

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 63002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	40600 Lbs @ 4.2m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	26300 Lbs @ 14'
	First Extension	18300 Lbs @ 20'
	Second Extension	13500 Lbs @ 26'
	Third Extension	10300 Lbs @ 23'
	Fourth Extension	8100 IBS @ 38' (Option)
	Fifth Extension	6600 IBS @ 45' (Option)
	Sixth Extension	5600 Lbs @ 52' (Option)
	Seventh Extension	4850 Lbs @ 59' (Option)
	Crane weight	11110 lbs
	Total vertical reach	25M
	Horizontal hook approach from centerline of rotation	59.06"
	Vertical hook approach from mounting surface	131.65"
	Total horizontal reach	82' 8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	96.46"
	Crane mounting space requirement	61.22" TO 67.13"

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Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	Continuous
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	32560 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	21.1 to 26.4 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	YES
	Number of wireless remote functions	Varies
	Boom Cylinder description	Tubular Steel designed to 5,293 psi
	Crane rating	429740 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	11110 lbs
	Crane Stowed Center of Gravity	Horiz = 13.39" Vert = 38.19"
	Warranty	1 year
	BASE UNIT PRICE:	\$122,600.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PKHP63002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 122,600.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 24' 11" to 31' 2".		\$5,354.00	\$ -
2.2	4 section hydraulic boom extension from 24' 11" to 37' 9".		\$10,324.00	\$ -
2.3	5 section hydraulic boom extension from 24' 11" to 44' 11". Includes 8		\$16,121.00	\$ -
2.4	6 section hydraulic boom extension from 24' 11" to 52' 2". Includes 8		\$22,484.00	\$ -
2.5	7 section hydraulic boom extension from 24' 11" to 59' 5". Includes 8		\$24,712.00	\$ -
2.6	8 Section Hydraulic Boom extension from 24' 11" to 66' 11". Includes 8		\$28,663.00	\$ -
2.7	1 manual boom extension from 66' 11" to 74' 6".		\$2,054.00	\$ -
2.8	2 manual boom extensions from 66' 11" to 82' 4".		\$3,961.00	\$ -
2.9	PJ 170 E Hydraulic jib for PK 63002-EH D Additional articulated boom		\$37,165.00	\$ -
2.10	1 manual boom extension for PJ 170 E from 86' 7" to 92' 6".		\$1,044.00	\$ -
2.11	PJ 170 C Hydraulic jib for PK 63002-EH D Additional articulated boom		\$32,671.00	\$ -
2.12	PJ 125 C Hydraulic jib for PK 63002-EH E Additional articulated boom		\$26,860.00	\$ -
2.13	PJ 125 E Hydraulic jib for PK 63002-EH E Additional articulated boom		\$31,703.00	\$ -
2.14	1 manual boom extension for PJ 125 E from 93' 6" to 99' 5".		\$940.00	\$ -
2.15	Additional price add on for hydraulic winch in combination with PJ 170		\$2,781.00	\$ -
2.16	Additional price add on for hydraulic winch in combination with PJ 125		\$2,682.00	\$ -
2.17	Preparation for future mounting of Fly-jib		\$859.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Fixed stabilizers. Retracted length 36.4" ***Standard***		\$ -	\$ -
3.2	Auto 180° hydraulic tilting stabilizers, Retracted length 40.6". (Included)		\$ -	\$ -
3.3	Retracted length 36.8". Extended length reduced from 65.4" to 53.6".		\$ -	\$ -
3.4	handle.		\$ 175.00	\$ -
3.5	Holds one EZ2189-600 pad. Galvanized and lockable.		\$ 114.00	\$ -
3.6	Holds two EZ2189-600 pads. Galvanized and lockable.		\$ 133.00	\$ -
3.7	High Performance Stability Control		\$ 6,176.00	\$ -
3.8	Module for connection to HPSC system for Front Bumper Supports		\$ 392.00	\$ -
3.9	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.10	Ballast Weight Modulal		\$ 392.00	\$ -
3.11	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than std.		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -

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Spec #	Description	Qty	Price	Subtotal
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit Use with subframe mounts		\$ 506.00	\$ -
6.2	mounts		\$ 653.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 222.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.6	Active Oscillation Suppression System (AOS)		\$ 1,361.00	\$ -
6.7	66 US gal. (250 l) oil tank, base mounted. Wrap-around style oil tank		\$ 356.00	\$ -
6.8	92 US gal. (350 l) oil tank, base mounted. Wrap-around style oil tank		\$ 565.00	\$ -
6.9	92 US gal. (350 l) oil tank, base mounted. Wrap-around style oil tank		\$ 565.00	\$ -
6.10	105 Gal hyd tank ILO std. Recommended for fly-jib applications		\$ 594.00	\$ -
6.11	Oil Cooler Crane Base mounted with protective housing 26.8 HP (20.0		\$ 543.00	\$ -
6.12	Oil Cooler To be fitted in return line of crane. Comes with		\$ 543.00	\$ -
6.13	25,350 lbs load hook. In lieu of standard hook. (for D,E,F and G booms)		\$ 123.00	\$ -
6.14	39,680 lbs load hook. Additional to the standard hook. (for D,E,F and G booms)		\$ 609.00	\$ -
6.15	25 Metric ton (55,116 lbs) load hook. In addition to standard hook.		\$ 1,171.00	\$ -
6.16	Electrical Distributor - NEXT SIZE		\$ 440.00	\$ -
6.17	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 378.00	\$ -
6.18	Top seat control Control valve mounted at top seat. Linear control		\$ 2,550.00	\$ -
6.19	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 2,332.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHB		\$ 5,354.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHC		\$ 6,246.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHD		\$ 6,817.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHE		\$ 7,681.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHF		\$ 8,502.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 63002-EHG		\$ 9,390.00	\$ -
6.26	Multifaster Quick Release Manifold - Crane, 2 function		\$ 1,369.00	\$ -
6.27	Multifaster Quick Release Manifold - Fly-jib, 2 function		\$ 1,369.00	\$ -
6.28	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.29	Preparation for the future installation of additional hose equipment		\$ 1,903.00	\$ -
6.30	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,209.00	\$ -
6.31	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,606.00	\$ -
6.32	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,766.00	\$ -
6.33	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 17,098.00	\$ -
6.35	Preparation for the future installation of Winch on Outer Boom		\$ 2,866.00	\$ -
6.36	Preparation for the future installation of Winch on Main Boom NA w/ Power link		\$ 2,866.00	\$ -
6.37	Hose kit for two hydraulic functions for PJ 170 C Hose kit for two		\$ 5,925.00	\$ -
6.38	Hose kit for two hydraulic functions for PJ 170 E Hose kit for two		\$ 5,925.00	\$ -
6.39	Hose kit for 2 hyd. functions to end of PJ 125 C, includes 2 solenoid		\$ 5,925.00	\$ -
6.40	Hose kit for 2 hyd. functions to end of PJ 125 E, includes 2 solenoid		\$ 5,925.00	\$ -
6.41	Heavy Load Attachment 12t (26,455 lbs). For PJ 125E, PJ 170E, PJ 240E or PJ 300L		\$ 958.00	\$ -
6.42	1800 lumen output. On/off switch at primary control station. 1 "free function" on RRC.		\$ 632.00	\$ -
6.43	LED Working Light - Knuckle Boom		\$ 1,118.00	\$ -
6.44	Halogen Working Lights - Knuckle Boom and Fly-Fib		\$ 789.00	\$ -
6.45	LED 3000 Lumen Working Light - Knuckle Boom and Fly-Jib. RRC switch if appl.		\$ 1,753.00	\$ -
6.46	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.48	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.49	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.50	Custom color of crane base, column and main boom		\$ 2,432.00	\$ -

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Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount Price List Date and Number		0.00%	
9.0	DELIVERY CHARGES DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile		\$3.00	\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

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Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK HP50002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	9900 KG @ 4M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	24900 Lbs @ 13'5"
	First Extension	17900 Lbs @ 19'
	Second Extension	13700 Lbs @ 24'11"
	Third Extension	10500 Lbs @ 26'3"
	Fourth Extension	8000 Lbs @ 39'4" (Option)
	Fifth Extension	5100 Lbs @ 46'7" (Option)
	Sixth Extension	4250 Lbs @ 53'10" v
	Seventh Extension	3250 Lbs @ 68'3" (Option)
	Crane weight	9140 Lbs
	Total vertical reach	82'
	Horizontal hook approach from centerline of rotation	59.06"
	Vertical hook approach from mounting surface	129.54"
	Total horizontal reach	82' 8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	52.36" to 64.37"

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Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	Continuous
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	39830 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	21.1 to 26.4 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	YES
	Number of wireless remote functions	Varies
	Boom Cylinder description	Tubular Steel designed to 5,075 psi
	Crane rating	
	Country of origin for crane	Austria
	Crane Overall Weight	
	Crane Stowed Center of Gravity	Horiz = 10.71" Vert = 36.65"
	Warranty	1 year
	BASE UNIT PRICE:	\$103,596.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PKHP50002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 103,596.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 25' 3" to 31' 10". Includes 8		\$4,726.00	\$ -
2.2	4 section hydraulic boom extension from 25' 3" to 38' 9". Includes 8		\$9,432.00	\$ -
2.3	5 section hydraulic boom extension from 25' 3" to 46' 3". Includes 8		\$13,799.00	\$ -
2.4	6 section hydraulic boom extension from 25' 3" to 53' 10". Includes 8		\$19,491.00	\$ -
2.5	7 section hydraulic boom extension from 25' 3" to 61' 4". Includes 8		\$22,739.00	\$ -
2.6	8 Section Hydraulic Boom extension from 25' 3" to 68' 11". Includes 8		\$24,778.00	\$ -
2.7	1 manual boom extension from 68' 11" to 76' 1". PK HP50002		\$1,044.00	\$ -
2.8	2 manual boom extensions from 68' 11" to 82' 8". PK HP50002		\$1,978.00	\$ -
2.9	PJ 125 E Hydraulic jib for PK 50002-EH C Additional articulated boom		\$31,703.00	\$ -
2.10	1 Manual boom Extension For PJ125E from 73' 6" to 79' 5".		\$940.00	\$ -
2.11	PJ 125 D Hydraulic jib for 50002-EH C Additional articulated boom		\$29,282.00	\$ -
2.12	PJ 125 C Hydraulic jib for 50002-EH C Additional articulated boom		\$26,860.00	\$ -
2.13	PJ 125 C Hydraulic jib for PK 50002-EH D Additional articulated boom		\$26,860.00	\$ -
2.14	PJ 125 E Hydraulic jib for PK 50002-EH D Additional articulated boom		\$31,703.00	\$ -
2.15	1 manual boom extension for PJ 125 E from 87' 11" to 93' 10".		\$940.00	\$ -
2.16	PJ 125 C Hydraulic jib for PK 50002-EH E Additional articulated boom		\$26,860.00	\$ -
2.17	PJ 125 E Hydraulic jib for PK 50002-EH E Additional articulated boom		\$31,703.00	\$ -
2.18	1 manual boom extension for PJ 125 E from 95' 6" to 101' 5".		\$940.00	\$ -
2.19	PJ 100 D Hydraulic jib for PK 50002-EH D Additional articulated boom		\$25,699.00	\$ -
2.20	1 manual boom extension for PJ 100 D from 84' 10" to 90' 8".		\$902.00	\$ -
2.21	PJ 100 C Hydraulic jib for PK 50002-EH D Additional articulated boom		\$23,452.00	\$ -
2.22	PJ 080 B Hydraulic jib for PK 50002-EH E Additional articulated boom		\$18,713.00	\$ -
2.23	PJ080C Hydraulic jib for PK 50002-EH E Additional articulated boom		\$20,908.00	\$ -
2.24	1 manual boom extension for PJ 080 C from 86' 4" to 92' 11".		\$808.00	\$ -
2.25	2 manual boom extensions for PJ 080 C from 86' 4" to 99' 3".		\$1,530.00	\$ -
2.26	PJ 080 B Hydraulic jib for PK 50002-EH F Additional articulated boom		\$18,713.00	\$ -
2.27	PJ080C Hydraulic jib for PK 50002-EH F Additional articulated boom		\$20,908.00	\$ -
2.28	1 manual boom extension for PJ 080 C from 93' 10" to 100' 5".		\$808.00	\$ -
2.29	2 manual boom extensions for PJ 080 C from 93' 10" to 106' 11".		\$1,530.00	\$ -
2.30	Additional price add on for hydraulic winch in combination with PJ 125		\$2,682.00	\$ -
2.31	Dual Power System Plus for fly-jib equipped cranes Add-on for crane		\$2,016.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Fixed stabilizers. Retracted length 36.4" ***Standard***		\$ -	\$ -
3.2	Extended length reduced from 56.5" to 48.6". Retracted length 32.5". ILO Std		\$ -	\$ -
3.3	180° hydraulic tilting stabilizers, Retracted length 40.6". ILO Std		\$ 3,003.00	\$ -
3.4	Extended length reduced from 64.4" to 52.6". Retracted length 36.6"/ ILO Std		\$ 3,003.00	\$ -
3.5	One composite stabilizer pad. 23 5/8" square. Slides under stabilizer plate, with rope handle.		\$ 175.00	\$ -
3.6	Holds one EZ2189-600 pad. Galvanized and lockable.		\$ 114.00	\$ -
3.7	Holds two EZ2189-600 pads. Galvanized and lockable.		\$ 133.00	\$ -
3.8	High Performance Stability Control		\$ 6,176.00	\$ -

