1 and #2 with 5-3/2-5"/1-7" pull out drawers with dividers/standard shelving in balance of compartments Interior LED rope lighting/exterior work light package/Boom-tip light package Rear compartment master control for all functions/Welder mounting plate on driver side compartment top/adjustable boom support/Powder coated standard WHITE Palfinger 8029 Hydraulic crane/8000lb vertical lift capacity/29' reach capacity/wireless radio hand-held remote controller/overload hydraulic shut down system/end layering limit switch and integral two-block damage prevention system/400-degree rotation/load holding valve/-10 to +80 degree boom elevation/crane hook Palfinger PRC45V rotary air compressor/45CFM@100PSI/Max 150 PSI/50' x 1/2" hose reel mounted in curbside rear and pull out the rear All standard safety features to be provided/unit will be "Work-ready" at time of pickup/This complete unit is built and on the ground	\$196,281.00		\$ 196,281.00		

I approve the above work scope and pricing.  <input checked="" type="checkbox"/> _____ <b>Purchaser's Signature</b>	Accepted by Manager  <input checked="" type="checkbox"/> _____ <b>Dealer or Authorized Representative</b>	Total Labor	
		Shop Supplies	
		EPA Charges	
		Subtotal	\$ 196,281.00
		Sales Tax: Exempt	#N/A
		<b>Total</b>	<b>\$ 196,281.00</b>

**Prepared For:**  
CITY OF BEL AIRE  
Tim Aelmore  
4551 NORTH AUBURN  
BEL AIRE, KS 67220-  
(316)744 - 2888  
Reference ID: N/A

**Presented By:**  
RUSH TRK CTR OF KS  
Dennis DeLong  
5549 N CHUZY DR.  
PARK CITY KS 672192317  
316-262-8413

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

**Model Profile**  
**2023 CV515 SFA (CV515)**

<b>AXLE CONFIG:</b>	4X4
<b>APPLICATION:</b>	Service Body
<b>MISSION:</b>	Requested GVWR: 19500. Calc. GVWR: 19500. Calc. GCWR: 26000 Calc. Start / Grade Ability: 42.61% / 2.82% @ 55 MPH Calc. Geared Speed: 103.2 MPH
<b>DIMENSION:</b>	Wheelbase: 199.00, CA: 83.80, Axle to Frame: 49.00
<b>ENGINE, DIESEL:</b>	{International 6.6} EPA 2021, 350HP @ 2700 RPM, 700 lb-ft Torque @ 1600 RPM, 2900 RPM Governed Speed, 350 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 1700 RDS} 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Park Pawl, with 19,500-lb GVW and 26,000-lb GCW Max, On/Off Highway
<b>AXLE, FRONT DRIVING:</b>	{Dana Spicer 60-256} Single Reduction, 7,500-lb Capacity, with Hub Piloted Wheel Mounting
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer S14-110} Single Reduction, 13,500-lb Capacity, 190 Wheel Ends Gear Ratio: 4.30
<b>CAB:</b>	Conventional 6-Man Crew Cab
<b>TIRE, FRONT:</b>	(2) 225/70R19.5 Load Range H HDR+ (CONTINENTAL), 643 rev/mile, 87 MPH, Drive
<b>TIRE, REAR:</b>	(5) 225/70R19.5 Load Range H HDR+ (CONTINENTAL), 643 rev/mile, 87 MPH, Drive
<b>SUSPENSION, REAR, SINGLE:</b>	15,500-lb Capacity, Vari-Rate Springs
<b>PAINT:</b>	Cab schematic 208CX Location 1: 9219, Winter White (Std) Location 2: 0011, Blk Non Ref (Nrf) Chassis schematic N/A