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Spec #	Description	Qty	Price	Subtotal
3.9	Module for connection to HPSC system for Front Bumper Supports		\$ 392.00	\$ -
3.10	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.11	Ballast Weight Modulal		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS NA			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than std.		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
4.6	Radio Remote Control of Crane Supports and Auxillary Supports Standard		\$ 5,594.00	\$ -
4.7				\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. lieu of standard 8 bolt kit Use with subframe mounts		\$ 653.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 222.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.6	Active Oscillation Suppression System (AOS)		\$ 1,361.00	\$ -
6.7	Control valve prepared for constant flow (fixed displacement) pump.		\$ 431.00	\$ -
6.8	66 US gal. (250 l) oil tank, base mounted. Wrap-around style oil tank		\$ 356.00	\$ -
6.9	92 US gal. (350 l) oil tank, base mounted. Wrap-around style oil tank		\$ 565.00	\$ -
6.10	105 Gal hyd tank ILO std. Recommended for fly-jib applications		\$ 1,100.00	\$ -
6.11	Oil Cooler To be fitted in return line of crane. Comes with		\$ 796.00	\$ -
6.12	25,350 lbs load hook. In leiu of standard hook. (for D,E,F and G booms)		\$ 123.00	\$ -
6.13	39,680 lbs load hook. Additional to the standard hook. (for D,E,F and G booms)		\$ 609.00	\$ -
6.14	25 Metric ton (55,116 lbs) load hook. In addition to standard hook.		\$ 1,171.00	\$ -
6.15	Top seat control Control valve mounted at top seat. Linear control		\$ 2,550.00	\$ -
6.16	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,978.00	\$ -
6.17	Electrical Distributor - NEXT SIZE		\$ 440.00	\$ -
6.18	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 378.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHA		\$ 3,881.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHB		\$ 5,075.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHC		\$ 5,977.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHD		\$ 6,491.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHE		\$ 7,195.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHF		\$ 8,162.00	\$ -

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Spec #	Description	Qty	Price	Subtotal
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHG		\$ 9,026.00	\$ -
6.26	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.27	Preparation for the future installation of additional hose equipment		\$ 2,007.00	\$ -
6.28	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,116.00	\$ -
6.29	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,380.00	\$ -
6.30	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,550.00	\$ -
6.31	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 11,089.00	\$ -
6.32	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,209.00	\$ -
6.33	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,606.00	\$ -
6.34	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,766.00	\$ -
6.35	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 17,098.00	\$ -
6.36	Components for four-line-operation w/ 2.5 or 3.5 metric ton winch.(A,B and C		\$ 2,578.00	\$ -
6.37	Preparation for the future installation of Winch on Outer Boom		\$ 2,866.00	\$ -
6.38	Preparation for the future installation of Winch on Main Boom NA w/ Power link		\$ 2,866.00	\$ -
6.39	Hose kit for two hydraulic functions to end of PJ 125 C, includes 2		\$ 5,925.00	\$ -
6.41	Hose kit for two hydraulic functions to end of PJ 125 E, includes 2		\$ 5,925.00	\$ -
6.40	Hose kit for two hydraulic functions to end of PJ 100 C, includes 2		\$ 5,590.00	\$ -
6.41	Hose kit for two hydraulic functions to end of PJ 100 D, includes 2		\$ 5,590.00	\$ -
6.42	Hose kit for two hydraulic functions to end of PJ 080 B, includes 2		\$ 4,900.00	\$ -
6.43	Hose kit for two hydraulic functions to end of PJ 080 C, includes 2		\$ 5,354.00	\$ -
6.44	Hose kit for one hydraulic function for PJ 060 A		\$ 2,507.00	\$ -
6.46	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$ -
6.47	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$ -
6.48	Additional price add on for hydraulic winch in combination with PJ 125		\$ 2,682.00	\$ -
6.49	Additional price add on for hydraulic winch in combination with PJ 080		\$ 2,082.00	\$ -
6.50	Additional price add on for hydraulic winch in combination with PJ 060		\$ 1,591.00	\$ -
6.51	Dual Power System Plus for fly-jib equipped cranes		\$ 2,016.00	\$ -
6.52	Heavy Load Attachment 12t (26,455 lbs). For PJ 125E, PJ 170E, PJ 240E or PJ 300L		\$ 831.00	\$ -
6.53	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.54	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if		\$ 1,182.00	\$ -
6.55	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.56	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.57	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.58	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.59	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.60	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.61	Custom color of crane base, column and main boom		\$ 2,432.00	\$ -
				\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 40002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	8700 kg @ 4.1 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	20500 Lbs @ 13'5"
	First Extension	14700 Lbs @ 19'
	Second Extension	11200 Lbs @ 24'11"
	Third Extension	8300 Lbs @ 26'3"
	Fourth Extension	6200 Lbs @ 32'6" (Option)
	Fifth Extension	4850 Lbs @ 39'4" (Option)
	Sixth Extension	3850 Lbs @ 46'7" (Option)
	Seventh Extension	3200 Lbs @ 53'10" (Option)
	Crane weight	8490 lbs
	Total vertical reach	82'
	Horizontal hook approach from centerline of rotation	59.06"
	Vertical hook approach from mounting surface	126.54"
	Total horizontal reach	82'
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	52.36" TO 63.98"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3'
	Crane rotation & rotation working area	continuous
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	36210 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	4,460 PSI 14.5-21.1 GPM
	Hydraulic oil reservoir size/description	23 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various (See Options)
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	
	Country of origin for crane	Austria
	Crane Overall Weight	
	Crane Stowed Center of Gravity	Horiz = 10.53" Vert = 36.77"
	Warranty	1 year
	BASE UNIT PRICE:	\$84,185.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK40002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 84,185.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 25' 3" to 31' 10". Includes 8		\$4,622.00	\$ -
2.2	4 section hydraulic boom extension from 25' 3" to 38' 9". Includes 8		\$9,220.00	\$ -
2.3	5 section hydraulic boom extension from 25' 3" to 46' 3". Includes 8		\$13,487.00	\$ -
2.4	6 section hydraulic boom extension from 25' 3" to 53' 10". Includes 8		\$17,098.00	\$ -
2.5	7 section hydraulic boom extension from 25' 3" to 61' 4". Includes 8		\$20,615.00	\$ -
2.6	8 Section Hydraulic Boom extension from 25' 3" to 68' 11". Includes 8		\$23,716.00	\$ -
2.7	1 manual boom extension from 68' 11" to 76' 1". PK 40002-EH		\$1,044.00	\$ -
2.8	2 manual boom extensions from 68' 11" to 82' 8". PK 40002-EH		\$1,978.00	\$ -
2.9	PJ 125 E Hydraulic jib for PK 40002 B Additional articulated boom		\$31,703.00	\$ -
2.10	1 Manual boom Extension For PJ125E from 73' 6" to 79' 5".		\$940.00	\$ -
2.11	PJ 125 D Hydraulic jib for PK 40002 B Additional articulated boom		\$29,282.00	\$ -
2.12	PJ 125 C Hydraulic jib for PK 40002 B Additional articulated boom		\$26,860.00	\$ -
2.13	PJ 125 E Hydraulic jib for PK 40002 C Additional articulated boom		\$31,703.00	\$ -
2.14	1 manual boom extension for PJ 125 E from 80' 5" to 86' 4".		\$940.00	\$ -
2.15	PJ 125 D Hydraulic jib for PK 40002 C Additional articulated boom		\$29,282.00	\$ -
2.16	PJ 125 C Hydraulic jib for PK 40002 C Additional articulated boom		\$26,860.00	\$ -
2.17	PJ 125 E Hydraulic jib for PK 40002 D Additional articulated boom		\$31,703.00	\$ -
2.18	1 manual boom extension For PJ125E from 87' 11 to 93' 10".		\$940.00	\$ -
2.19	PJ 125 C Hydraulic jib for PK 40002 D Additional articulated boom		\$26,860.00	\$ -
2.20	PJ 100 D Hydraulic jib for PK 40002 D Additional articulated boom		\$25,699.00	\$ -
2.21	1 manual boom extension For PJ100 D from 84' 10" to 90' 8".		\$940.00	\$ -
2.22	PJ 100 C Hydraulic jib for PK 40002 D Additional articulated boom		\$23,452.00	\$ -
2.23	PJ 080 B Hydraulic jib for PK 40002 E Additional articulated boom		\$18,713.00	\$ -
2.24	PJ 080 C Hydraulic jib for PK 40002 E Additional articulated boom		\$20,908.00	\$ -
2.25	1 manual boom extension For PJ 080 C from 86' 4" to 92' 11".		\$808.00	\$ -
2.26	1 manual boom extension For PJ 080 C from 86' 4" to 99' 5".		\$1,530.00	\$ -
2.27	PJ 060 A Hydraulic jib for PK 40002 F Additional articulated boom		\$13,548.00	\$ -
2.28	1 manual boom extension for PJ 060 A from 83' 8" to 89' 7".		\$765.00	\$ -
2.29	2 manual boom extensions for PJ 060 A from 83' 8" to 96' 1".		\$1,601.00	\$ -
2.30	PJ 060 B Hydraulic jib for PK 40002 F Additional articulated boom		\$15,186.00	\$ -
2.31	1 manual boom extension for PJ 060 B from 89' 7" to 96' 1".		\$746.00	\$ -
2.32	2 manual boom extensions for PJ 060 B from 89' 7" to 102' 8".		\$1,440.00	\$ -
2.33	Preparation for future mounting of Fly-jib		\$732.00	\$ -
2.34	Dual Power System Plus for fly-jib equipped cranes		\$2,016.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Fixed stabilizers. Retracted length 36.4" ***Standard***		\$ -	\$ -
3.2	Extended length reduced from 56.5" to 48.6". Retracted length 32.5". ILO Std		\$ -	\$ -
3.3	180° hydraulic tilting stabilizers, Retracted length 40.6". ILO Std		\$ 3,003.00	\$ -
3.4	Extended length reduced from 64.4" to 52.6". Retracted length 36.6"/ ILO Std		\$ 3,003.00	\$ -
3.5	One composite stabilizer pad. 23 5/8" square. Slides under stabilizer plate, with rope		\$ 175.00	\$ -
3.6	Holds one EZ2189-600 pad. Galvanized and lockable.		\$ 114.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
3.7	Holds two EZ2189-600 pads. Galvanized and lockable.		\$ 133.00	\$ -
3.8	High Performance Stability Control		\$ 6,176.00	\$ -
3.9	Module for connection to HPSC system for Front Bumper Supports		\$ 392.00	\$ -
3.10	Module for connection to HPSC system for Front Bumper Supports. Does not include		\$ 392.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for an additional detachable ballast weight of		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than std.		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
4.6	Radio Remote Control of Crane Supports and Auxiliary Supports Standard		\$ 5,594.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. lieu of standard 8 bolt kit Use with subframe		\$ 653.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 222.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.6	Active Oscillation Suppression System (AOS)		\$ 1,361.00	\$ -
6.7	Control valve prepared for constant flow (fixed displacement) pump.		\$ 431.00	\$ -
6.8	66 US gal. (250 l) oil tank, base mounted. Wrap-around style oil tank		\$ 356.00	\$ -
6.9	92 US gal. (350 l) oil tank, base mounted. Wrap-around style oil tank		\$ 565.00	\$ -
6.10	105 Gal hyd tank ILO std. Recommended for fly-jib applications		\$ 1,100.00	\$ -
6.11	Oil Cooler To be fitted in return line of crane. Comes with		\$ 796.00	\$ -
6.12	25,350 lbs load hook. In lieu of standard hook. (for D,E,F and G booms)		\$ 123.00	\$ -
6.13	39,680 lbs load hook. Additional to the standard hook. (for D,E,F and G booms)		\$ 609.00	\$ -
6.14	25 Metric ton (55,116 lbs) load hook. In addition to standard hook.		\$ 1,171.00	\$ -
6.15	Top seat control Control valve mounted at top seat. Linear control		\$ 2,550.00	\$ -
6.16	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,978.00	\$ -
6.17	Electrical Distributor - NEXT SIZE		\$ 440.00	\$ -
6.18	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 378.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHA		\$ 3,881.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHB		\$ 5,075.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHC		\$ 5,977.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHD		\$ 6,491.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHE		\$ 7,195.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHF		\$ 8,162.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 40002-EHG		\$ 9,026.00	\$ -
6.26	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.27	Preparation for the future installation of additional hose equipment		\$ 2,007.00	\$ -
6.28	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,116.00	\$ -
6.29	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,380.00	\$ -
6.30	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,550.00	\$ -
6.31	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 11,089.00	\$ -
6.32	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,209.00	\$ -
6.33	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,606.00	\$ -
6.34	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,766.00	\$ -
6.35	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 17,098.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.36	Components for four-line-operation w/ 2.5 or 3.5 metric ton winch.(A,B and C only)		\$ 2,578.00	\$ -
6.37	Preparation for the future installation of Winch on Outer Boom		\$ 2,866.00	\$ -
6.38	Preparation for the future installation of Winch on Main Boom NA w/ Power link		\$ 2,866.00	\$ -
6.39	Hose kit for two hydraulic functions to end of PJ 125 C, includes 2		\$ 5,925.00	\$ -
6.41	Hose kit for two hydraulic functions to end of PJ 125 E, includes 2		\$ 5,925.00	\$ -
6.40	Hose kit for two hydraulic functions to end of PJ 100 C, includes 2		\$ 5,590.00	\$ -
6.41	Hose kit for two hydraulic functions to end of PJ 100 D, includes 2		\$ 5,590.00	\$ -
6.42	Hose kit for two hydraulic functions to end of PJ 080 B, includes 2		\$ 4,900.00	\$ -
6.43	Hose kit for two hydraulic functions to end of PJ 080 C, includes 2		\$ 5,354.00	\$ -
6.44	Hose kit for one hydraulic function for PJ 060 A		\$ 2,507.00	\$ -
6.46	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$ -
6.47	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$ -
6.48	Additional price add on for hydraulic winch in combination with PJ 125		\$ 2,682.00	\$ -
6.49	Additional price add on for hydraulic winch in combination with PJ 080		\$ 2,082.00	\$ -
6.50	Additional price add on for hydraulic winch in combination with PJ 060		\$ 1,591.00	\$ -
6.51	Dual Power System Plus for fly-jib equipped cranes		\$ 2,016.00	\$ -
6.52	Heavy Load Attachment 12t (26,455 lbs). For PJ 125E, PJ 170E, PJ 240E or PJ 300		\$ 831.00	\$ -
6.53	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.54	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.55	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.56	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.57	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.58	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.59	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.60	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.61	Custom color of crane base, column and main boom		\$ 2,432.00	\$ -
				\$ -

8.0 **DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES**

% Discount	0.00%
Price List Date and Number	

9.0 **DELIVERY CHARGES**

DELIVERY STARTING POINT - City, State, Zip
Bloomington, MN 55420

Price per loaded mile	3	\$	-
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10.0 **Per Hour SHOP RATE)**

10.1	EQUIPMENT INSPECTION AND REPAIR	\$127.00	\$	-
10.2	INITIAL INSPECTION/DIAGNOSTIC	\$127.00	\$	-
10.3	MECHANICAL REPAIRS	\$127.00	\$	-
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 37002 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	14800 Lbs @ 15'
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	14800 Lbs @ 15'
	First Extension	10000 Lbs @ 20'
	Second Extension	7200 Lbs @ 26'
	Third Extension	5300 Lbs @ 33'
	Fourth Extension	4100 Lbs @ 39'
	Fifth Extension	3200 Lbs @ 46'
	Sixth Extension	2650 Lbs @ 54'
	Seventh Extension	2250 Lbs @ 61'
	Crane weight	8644 lbs
	Total vertical reach	102.8'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	68.1'
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	96.47"
	Crane mounting space requirement	52.14"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	Continuous
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	36210 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	21.1 to 26.4 GPM @ 4350 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	VA
	Boom Cylinder description	Tubular Steel designed to 5,293 psi
	Crane rating	256,040 Ft Lbs
	Country of origin for crane	Austria
	Crane Overall Weight	8644 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 34.88"
	Warranty	1 year
	BASE UNIT PRICE:	\$80,895.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK37002

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 80,895.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 25' 3" to 31' 10". PK 37002		\$4,622.00	\$ -
2.2	4 section hydraulic boom extension from 25' 3" to 38' 9".		\$9,220.00	\$ -
2.3	5 section hydraulic boom extension from 25' 3" to 46' 3".		\$13,487.00	\$ -
2.4	6 section hydraulic boom extension from 25' 3" to 53' 10".		\$17,098.00	\$ -
2.5	7 section hydraulic boom extension from 25' 3" to 61' 4".		\$20,615.00	\$ -
2.6	8 Section Hydraulic Boom extension from 25' 3" to 68' 11".		\$23,716.00	\$ -
2.7	1 manual boom extension from 68' 11" to 76' 1". PK 37002		\$1,044.00	\$ -
2.8	2 manual boom extensions from 68' 11" to 82' 8". PK 37002		\$1,978.00	\$ -
2.9	PJ 125 E Hydraulic jib for PK 37002 B Additional articulated boom		\$31,703.00	\$ -
2.10	1 Manual boom Extension For PJ125E from 73' 6" to 79' 5".		\$940.00	\$ -
2.11	PJ 125 D Hydraulic jib for PK 37002 B Additional articulated boom		\$29,282.00	\$ -
2.12	PJ 125 C Hydraulic jib for PK 37002 B Additional articulated boom		\$26,860.00	\$ -
2.13	PJ 125 E Hydraulic jib for PK 37002 C Additional articulated boom		\$31,703.00	\$ -
2.14	1 manual boom extension for PJ 125 E from 80' 5" to 86' 4".		\$940.00	\$ -
2.15	PJ 125 D Hydraulic jib for PK 37002 C Additional articulated boom		\$29,282.00	\$ -
2.16	PJ 125 C Hydraulic jib for PK 37002 C Additional articulated boom		\$26,860.00	\$ -
2.17	PJ 125 E Hydraulic jib for PK 37002 D Additional articulated boom		\$31,703.00	\$ -
2.18	1 manual boom extension For PJ125E from 87' 11 to 93' 10".		\$940.00	\$ -
2.19	PJ 125 D Hydraulic jib for PK 37002 D Additional articulated boom		\$29,282.00	\$ -
2.20	PJ 125 C Hydraulic jib for PK 37002 D Additional articulated boom		\$26,860.00	\$ -
2.21	PJ 100 D Hydraulic jib for PK 37002 D Additional articulated boom		\$25,699.00	\$ -
2.22	1 manual boom extension For PJ100 D from 84' 10" to 90' 8".		\$902.00	\$ -
2.23	PJ 100 C Hydraulic jib for PK 37002 D Additional articulated boom		\$23,452.00	\$ -
2.24	PJ 100 D Hydraulic jib for PK 37002 C Additional articulated boom		\$25,699.00	\$ -
2.25	1 manual boom extension For PJ100 D from 77' 4" to 83' 2".		\$902.00	\$ -
2.26	PJ 100 C Hydraulic jib for PK 37002 C Additional articulated boom		\$23,452.00	\$ -
2.27	PJ 080 C Hydraulic jib for PK 37002 E Additional articulated boom		\$20,908.00	\$ -
2.28	1 manual boom extension For PJ 080 C from 86' 4" to 92' 11".		\$808.00	\$ -
2.29	1 manual boom extension For PJ 080 C from 86' 4" to 99' 5".		\$1,530.00	\$ -
2.30	PJ 080 B Hydraulic jib for PK 37002 E Additional articulated boom		\$18,713.00	\$ -
2.31	PJ 060 A Hydraulic jib for PK 37002 F Additional articulated boom		\$13,548.00	\$ -
2.32	1 manual boom extension for PJ 060 A from 83' 8" to 89' 7".		\$765.00	\$ -
2.33	2 manual boom extensions for PJ 060 A from 83' 8" to 96' 1".		\$1,601.00	\$ -
2.34	PJ 060 B Hydraulic jib for PK 37002 F Additional articulated boom		\$15,186.00	\$ -
2.35	1 manual boom extension for PJ 060 B from 89' 7" to 96' 1".		\$746.00	\$ -
2.36	2 manual boom extensions for PJ 060 B from 89' 7" to 102' 8".		\$1,440.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Fixed stabilizers. Retracted length 36.4" ***Standard***		\$ -	\$ -
3.2	Extended length reduced from 56.5" to 48.6". Retracted length 32.5". ILO Std		\$ -	\$ -
3.3	180° hydraulic tilting stabilizers, Retracted length 40.6". ILO Std		\$ 3,003.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
3.4	Extended length reduced from 64.4" to 52.6". Retracted length 36.6"/ ILO Std		\$ 3,003.00	\$ -
3.5	1 composite stabilizer pad. 23 5/8" square. Slides under stabilizer plate. For use with BS1321, BS1284 and BS1285.		\$ 175.00	\$ -
3.6	Composite Stabilizer Pad Storage Bracket, Holds one EZ2189-600 pad		\$ 114.00	\$ -
3.7	Composite Stabilizer Pad Storage Bracket, Holds two EZ2189-600 pads		\$ 133.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.2	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 222.00	\$ -
6.3	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.4	Control valve prepared for constant flow (fixed displacement) pump.		\$ 431.00	\$ -
6.5	105 Gal hyd tank ILO std.		\$ 594.00	\$ -
6.6	Hyd oil cooler-Fitted to return line, factory mtd w/cover 10.5KW.		\$ 1,417.00	\$ -
6.7	Hyd oil cooler-Fitted to return line, factory mtd w/cover 20.0KW.		\$ 1,786.00	\$ -
6.8	25,350 lbs load hook. In lieu of standard hook. (for D,E,F and G booms)		\$ 185.00	\$ -
6.9	booms)		\$ 672.00	\$ -
6.10	25 Metric ton (55,116 lbs) load hook. In addition to standard hook.		\$ 1,252.00	\$ -
6.11	Electrical Distributor - NEXT SIZE		\$ 502.00	\$ -
6.12	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 440.00	\$ -
6.13	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 A		\$ 3,522.00	\$ -
6.14	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 B		\$ 4,726.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 C		\$ 5,618.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 D		\$ 6,137.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 E		\$ 6,836.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 F		\$ 7,803.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 37002 G		\$ 8,667.00	\$ -
6.20	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.21	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,125.00	\$ -
6.22	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,380.00	\$ -
6.23	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 9,956.00	\$ -
6.24	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 10,810.00	\$ -
6.25	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,209.00	\$ -
6.26	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,606.00	\$ -
6.27	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 14,766.00	\$ -
6.28	2.9 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.9 Metric		\$ 17,098.00	\$ -
6.29	Four-part-line kit for PK 37002 for 2.5 or 2.9 metric ton winch.(B and C only)		\$ 2,578.00	\$ -
6.30	Preparation for the installation of Winch - Outer Boom		\$ 2,866.00	\$ -
6.31	Preparation for the installation of Winch - Main Boom, NA w/ PowerLink winch		\$ 2,866.00	\$ -
6.32	Hose kit for two hydraulic functions to end of PJ 125 C, includes 2		\$ 5,925.00	\$ -
6.33	Hose kit for two hydraulic functions to end of PJ 125 D, includes 2		\$ 5,925.00	\$ -
6.34	Hose kit for two hydraulic functions to end of PJ 100 C, includes 2		\$ 5,590.00	\$ -
6.35	Hose kit for two hydraulic functions to end of PJ 100 D, includes 2		\$ 5,590.00	\$ -
6.36	Hose kit for two hydraulic functions to end of PJ 080 B, includes 2		\$ 4,900.00	\$ -
6.37	Hose kit for two hydraulic functions to end of PJ 080 C, includes 2		\$ 5,354.00	\$ -
6.38	Hose kit for one hydraulic function for PJ 060 A		\$ 2,507.00	\$ -
6.39	Hose kit for two hydraulic functions for PJ 060 A		\$ 4,447.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.41	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$
6.40	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$
6.41	Additional price add on for hydraulic winch in combination with PJ 125		\$ 2,682.00	\$ -
6.42	Additional price add on for hydraulic winch in combination with PJ 100		\$ 2,384.00	\$ -
6.43	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.44	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if		\$ 1,182.00	\$ -
6.46	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$
6.47	Limit switch at boom rest check for the boom in folded position.		\$ 1,152.00	\$ -
6.48	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.49	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$
6.50	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.51	Custom color of crane base, column and main boom		\$ 2,432.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 34002-SH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	7200 KG @ 4.2M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	7200 Kg @ 4.2M
	First Extension	4800 Kg @ 6.1M
	Second Extension	3600 Kg @ 8 M
	Third Extension	2800 KG @ 10.1M
	Fourth Extension	2300Kg @ 12.2M (Option)
	Fifth Extension	1640 Kg @ 14.5M (Option)
	Sixth Extension	1420 Kg @ 16.7M (Option)
	Seventh Extension	930 Kg @ 21.1M (Option)
	Crane weight	6460 lbs
	Total vertical reach	82'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	75'9"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	39.76" to 45.67"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	continuous
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	28940 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	23.8 to 31.7 GPM @ 5293 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various (See Options)
	Boom Cylinder description	Tubular Steel designed to 5,293 psi
	Crane rating	236000 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	6460 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 34.88"
	Warranty	1 year
	BASE UNIT PRICE:	\$80,747.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK34002 SH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 80,747.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 6". PK 34002-SH		\$3,961.00	\$ -
2.2	4 section hydraulic boom extension from 26' 7" to 40' 8". PK 34002-SH		\$6,826.00	\$ -
2.3	1 manual boom extension from 40' 8" to 47' 11". PK 34002-SH		\$1,044.00	\$ -
2.4	2 manual boom extensions from 40' 8" to 55' 1". PK 34002-SH		\$1,978.00	\$ -
2.5	5 section hydraulic boom extension from 26' 7" to 47' 11". PK 34002-SH		\$10,456.00	\$ -
2.6	1 manual boom extension from 47' 11" to 55' 1". PK 34002-SH		\$912.00	\$ -
2.7	2 manual boom extensions from 47' 11" to 62' 4". PPK 34002-SH		\$1,686.00	\$ -
2.8	6 section hyd boom ext 26' 7" to 55' 1" Incl High Boom Angle Monitor PK 34002-SH		\$13,529.00	\$ -
2.9	1 manual boom extension from 55' 1" to 62' 4". PK 34002-SH		\$775.00	\$ -
2.10	2 manual boom extensions from 55' 1" to 69' 7". PK 34002-SH		\$1,511.00	\$ -
2.11	7 section hyd boom ext 26' 7" to 62' 8" Incl High Boom Angle Monitor PK 34002-SH		\$17,381.00	\$ -
2.12	1 manual boom extension from 62' 8" to 69' 7". PK 34002-SH		\$808.00	\$ -
2.13	2 manual boom extensions from 62' 8" to 76' 1". PK 34002-SH		\$1,563.00	\$ -
2.14	8 section hyd boom ext 26' 7" to 69' 11" Incl High Boom Angle Monitor PK 34002-SH		\$20,228.00	\$ -
2.15	1 manual boom extension from 69' 11" to 76' 5". PK 34002-SH		\$765.00	\$ -
2.16	PJ 080 B Hydraulic jib for PK 34002-SHC Additional articulated boom		\$18,713.00	\$ -
2.17	PJ 080 C Hydraulic jib for PK 34002-SHC Additional articulated boom		\$20,908.00	\$ -
2.18	1 manual boom extension for PJ080 C from 73' 2" to 79' 9".		\$808.00	\$ -
2.19	2 manual boom extensions for PJ080 C from 73' 2" to 86' 3".		\$1,530.00	\$ -
2.20	PJ 080 A Hydraulic jib for PK 34002-SH D		\$16,291.00	\$ -
2.21	PJ 080 B Hydraulic jib forPK 34002-SHD Additional articulated boom		\$18,713.00	\$ -
2.22	PJ 080 C Hydraulic jib for PK 34002-SHD Additional articulated boom		\$20,908.00	\$ -
2.23	1 manual boom extension for PJ080 C from 80' 5" to 87' 0".		\$808.00	\$ -
2.24	2 manual boom extensions for PJ080 C from 80' 5" to 93' 6".		\$1,530.00	\$ -
2.25	Hose kit for two hydraulic functions for PJ 080 B		\$4,900.00	\$ -
2.26	Hose kit for two hydraulic functions for PJ 080 C		\$5,354.00	\$ -
2.27	PJ 060 A Hydraulic jib for PK 34002-SHD Additional articulated boom		\$13,548.00	\$ -
2.28	1 manual boom extension for PJ 060 A from 70' 3" to 76' 2".		\$765.00	\$ -
2.29	2 manual boom extensions for PJ 060 A from 70' 3" to 82' 8".		\$1,601.00	\$ -
2.30	PJ 060 B Hydraulic jib for PK 34002-SHD Additional articulated boom		\$15,186.00	\$ -
2.31	1 manual boom extension for PJ 060 B from 76' 2" to 82' 8".		\$746.00	\$ -
2.32	2 manual boom extensions for PJ 060 B from 76' 2" to 89' 3".		\$1,440.00	\$ -
2.33	PJ 060 A Hydraulic jib for PK 34002-SHE Additional articulated boom		\$13,548.00	\$ -
2.34	1 manual boom extension for PJ 060 A from 77' 5" to 83' 4".		\$765.00	\$ -
2.35	2 manual boom extensions for PJ 060 A from 77' 5" to 89' 10".		\$1,601.00	\$ -
2.36	PJ 060 B Hydraulic jib for PK 34002-SHE Additional articulated boom		\$15,186.00	\$ -
2.37	1 manual boom extension for PJ 060 B from 83' 4" to 89' 10".		\$746.00	\$ -
2.38	2 manual boom extensions for PJ 060 B from 83' 4" to 96' 5".		\$1,440.00	\$ -
2.39	Hose kit for one hydraulic function for PJ 060 A		\$2,507.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
2.40	Hose kit for two hydraulic functions for PJ 060 A		\$4,447.00	\$ -
2.41	Hose kit for one hydraulic function for PJ 060 B		\$2,762.00	\$ -
2.42	Hose kit for two hydraulic functions for PJ 060 B		\$4,900.00	\$ -
2.43	Additional price add on for hydraulic winch in combination with PJ 080		\$2,082.00	\$ -
2.44	Additional price add on for hydraulic winch in combination with PJ 060		\$1,591.00	\$ -
3.0 OUTRIGGER OPTIONS				
3.1	Hydraulically extendable outriggers with a spread of 24' 3" ILO Std		\$ 1,667.00	\$ -
3.2	180° hydraulic tilting stabilizers ILO Std		\$ 2,007.00	\$ -
3.3	200mm (7.9") extended stabilizer plates. (HXE 3507)		\$ 251.00	\$ -
3.4	PVC Shoe, One PVC stabilizer shoe. 19 3/4" diameter. Slides onto stabilizer plate		\$ 180.00	\$ -
3.5	PVC Shoe Storage Bracket, Holds one EZ2261-500 shoe, weld or bolt on.		\$ 67.00	\$ -
3.6	Composite Stabilizer Pad, One composite stabilizer pad. 19 3/4" square. Slides under stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.7	Composite Stabilizer Pad Storage Bracket, Holds one EZ2189-500 pad		\$ 104.00	\$ -
3.8	Composite Stabilizer Pad Storage Bracket, Holds two EZ2189-500 pads.		\$ 123.00	\$ -
3.9	High Performance Stability Control		\$ 6,176.00	\$ -
3.10	Ballast Weight Modul		\$ 392.00	\$ -
3.11	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.12	Ballast Weight Modul		\$ 392.00	\$ -
3.13	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.14	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0 REMOTE CONTROLS				
4.1	Scanreco P3 radio remote with Paltronic 150 with LCD display on			\$ -
4.2	Add on for 7th - Function for P3 radio remote control with Rexroth		\$ 746.00	\$ -
4.3	Add on for 7th and 8th - Functions for P3 radio remote control with		\$ 1,185.00	\$ -
4.4	Add on for 7th, 8th and 9th - Functions for P3 radio remote control		\$ 2,026.00	\$ -
4.5	Radio Remote Control of Crane Supports Standard outrigger control		\$ 5,594.00	\$ -
4.6	Radio Remote Control of Crane Supports and Auxiliary Supports Standard		\$ 5,594.00	\$ -
5.0 ATTACHMENTS				
5.1	See universal options			\$ -
6.0 OTHER OPTIONS				
6.1	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.3	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.4	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,229.00	\$ -
6.5	66 Gal hyd tank, base mounted ILO std.		\$ 530.00	\$ -
6.6	79 Gal hyd tank ILO std.		\$ 536.00	\$ -
6.7	Oil Temperature & Level Electronic Sensor Connected to PAL150		\$ 412.00	\$ -
6.8	Protective guard for Outer Boom Cylinder		\$ 393.00	\$ -
6.9	11.5 Metric Ton Load Hook		\$ 185.00	\$ -
6.10	Electrical Distributor - NEXT SIZE		\$ 502.00	\$ -
6.11	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 440.00	\$ -
6.12	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHA		\$ 2,649.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHB		\$ 3,310.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHC		\$ 4,032.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHD		\$ 4,631.00	\$ -
6.16	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHE		\$ 5,344.00	\$ -
6.17	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHF		\$ 5,986.00	\$ -
6.18	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 34002-SHG		\$ 5,986.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHA		\$ 3,291.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHB		\$ 3,952.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHC		\$ 4,669.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHD		\$ 5,259.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHE		\$ 5,986.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHF		\$ 8,025.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 34002-SHG		\$ 8,025.00	\$ -
6.26	Multifaster Quick Release Manifold - Crane, 2 function		\$ 1,369.00	\$ -
6.27	Multifaster Quick Release Manifold - Fly-jib, 2 function		\$ 1,369.00	\$ -
6.28	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.29	Preparation for the future installation of additional hose equipment		\$ 1,723.00	\$ -
6.30	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,832.00	\$ -
6.31	Two-part-line Component kit.		\$ 628.00	\$ -
6.32	Rope tension control (Automatic)		\$ 2,092.00	\$ -
6.33	Synchronised Rope Control		\$ 1,898.00	\$ -
6.34	Preparation for the future installation of Winch on Main Boom		\$ 2,314.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 33002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	6800 KG @ 4.1M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	6800 Kg @ 4.1M
	First Extension	45500 Kg @ 5.1M
	Second Extension	3400 KG @ 8M
	Third Extension	2650 KG @ 10M (Option)
	Fourth Extension	2150 Kg @ 12M (Option)
	Fifth Extension	1420 KG @ 14.6M (Option)
	Sixth Extension	1220 KG @ 16.7M (Option)
	Seventh Extension	1080 KG @ 18.9M (Option)
	Crane weight	6340 lbs
	Total vertical reach	22.5 M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	75'9"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	3'4" - 3'10"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	23120 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	21.1 to 26.4 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various (See Options)
	Boom Cylinder description	Tubular Steel designed to 5,075 psi
	Crane rating	224940 Ft lbs
	Country of origin for crane	Austria
	Crane Overall Weight	6340 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 32.83"
	Warranty	1 year
	BASE UNIT PRICE:	\$68,204.00

CRANES

VENDOR:

Aspen Equipment Co

MAKE/MOD

Palfinger Model PK33002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 68,204.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 6". PK 33002-EH		\$3,961.00	\$ -
2.2	4 section hydraulic boom extension from 26' 7" to 40' 8". PK 33002-EH		\$6,826.00	\$ -
2.3	1 manual boom extension from 40' 8" to 47' 11". PK 33002-EH		\$1,044.00	\$ -
2.4	2 manual boom extensions from 40' 8" to 55' 1". PK 33002-EH		\$1,978.00	\$ -
2.5	5 section hydraulic boom extension from 26' 7" to 47' 11". PK 33002-EH		\$10,456.00	\$ -
2.6	1 manual boom extension from 47' 11" to 55' 1". PK 33002-EH		\$912.00	\$ -
2.7	2 manual boom extensions from 47' 11" to 62' 4". PK 33002-EH		\$1,686.00	\$ -
2.8	6 section hyd boom ext 26' 7" to 55' 1" Incl High Boom Angle Monitor PK 33002-EH		\$13,529.00	\$ -
2.9	1 manual boom extension from 55' 1" to 62' 4". PK 33002-EH		\$775.00	\$ -
2.10	2 manual boom extensions from 55' 1" to 69' 7". PK 33002-EH		\$1,511.00	\$ -
2.11	7 section hyd boom ext 26' 7" to 62' 8" Incl High Boom Angle Monitor PK 33002-EH		\$17,381.00	\$ -
2.12	1 manual boom extension from 62' 8" to 69' 7". PK 33002-EH		\$808.00	\$ -
2.13	2 manual boom extensions from 62' 8" to 76' 1". PK 33002-EH		\$1,563.00	\$ -
2.14	8 section hyd boom ext 26' 7" to 69' 11" Incl High Boom Angle Monitor PK 33002-EH		\$20,228.00	\$ -
2.15	1 manual boom extension from 69' 11" to 76' 5". PK 33002-EH		\$765.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable outriggers with a spread of 24' 3" ILO Std		\$ 1,667.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 940.00	\$ -
3.3	180° hydraulic tilting stabilizers ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.9") extended stabilizer plates. (HXE 3507)		\$ 251.00	\$ -
3.5	PVC Shoe, One PVC stabilizer shoe. 19 3/4" diameter. Slides onto stabilizer plate		\$ 180.00	\$ -
3.6	PVC Shoe Storage Bracket, Holds one EZ2261-500 shoe, weld or bolt on.		\$ 67.00	\$ -
3.7	Composite Stabilizer Pad, One composite stabilizer pad. 19 3/4" square. Slides		\$ 142.00	\$ -
3.8	Composite Stabilizer Pad Storage Bracket, Holds one EZ2189-500 pad		\$ 104.00	\$ -
3.9	Composite Stabilizer Pad Storage Bracket, Holds two EZ2189-500 pads.		\$ 123.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modulal		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not		\$ 392.00	\$ -
3.13	Ballast Weight Modulal		\$ 392.00	\$ -
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
4.6	Radio Remote Control of Crane Stabilizers Requires R2X or R3X.		\$ 4,013.00	\$ -
4.7	Radio Remote Control of Crane Supports and Auxiliary Supports Requires		\$ 5,594.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 691.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 775.00	\$ -
6.6	Control valve prepared for variable displacement (load sensing) pump.		\$ 431.00	\$ -
6.7	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,299.00	\$ -
6.8	Protective guard for Outer Boom Cylinder		\$ 393.00	\$ -
6.9	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.10	79 Gal hyd tank ILO std.		\$ 523.00	\$ -
6.11	11.5 Metric Ton Load Hook		\$ 123.00	\$ -
6.12	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 378.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHA		\$ 2,649.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHB		\$ 3,310.00	\$ -
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHC		\$ 4,032.00	\$ -
6.16	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHD		\$ 4,631.00	\$ -
6.17	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHE		\$ 5,344.00	\$ -
6.18	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHF		\$ 5,986.00	\$ -
6.19	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 33002-EHG		\$ 5,986.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHA		\$ 3,291.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHB		\$ 3,952.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHC		\$ 4,669.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHD		\$ 5,259.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHE		\$ 5,996.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHF		\$ 8,025.00	\$ -
6.26	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 33002-EHG		\$ 8,025.00	\$ -
6.27	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.28	Preparation for the future installation of additional hose equipment		\$ 1,723.00	\$ -
6.29	Two-part-line Component kit.		\$ 628.00	\$ -
6.30	Preparation for the future installation of Winch on Outer Boom		\$ 2,314.00	\$ -
6.31	Preparation for the future installation of Winch on Main Boom		\$ 2,314.00	\$ -
6.32	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.33	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.34	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.35	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.36	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.37	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.38	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.39	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.41	Custom color of crane base, column and main boom (Consult Factory)		\$ 2,432.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 32080 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	8500 KG @ 3.5M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	8500 Kg @ 3.5m
	First Extension	7200 Kg @ 4.2M
	Second Extension	5010 KG @ 6M
	Third Extension	3840 Kg @ 7.9M
	Fourth Extension	3260 Kg @ 8.1M (Option)
	Fifth Extension	2550 Kg @ 10.1M (Option)
	Sixth Extension	1790 Kg @ 14M (Option)
	Seventh Extension	1300 Kg @ 16.1M (Option)
	Crane weight	6900 lbs (Base Crane)
	Total vertical reach	59'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	110.25"
	Total horizontal reach	67'11"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'7-5/16"
	Crane mounting space requirement	3'2-3/4" (Base Crane)

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Rack and pinion
	Rotational torque in ft-lb's	27490 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	4,350 PSI 14.5-21.1 GPM
	Hydraulic oil reservoir size/description	39 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various (See Options)
	Boom Cylinder description	Tubular Steel designed to 4,250 psi
	Crane rating	18740 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	6900 lbs (Base Crane)
	Crane Stowed Center of Gravity	Horiz = 9 13/16" Vert = 34 7/16"
	Warranty	1 year
	BASE UNIT PRICE:	\$63,286.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK30002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 63,286.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 2" PK 32080		\$3,909.00	\$ -
2.2	1 manual boom extension from 33' 2" to 40' 0" PK 32080		\$1,318.00	\$ -
2.3	2 manual boom extensions from 33' 2" to 46' 11" PK 32080		\$2,375.00	\$ -
2.4	3 manual boom extensions from 33' 2" to 54' 1" PK 32080		\$3,319.00	\$ -
2.5	4 manual boom extensions from 33' 2" to 61' 4" PK 32080		\$4,273.00	\$ -
2.6	5 manual boom extensions from 33' 2" to 68' 10" PK 32080		\$5,113.00	\$ -
2.7	4-section hydraulic boom extension from 26' 7" to 40' 0" PK 32080		\$6,878.00	\$ -
2.8	1 manual boom extension from 40' 0" to 46' 11" PK 32080		\$1,063.00	\$ -
2.9	2 manual boom extensions from 40' 0" to 54' 1" PK 32080		\$2,016.00	\$ -
2.10	3 manual boom extensions from 40' 0" to 61' 4" PK 32080		\$2,974.00	\$ -
2.11	4 manual boom extensions from 40' 0" to 68' 10" PK 32080		\$3,796.00	\$ -
2.12	5-section hydraulic boom extension from 26' 7" to 46' 11" PK 32080		\$9,847.00	\$ -
2.13	1 manual boom extension from 46' 11" to 54' 1" PK 32080		\$959.00	\$ -
2.14	2 manual boom extensions from 46' 11" to 61' 4" PK 32080		\$1,879.00	\$ -
2.15	3 manual boom extensions from 46' 11" to 68' 10" PK 32080		\$2,753.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Stowable in 60 degree position (STZY3). ILO Std		\$ 1,539.00	\$ -
3.2	Composite Stabilizer Pad, One composite stabilizer pad. 19 3/4" square		\$ 142.00	\$ -
3.3	Composite Stabilizer Pad Storage Bracket, Holds one EZ2189-500 pad		\$ 142.00	\$ -
3.4	Composite Stabilizer Pad Storage Bracket, Holds two EZ2189-500 pads		\$ 123.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Danfoss control valve, Scanreco radio			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than std.)		\$ 222.00	\$ -
4.3	Radio Remote Control with 4 section control valve		\$ 8,823.00	\$ -
4.4	Radio Remote Control with 5 section control valve		\$ 9,338.00	\$ -
4.5	Radio Remote Control with 6 section control valve		\$ 9,866.00	\$ -
4.6	Radio Remote Control with 7 section control valve		\$ 10,438.00	\$ -
4.7	Radio Remote Control with 6 section control valve with 2 automatic change over		\$ 11,018.00	\$ -
4.8	Radio Remote Control with 7 section control valve with 2 automatic change over		\$ 11,608.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.2	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.3	Second Paltronic 50 Display mounted at control station on opposite		\$ 497.00	\$ -
6.4	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.6	53 Gal hyd tank ILO std.		\$ 355.00	\$ -
6.7	79 Gal hyd tank ILO std.		\$ 740.00	\$ -
6.8	Hyd oil cooler-Fitted to return line, factory mtd w/cover 8.5KW.		\$ 1,205.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.9	Hyd oil cooler-Fitted to return line, factory mtd w/cover 10.5KW.		\$ 1,417.00	\$ -
6.10	Top seat controls Control valve mounted at top seat. Linear control		\$ 1,870.00	\$ -
6.11	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 32080A		\$ 3,300.00	\$ -
6.12	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 32080B		\$ 3,805.00	\$ -
6.13	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 32080C		\$ 4,306.00	\$ -
6.14	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 32080D		\$ 4,815.00	\$ -
6.15	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.16	Preparation for the future installation of additional hose equipment		\$ 1,492.00	\$ -
6.17	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.18	Two-part-line Component kit.		\$ 628.00	\$ -
6.19	Preparation for the future installation of Winch-Outer Boom		\$ 2,314.00	\$ -
6.20	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.21	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.22	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.23	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.24	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.25	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.26	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
		% Discount	0.00%	
		Price List Date and Number		
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 30002 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	6700 Kg @ 4.1M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	6700 KG @ 4.1M
	First Extension	4500 Kg 2 6.0M
	Second Extension	3450 Kg @ 7.9M
	Third Extension	2450 Kg 2 8.4M
	Fourth Extension	1780 Kg 2 10.5M (Option)
	Fifth Extension	1360 Kg 2 12.6M (Option)
	Sixth Extension	1100 Kg @ 14.7M (Option)
	Seventh Extension	920 Kg @ 16.8M (Option)
	Crane weight	6340-8459 lbs
	Total vertical reach	2.48M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	76'5"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	92.52"
	Crane mounting space requirement	3'4"-3'10"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	NA
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Rack and pinion
	Rotational torque in ft-lb's	23130 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	14.5 to 21.1 GPM @ 4640 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	see options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	202810 ft/ lbs
	Country of origin for crane	Austria
	Crane Overall Weight	6340-8459 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 32.83"
	Warranty	1 year
	BASE UNIT PRICE:	\$62,451.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK30002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 62,451.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 6". PK 30002		\$3,961.00	\$ -
2.2	4 section hydraulic boom extension from 26' 7" to 40' 8". PK 30002		\$6,826.00	\$ -
2.3	1 manual boom extension from 40' 8" to 47' 11". PK 30002		\$1,044.00	\$ -
2.4	2 manual boom extensions from 40' 8" to 55' 1". PK 30002		\$1,978.00	\$ -
2.5	5 section hydraulic boom extension from 26' 7" to 47' 11". PK 30002		\$10,456.00	\$ -
2.6	1 manual boom extension from 47' 11" to 55' 1". PK 30002		\$912.00	\$ -
2.7	2 manual boom extensions from 47' 11" to 62' 4". PK 30002		\$1,686.00	\$ -
2.8	6 section hyd boom ext 26' 7" to 55' 1" Incl High Boom Angle Monitor PK 30002		\$13,529.00	\$ -
2.9	1 manual boom extension from 55' 1" to 62' 4". PK 30002		\$775.00	\$ -
2.10	2 manual boom extensions from 55' 1" to 69' 7". PK 30002		\$1,511.00	\$ -
2.11	7 section hyd boom ext 26' 7" to 62' 8" Incl High Boom Angle Monitor PK 30002		\$17,381.00	\$ -
2.12	1 manual boom extension from 62' 8" to 69' 7". PK 30002		\$808.00	\$ -
2.13	2 manual boom extensions from 62' 8" to 76' 1". PK 30002		\$1,563.00	\$ -
2.14	8 section hyd boom ext 26' 7" to 69' 11" Incl High Boom Angle Monitor PK 30002		\$20,228.00	\$ -
2.15	1 manual boom extension from 69' 11" to 76' 5". PK 30002		\$765.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable outriggers with a spread of 24' 3". ILO Std		\$ 1,667.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 940.00	\$ -
3.3	180° hydraulic tilting stabilizers ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.9") extended stabilizer plates. (HXE 3507)		\$ 251.00	\$ -
3.5	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.6	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.7	Composite Stabilizer Pad		\$ 85.00	\$ -
3.8	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.9	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.13	Ballast Weight Modul		\$ 392.00	\$ -
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 625.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Second Paltronic 50 Display Second display mounted at control station		\$ 515.00	\$ -
6.6	SHB07 Slewing Limitation Additional module on Paltronic 50 wired to box.		\$ 775.00	\$ -
6.7	37 Gal hyd tank ILO std.		\$ 676.00	\$ -
6.8	53 Gal hyd tank ILO std.		\$ 932.00	\$ -
6.9	Hyd oil cooler-Fitted to return line, factory mtd w/cover 8.5KW. NA w/ Top Seat		\$ 1,205.00	\$ -
6.10	Hydraulic oil cooler - Fitted to return line, w/ cover 8.5KW		\$ 1,837.00	\$ -
6.11	Top seat controls Control valve mounted at top seat. Linear control levers		\$ 1,870.00	\$ -
6.12	Protective guard for Outer Boom Cylinder		\$ 393.00	\$ -
6.13	11.5 Metric Ton Load Hook		\$ 123.00	\$ -
6.14	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 564.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 30002A		\$ 2,819.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 30002B		\$ 3,258.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 30002C		\$ 3,838.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 30002D		\$ 4,542.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 30002E		\$ 5,193.00	\$ -
6.20	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.21	Preparation for the future installation of additional hose equipment		\$ 1,492.00	\$ -
6.22	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.23	Two-part-line Component kit.		\$ 628.00	\$ -
6.24	Preparation for the future installation of Winch		\$ 2,063.00	\$ -
6.25	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.26	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.27	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.28	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.29	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.30	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.31	Custom color of crane base, column and main boom		\$ 2,432.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 26002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5900 kg @ 4.1 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	5900 kg @ 4.1 m
	First Extension	4000 kg @ 6.0 m
	Second Extension	3050 kg @ 7.9 m
	Third Extension	2250 kg @ 10.1 m (Option)
	Fourth Extension	1700 kg @ 12.2 m (Option)
	Fifth Extension	1380 kg @ 14.4 m (Option)
	Sixth Extension	1120 kg @ 16.6 m (Option)
	Seventh Extension	820 kg @ 18.8 m (Option)
	Crane weight	5694-7690 lbs
	Total vertical reach	24.8M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	76'5"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	3'2"-3'8"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	20252 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	5,075 PSI 19.8-26.4 GPM
	Hydraulic oil reservoir size/description	53 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	YES
	Number of wireless remote functions	Varies
	Boom Cylinder description	Tubular Steel designed to 5,075 psi
	Crane rating	19620 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	5694-7690 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 32.60"
	Warranty	1 year
	BASE UNIT PRICE:	\$63,461.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK26002 EH** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 63,461.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 6". PK 26002-EH		\$3,399.00	\$ -
2.2	4 section hydraulic boom extension from 26' 7" to 40' 8" PK 26002-EH		\$5,986.00	\$ -
2.3	1 manual boom extension from 40' 8" to 47' 11". PK 26002-EH		\$1,044.00	\$ -
2.4	2 manual boom extensions from 40' 8" to 55' 1". PK 26002-EH		\$1,978.00	\$ -
2.5	5 section hydraulic boom extension from 26' 7" to 47' 11" PK 26002-EH		\$9,725.00	\$ -
2.6	1 manual boom extension from 47' 11" to 55' 1". PK 26002-EH		\$912.00	\$ -
2.7	2 manual boom extensions from 47' 11" to 62' 4". PK 26002-EH		\$1,686.00	\$ -
2.8	6 section hyd boom ext 26' 7" to 55' 1" Incl High Boom Angle Monitor PK 26002-EH		\$1,289.00	\$ -
2.9	1 manual boom extension from 55' 1" to 62' 4". PK 26002-EH		\$775.00	\$ -
2.10	2 manual boom extensions from 55' 1" to 69' 7". PK 26002-EH		\$1,511.00	\$ -
2.11	7 section hyd boom ext 26' 7" to 62' 8" Incl High Boom Angle Monitor PK 26002-EH		\$15,989.00	\$ -
2.12	1 manual boom extension from 62' 8" to 69' 7". PK 26002-EH		\$808.00	\$ -
2.13	2 manual boom extensions from 62' 8" to 76' 1". PK 26002-EH		\$1,563.00	\$ -
2.14	8 section hyd boom ext 26' 7" to 69' 11" Incl High Boom Angle Monitor PK 26002-EH		\$19,189.00	\$ -
2.15	1 manual boom extension from 69' 11" to 76' 5". PK 26002-EH		\$765.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable telescopic outriggers with a spread of 21' 8". ILO Std		\$ 543.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 930.00	\$ -
3.3	180° hydraulic tilting stabilizers. Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.87") extended stabilizer plates		\$ 251.00	\$ -
3.5	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.6	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.7	Composite Stabilizer Pad		\$ 85.00	\$ -
3.8	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.9	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.13	Ballast Weight Modul		\$ 392.00	\$ -
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
4.6	Radio Remote Control of Crane Stabilizers Requires R2X or R3X.		\$ 4,013.00	\$ -
4.7	Radio Remote Control of Crane Supports and Auxiliary Supports Requires		\$ 5,594.00	\$ -
5.0 ATTACHMENTS				
5.1	See universal options			\$ -
6.0 OTHER OPTIONS				
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 625.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.6	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.7	Control valve prepared for variable displacement (load sensing) pump.		\$ 555.00	\$ -
6.8	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,299.00	\$ -
6.9	Protective guard for Outer Boom Cylinder		\$ 517.00	\$ -
6.10	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.11	11.5 Metric Ton Load Hook		\$ 123.00	\$ -
6.12	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 378.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-EHA		\$ 2,649.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 3,310.00	\$ -
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 4,032.00	\$ -
6.16	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 4,631.00	\$ -
6.17	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 5,344.00	\$ -
6.18	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 5,986.00	\$ -
6.19	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 26002-EHG		\$ 5,986.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHA		\$ 3,291.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHB		\$ 3,952.00	\$ -
6.22	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHC		\$ 4,669.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHD		\$ 5,259.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHE		\$ 5,996.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-EHF		\$ 8,984.00	\$ -
6.26	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 26002-		\$ 8,984.00	\$ -
6.27	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.28	Preparation for the future installation of additional hose equipment		\$ 1,723.00	\$ -
6.29	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,832.00	\$ -
6.30	Two-part-line Component kit.		\$ 628.00	\$ -
6.31	Preparation for the future installation of Winch		\$ 2,314.00	\$ -
6.32	Hose kit for two hydraulic functions for PJ 080 B		\$ 4,900.00	\$ -
6.33	Hose kit for two hydraulic functions for PJ 080 C		\$ 5,354.00	\$ -
6.34	Hose kit for two hydraulic functions for PJ 060 A		\$ 4,447.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.35	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$ -
6.36	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$ -
6.37	Additional price add on for hydraulic winch in combination with PJ 080		\$ 2,082.00	\$ -
6.38	Additional price add on for hydraulic winch in combination with PJ 060		\$ 1,591.00	\$ -
6.39	Preparation for future mounting of Fly-jib		\$ 732.00	\$ -
6.41	Dual Power System Plus for fly-jib equipped cranes		\$ 2,016.00	\$ -
6.40	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.41	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.42	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.43	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.44	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.46	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.47	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.48	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 23502 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5300 kg @ 4.1 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	5300 kg @ 4.1 m
	First Extension	3600 kg @ 6.0 m
	Second Extension	2750 kg @ 7.9 m
	Third Extension	2000 kg @ 10.1 m (Option)
	Fourth Extension	1500 kg @ 12.2 m (Option)
	Fifth Extension	1200 kg @ 14.4 m (Option)
	Sixth Extension	960 kg @ 16.6 m (Option)
	Seventh Extension	730 kg @ 18.8 m (Option)
	Crane weight	5694-7690 lbs
	Total vertical reach	24.8M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	104.33"
	Total horizontal reach	76'5"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'9"
	Crane mounting space requirement	3'2"-3'8"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	20252 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	Various (See Options)
	Hydraulic pump type, GPM, PSI	4,640 PSI 13.2-19.8 GPM
	Hydraulic oil reservoir size/description	23 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	22050 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	5694-7690 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 32.60"
	Warranty	1 year
	BASE UNIT PRICE:	\$52,373.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK23502** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 52,373.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 7" to 33' 6". PK 23502		\$3,399.00	\$ -
2.2	4 section hydraulic boom extension from 26' 7" to 40' 8". PK 23502		\$3,267.00	\$ -
2.3	1 manual boom extension from 40' 8" to 47' 11". PK 23502		\$1,170.00	\$ -
2.4	2 manual boom extensions from 40' 8" to 55' 1". PK 23502		\$2,105.00	\$ -
2.5	5 section hydraulic boom extension from 26' 7" to 47' 11" PK 23502		\$9,725.00	\$ -
2.6	1 manual boom extension from 47' 11" to 55' 1". PK 23502		\$1,038.00	\$ -
2.7	2 manual boom extensions from 47' 11" to 62' 4". PK 23502		\$1,812.00	\$ -
2.8	6 section hyd boom ext 26' 7" to 56' 1" Incl High Boom Angle Monitor PK 23502		\$12,609.00	\$ -
2.9	1 manual boom extension from 55' 1" to 62' 4". PK 23502		\$901.00	\$ -
2.10	2 manual boom extensions from 55' 1" to 69' 7". PK 23502		\$1,638.00	\$ -
2.11	7 section hyd boom ext 26' 7" to 62' 8" Incl High Boom Angle Monitor PK 23502		\$15,989.00	\$ -
2.12	1 manual boom extension from 62' 8" to 69' 7". PK 23502		\$934.00	\$ -
2.13	2 manual boom extensions from 62' 8" to 76' 1". PK 23502		\$1,689.00	\$ -
2.14	8 section hyd boom ext 26' 7" to 69' 11" Incl High Boom Angle Monitor PK		\$19,189.00	\$ -
2.15	1 manual boom extension from 69' 11" to 76' 5". PK 23502		\$892.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable outriggers with a spread of 21' 8". ILO Std		\$ 543.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 930.00	\$ -
3.3	180° hydraulic tilting stabilizers ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.9") extended stabilizer plates. (HXE 3507)		\$ 251.00	\$ -
3.5	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.6	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.7	Composite Stabilizer Pad		\$ 85.00	\$ -
3.8	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.9	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.13	Ballast Weight Modul		\$ 392.00	\$ -
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Second Paltronic 50 Display Second display mounted at control station		\$ 515.00	\$ -
6.6	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.7	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.8	37 Gal hyd tank ILO std.		\$ 676.00	\$ -
6.9	53 Gal hyd tank ILO std.		\$ 932.00	\$ -
6.10	Hyd oil cooler-Fitted to return line, factory mtd w/cover 8.5KW. NA w/ Top Seat		\$ 1,205.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line, w/ cover 8.5KW		\$ 1,962.00	\$ -
6.12	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,304.00	\$ -
6.13	11.5 Metric Ton Load Hook		\$ 310.00	\$ -
6.14	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware		\$ 564.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23502A		\$ 2,691.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23502B		\$ 3,352.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23502C		\$ 4,070.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23502D		\$ 4,669.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23502E		\$ 5,396.00	\$ -
6.20	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.21	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.22	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.23	Two-part-line Component kit.		\$ 628.00	\$ -
6.24	Preparation for the future installation of Winch		\$ 2,063.00	\$ -
6.25	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.26	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.27	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.28	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.29	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.30	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.31	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 23500 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	4900 kg @ 4.6 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	4900 kg @ 4.6 m
	First Extension	3600 kg @ 6.1 m
	Second Extension	2730 kg @ 8.0 m
	Third Extension	2040 kg @ 10.1 m (Option)
	Fourth Extension	1600 kg @ 12.4 m (Option)
	Fifth Extension	1310 kg @ 14.6 m (Option)
	Sixth Extension	1000 kg @ 16.8 m (Option)
	Seventh Extension	620 kg @ 18.7 m (Option)
	Crane weight	5172-6382 lbs
	Total vertical reach	61'8"
	Horizontal hook approach from centerline of rotation	39.37 "
	Vertical hook approach from mounting surface	107.34"
	Total horizontal reach	61'8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'7"
	Crane mounting space requirement	2'10"-3'3"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	20252 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	4,350 PSI 13.2-19.8 GPM
	Hydraulic oil reservoir size/description	23 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	YES
	Number of wireless remote functions	Varies
	Boom Cylinder description	Tubular Steel designed to 4,350 psi
	Crane rating	22050 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	5172-6382 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84 Vert = 31.54"
	Warranty	1 year
	BASE UNIT PRICE:	\$47,299.00

CRANES

Spec #	Description	Qty	Price	Subtotal
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.2	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.3	Second Paltronic 50 Display mounted at control station on opposite		\$ 515.00	\$ -
6.4	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.5	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.6	53 Gal hyd tank ILO std.		\$ 932.00	\$ -
6.7	Hyd oil cooler-Fitted to return line, factory mtd w/cover 8.5KW. NA w/ Top Seat		\$ 1,329.00	\$ -
6.8	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,304.00	\$ -
6.9	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.10	Protective guard for Outer Boom Cylinder		\$ 517.00	\$ -
6.11	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23500A		\$ 2,691.00	\$ -
6.12	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23500B		\$ 3,352.00	\$ -
6.13	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23500C		\$ 4,070.00	\$ -
6.14	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23500D		\$ 4,669.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 23500E		\$ 5,396.00	\$ -
6.16	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.17	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.18	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.19	Two-part-line Component kit.		\$ 628.00	\$ -
6.20	Preparation for the future installation of Winch-Outer Boom		\$ 2,063.00	\$ -
6.21	Hose kit for one hydraulic function for PJ 060 A		\$ 2,507.00	\$ -
6.22	Hose kit for two hydraulic functions for PJ 060 A		\$ 4,447.00	\$ -
6.23	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$ -
6.24	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$ -
6.25	Additional price add on for hydraulic winch in combination with PJ 060		\$ 1,591.00	\$ -
6.26	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.27	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.28	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.29	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,753.00	\$ -
6.30	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.31	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.32	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.33	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 22002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5000 kg @ 4.0 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	5000 kg @ 4.0 m
	First Extension	3350 kg @ 6.0 m
	Second Extension	2500 kg @ 8.0 m
	Third Extension	1820 kg @ 10.2 m (Option)
	Fourth Extension	1440 kg @ 12.5 m (Option)
	Fifth Extension	1160 kg @ 14.7 m (Option)
	Sixth Extension	790 kg @ 17.0 m (Option)
	Seventh Extension	680 kg @ 18.9 m (Option)
	Crane weight	5271-6470 lbs
	Total vertical reach	20.5M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	107.56"
	Total horizontal reach	62'8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'8"
	Crane mounting space requirement	2'12"-3'4"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	16636 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	5,075 PSI 17.2-23.8 GPM
	Hydraulic oil reservoir size/description	23 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	YES
	Number of wireless remote functions	Varies
	Boom Cylinder description	Tubular Steel designed to 5,075 psi
	Crane rating	13440 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	5271-6470 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 31.97"
	Warranty	1 year
	BASE UNIT PRICE:	\$59,312.00

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger Model PK22002 EH

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 59,312.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 11" to 34' 1". PK 22002-EH		\$2,984.00	\$ -
2.2	1 manual boom extension from 34' 1" to 41' 4". PK 22002-EH		\$1,256.00	\$ -
2.3	2 manual boom extensions from 34' 1" to 48' 7". PK 22002-EH		\$2,403.00	\$ -
2.4	4 section hydraulic boom extension from 26' 11" to 41' 4". PK 22002-EH		\$5,212.00	\$ -
2.5	1 manual boom extension from 41' 4" to 48' 7". PK 22002-EH		\$1,105.00	\$ -
2.6	2 manual boom extensions from 41' 4" to 55' 9". PK 22002-EH		\$1,511.00	\$ -
2.7	5 section hydraulic boom extension from 26' 11" to 48' 11". PK 22002-EH		\$8,318.00	\$ -
2.8	1 manual boom extension from 48' 11" to 56' 1". PK 22002-EH		\$992.00	\$ -
2.9	2 manual boom extensions from 48' 11" to 62' 8". PK 22002-EH		\$1,936.00	\$ -
2.10	6 section hyd boom ext 26'11" to 56'1".Incl High Boom Angle Monitor PK 22002-EH		\$10,489.00	\$ -
2.11	1 manual boom extension from 56' 1" to 62' 8". PK 22002-EH		\$1,076.00	\$ -
2.12	PJ 060 A Hydraulic jib for PK 22002-EH B Additional articulated boom		\$13,548.00	\$ -
2.13	1 manual boom extension for PJ 060 A from 56' 5" to 62' 4".		\$765.00	\$ -
2.14	2 manual boom extensions for PJ 060 A from 56' 5" to 68' 10".		\$1,601.00	\$ -
2.15	PJ 060 B Hydraulic jib for PK 22002-EH B Additional articulated boom		\$15,186.00	\$ -
2.16	1 manual boom extension for PJ060 B from 62' 4" to 68' 10".		\$746.00	\$ -
2.17	2 manual boom extensions for PJ060 B from 62' 4" to 75' 5".		\$1,440.00	\$ -
2.18	PJ 060 A Hydraulic jib for PK 22002-EH C Additional articulated boom		\$13,548.00	\$ -
2.19	1 manual boom extension for PJ 060 A from 63' 8" to 69' 7".		\$765.00	\$ -
2.20	2 manual boom extensions for PJ 060 A from 63' 8" to 76' 1".		\$1,601.00	\$ -
2.21	PJ 060 B Hydraulic jib for PK 22002-EH C Additional articulated boom		\$15,186.00	\$ -
2.22	1 manual boom extension for PJ 060 B from 69' 7" to 76' 1".		\$746.00	\$ -
2.23	2 manual boom extensions for PJ 060 B from 69' 7" to 82' 8".		\$1,567.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable telescopic outriggers with a spread of 21' 8". ILO Std		\$ 543.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 930.00	\$ -
3.3	180° hydraulic tilting stabilizers. Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.87") extended stabilizer plates		\$ 251.00	\$ -
3.5	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.6	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.7	Composite Stabilizer Pad		\$ 85.00	\$ -
3.8	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.9	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.13	Ballast Weight Modul		\$ 392.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on			\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
4.6	Radio Remote Control of Crane Stabilizers Requires R2X or R3X.		\$ 4,013.00	\$ -
4.7	Radio Remote Control of Crane Supports and Auxiliary Supports Requires		\$ 5,594.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.6	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 921.00	\$ -
6.7	Control valve prepared for variable displacement (load sensing) pump.		\$ 431.00	\$ -
6.8	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,299.00	\$ -
6.9	Protective guard for Outer Boom Cylinder		\$ 517.00	\$ -
6.10	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.11	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.12	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 22002-EHA		\$ 2,649.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 22002-EHB		\$ 3,310.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 22002-EHC		\$ 4,032.00	\$ -
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 22002-EHD		\$ 4,631.00	\$ -
6.16	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 22002-EHE		\$ 5,344.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 22002-EHA		\$ 3,291.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 22002-EHB		\$ 3,952.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 22002-EHC		\$ 4,669.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 22002-EHD		\$ 5,259.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 22002-EHE		\$ 5,996.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.23	Preparation for the future installation of additional hose equipment		\$ 1,723.00	\$ -
6.24	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,832.00	\$ -
6.25	Two-part-line Component kit.		\$ 628.00	\$ -
6.26	Preparation for the future installation of Winch-Outer Boom		\$ 2,314.00	\$ -
6.27	Hose kit for one hydraulic function for PJ 060 A		\$ 2,507.00	\$ -
6.28	Hose kit for two hydraulic functions for PJ 060 A		\$ 4,447.00	\$ -
6.29	Hose kit for one hydraulic function for PJ 060 B		\$ 2,762.00	\$ -
6.30	Hose kit for two hydraulic functions for PJ 060 B		\$ 4,900.00	\$ -
6.31	Additional price add on for hydraulic winch in combination with PJ 060		\$ 1,591.00	\$ -
6.32	150W Halogen light w/ protective grating. On/off switch, only (1) per crane		\$ 632.00	\$ -
6.33	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,182.00	\$ -
6.34	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.35	(2) 3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 1,720.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.36	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.37	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.38	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.39	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.40	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 19502 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	4550 kg @ 4.0 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	4550 kg @ 4.0 m
	First Extension	3000 kg @ 6.0 m
	Second Extension	2250 kg @ 8.0 m
	Third Extension	1620 kg @ 10.2 m (Option)
	Fourth Extension	1260 kg @ 12.5 m (Option)
	Fifth Extension	1020 kg @ 14.7 m (Option)
	Sixth Extension	810 kg @ 16.8 m (Option)
	Seventh Extension	620 kg @ 18.9 m (Option)
	Crane weight	5271-6470 lbs
	Total vertical reach	20.5M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	107.56"
	Total horizontal reach	62'8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'8"
	Crane mounting space requirement	2'12"-3'4"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	16636 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	4,640 PSI 11.9-17.2 GPM
	Hydraulic oil reservoir size/description	23 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	13440 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	5271-6470 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 31.97"
	Warranty	1 year
	BASE UNIT PRICE:	\$48,404.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK19502**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 48,404.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	3 section hydraulic boom extension from 26' 11" to 34' 1". PK 19502		\$2,984.00	\$ -
2.2	1 manual boom extension from 34' 1" to 41' 4". PK 19502		\$1,383.00	\$ -
2.3	2 manual boom extensions from 34' 1" to 48' 7". PK 19502		\$2,530.00	\$ -
2.3	4 section hydraulic boom extension from 26' 11" to 41' 4". PK 19502		\$5,212.00	\$ -
2.4	1 manual boom extension from 41' 4" to 48' 7". PK 19502		\$1,232.00	\$ -
2.5	2 manual boom extensions from 41' 4" to 55' 9". PK 19502		\$1,638.00	\$ -
2.6	5 section hydraulic boom extension from 26' 11" to 48' 11". PK 19502		\$8,318.00	\$ -
2.7	1 manual boom extension from 48' 11" to 56' 1". PK 19502		\$1,118.00	\$ -
2.8	2 manual boom extensions from 48' 11" to 62' 8". PK 19502		\$2,062.00	\$ -
2.10	6 section hyd boom ext 26' 11" to 56' 1" Incl High Boom Angle Monitor PK 19502		\$10,489.00	\$ -
2.11	1 manual boom extension from 56' 1" to 62' 8". PK 19502		\$1,076.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulically extendable outriggers with a spread of 21' 8". ILO Std		\$ 543.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° position. ILO Std		\$ 930.00	\$ -
3.3	180° hydraulic tilting stabilizers ILO Std		\$ 2,007.00	\$ -
3.4	200mm (7.9") extended stabilizer plates. (HXE 3507)		\$ 251.00	\$ -
3.5	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.6	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.7	Composite Stabilizer Pad		\$ 85.00	\$ -
3.8	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.9	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.10	High Performance Stability Control		\$ 5,954.00	\$ -
3.11	Ballast Weight Modul		\$ 392.00	\$ -
3.12	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.13	Ballast Weight Modul		\$ 392.00	\$ -
3.14	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
3.15	Electric interface for connecting additional stabilizers with HPSC		\$ 175.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 185.00	\$ -
6.5	Second Paltronic 50 Display Second display mounted at control station		\$ 515.00	\$ -
6.6	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.7	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.8	37 Gal hyd tank ILO std.		\$ 676.00	\$ -
6.9	53 Gal hyd tank ILO std.		\$ 932.00	\$ -
6.10	Hyd oil cooler-Fitted to return line, factory mtd w/cover 8.5KW. NA w/ Top Seat		\$ 1,205.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line, w/ cover 8.5KW		\$ 1,962.00	\$ -
6.12	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,304.00	\$ -
6.13	Protective guard for Outer Boom Cylinder		\$ 393.00	\$ -
6.14	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and		\$ 440.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 19502A		\$ 2,691.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 19502B		\$ 3,352.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 19502C		\$ 4,070.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 19502D		\$ 4,669.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 19502E		\$ 5,396.00	\$ -
6.20	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.21	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.22	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.23	Two-part-line Component kit.		\$ 628.00	\$ -
6.24	Preparation for the future installation of Winch		\$ 2,063.00	\$ -
6.25	150W Halogen light w/ protective grating. On/off switch, only one (1) per crane		\$ 632.00	\$ -
6.26	3000 Lumen LED light w/ protective grating. On/off switch, only (1) per crane		\$ 915.00	\$ -
6.27	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.28	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.29	TRAN1 and TRAN2 Combined		\$ 1,412.00	\$ -
6.30	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.31	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 18002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	4200 kg @ 3.9 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	4200 kg @ 3.9 m
	First Extension	2750 kg @ 5.9 m
	Second Extension	2050 kg @ 7.9 m
	Third Extension	1500 kg @ 10.1 m (Option)
	Fourth Extension	1160 kg @ 12.4 m (Option)
	Fifth Extension	930 kg @ 14.6 m (Option)
	Sixth Extension	730 kg @ 16.8 m (Option)
	Seventh Extension	410 kg @ 19.1 m (Option)
	Crane weight	4173-5227 lbs
	Total vertical reach	65'6"
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	105.98"
	Total horizontal reach	62'
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'5"
	Crane mounting space requirement	2'9"-3'1"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	14466 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	5,075 PSI 15.9-21.1 GPM
	Hydraulic oil reservoir size/description	53 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	4 std 7-8 optional
	Boom Cylinder description	Tubular Steel designed to 5,075 psi
	Crane rating	96590 Ft Lbs
	Country of origin for crane	Austria
	Crane Overall Weight	4173-5227 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 30.24"
	Warranty	1 year
	BASE UNIT PRICE:	\$54,101.00

CRANES

Spec #	Description	Qty	Price	Subtotal
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Control valve prepared for variable displacement (load sensing) pump.		\$ 369.00	\$ -
6.6	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,299.00	\$ -
6.7	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.8	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.9	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.10	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.11	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 18002-EHA		\$ 2,649.00	\$ -
6.12	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 18002-EHB		\$ 3,310.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 18002-EHC		\$ 4,032.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 18002-EHD		\$ 468.00	\$ -
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 18002-EHE		\$ 5,344.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 18002-EHA		\$ 3,291.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 18002-EHB		\$ 3,952.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 18002-EHC		\$ 4,669.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 18002-EHD		\$ 5,259.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 18002-EHE		\$ 5,996.00	\$ -
6.21	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.22	Preparation for the future installation of additional hose equipment		\$ 1,629.00	\$ -
6.23	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,832.00	\$ -
6.24	Two-part-line Component kit.		\$ 628.00	\$ -
6.25	Preparation for the future installation of Winch		\$ 2,314.00	\$ -
6.26	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.27	(2) 150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 992.00	\$ -
6.28	4200 lumen output. IP69K protection mounting bracket. On/off switch at primary control station. 1 "free function" on RRC is used.		\$ 789.00	\$ -
6.29	4200 lumen output. IP69K protection mounting bracket. On/off switch at primary		\$ 1,563.00	\$ -
6.30	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.31	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.32	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.33	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.35	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 17.001 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	4250 KG @ 4.0 M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	4250 KG @ 4.0M
	First Extension	1800 KG @ 6.0M
	Second Extension	1960 KG @ 8.0M
	Third Extension	1320 KG @ 10.3M
	Fourth Extension	1080 KG @ 12.5M
	Fifth Extension	830 KG @ 14.7M
	Sixth Extension	39.37"
	Seventh Extension	106.73"
	Crane weight	3680 Lbs
	Total vertical reach	18.2M
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	62'4"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	88.58"
	Crane mounting space requirement	2'8"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	14460.0 ft_lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	10.6 to 15.9 US gpm @ 4785 PSI
	Hydraulic oil reservoir size/description	17.2 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	4 standard up to 8
	Boom Cylinder description	Tubular Steel designed to 4,785 psi
	Crane rating	121548.0 ft_lbs
	Country of origin for crane	Austria
	Crane Overall Weight	3680 lbs
	Crane Stowed Center of Gravity	Horiz = 7.24" Vert = 23.72"
	Warranty	1 year
	BASE UNIT PRICE:	\$41,665.00

CRANES

Spec #	Description	Qty	Price	Subtotal
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing, included		\$ 345.00	\$ -
6.6	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.7	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 741.00	\$ -
6.8	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.9	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.10	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line 8.5KW (Factory Install)		\$ 1,143.00	\$ -
6.12	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.13	Top seat controls / with stop start		\$ 3,659.00	\$ -
6.14	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 222.00	\$ -
6.15	Slewing Angle Monitoring		\$ 392.00	\$ -
6.16	Soft Stop Slewing		\$ 392.00	\$ -
6.17	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software		\$ 378.00	\$ -
6.18	4() 2 Function Hose Kit		\$ 2,432.00	\$ -
6.19	A4 2 Function Hose Kit		\$ 2,691.00	\$ -
6.20	B4 2 Function Hose Kit		\$ 3,003.00	\$ -
6.21	C4 2 Function Hose Kit		\$ 3,357.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$ 95.00	\$ -
6.23	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.24	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.25	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -
6.28	Two-part-line Component kit.		\$ 628.00	\$ -
6.29	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.30	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 487.00	\$ -
6.31	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 732.00	\$ -
6.32	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.33	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.34	Transport Position Check - Outriggers and Stabilizers Retracted		\$ 894.00	\$ -
6.34	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 16002 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	3750 kg @ 3.9 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	3750 kg @ 3.9 m
	First Extension	2450 kg @ 5.9 m
	Second Extension	1840 kg @ 7.9 m
	Third Extension	1340kg @ 10.1 m (Option)
	Fourth Extension	1020 kg @ 12.4 m (Option)
	Fifth Extension	810 kg @ 14.6 m (Option)
	Sixth Extension	640 kg @ 16.8 m (Option)
	Seventh Extension	500 kg @ 18.8 m (Option)
	Crane weight	4118-5172 lbs
	Total vertical reach	67'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	105.98"
	Total horizontal reach	62
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	7'5"
	Crane mounting space requirement	2'9"-3'1"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	14466 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	4,640 PSI 10.6-15.9 GPM
	Hydraulic oil reservoir size/description	21 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	13670 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	4118-5172 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vrt = 30.43"
	Warranty	1 year
	BASE UNIT PRICE:	\$43,093.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK16002**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 43,093.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	B 3 section hydraulic boom extension from 26' 7" to 33' 10". PK 16002		\$3,055.00	\$ -
2.2	BV1 1 manual boom extension from 33' 10" to 41' 4". PK 16002		\$1,038.00	\$ -
2.3	BV2 2 manual boom extensions from 33' 10" to 48' 7". PK 16002		\$1,812.00	\$ -
2.3	C 4 section hydraulic boom extension from 26' 7" to 41' 4". PK 16002		\$5,278.00	\$ -
2.4	CV1 1 manual boom extension from 41' 4" to 48' 7". PK 16002		\$901.00	\$ -
2.5	CV2 2 manual boom extensions from 41' 4" to 55' 9". PK 16002		\$1,638.00	\$ -
2.6	D 5 section hydraulic boom extension from 26' 7" to 48' 7". PK 16002		\$7,487.00	\$ -
2.7	DV1 1 manual boom extension from 48' 7" to 55' 9". PK 16002		\$863.00	\$ -
2.8	DV2 2 manual boom extension from 48' 7" to 62' 4". PK 16002		\$1,472.00	\$ -
2.10	E 6 section hyd boom ext 26' 7" to 55' 9" Incl High Boom Angle Monitor PK 16002		\$9,980.00	\$ -
2.11	EV1 1 manual boom extension from 55' 9" to 62' 4". PK 16002		\$863.00	\$ -
2.12				\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder		\$ 463.00	\$ -
3.2	Hydraulically extendable outriggers with a spread of 18' 4". ILO Std		\$ 2,729.00	\$ -
3.3	Hydraulically extendable telescopic outriggers with a spread of 18' 4" ILO Std		\$ 3,097.00	\$ -
3.4	Manually tiltable stabilizers (STZY3). Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.5	Mechanically tiltable stabilizers (STZYM). Stowable in 180 degree position.		\$ 1,412.00	\$ -
3.6	180° hydraulic tilting stabilizers (STZY). Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.7	Extended length reduced from 48.8" to 21.3" (when specified in crane order)		\$ -	\$ -
3.8	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.9	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.10	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.11	Composite Stabilizer Pad		\$ 85.00	\$ -
3.12	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.13	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.14	High Performance Stability Control		\$ 5,954.00	\$ -
3.15	Module for connection to HPSC system for Front Bumper Supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.16	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports.		\$ 392.00	\$ -
3.17	Ballast Weight Modul		\$ 392.00	\$ -
3.18	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA		\$ -	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Second Paltronic 50 Display Second display mounted at control station		\$ 515.00	\$ -
6.6	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.7	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,440.00	\$ -
6.8	37 Gal hyd tank ILO std.		\$ 1,207.00	\$ -
6.9	Hydraulic oil cooler - Fitted to return line, factory mtd w/ cover 8.5KW		\$ 1,143.00	\$ -
6.10	Hydraulic oil cooler - Fitted to return line, Shipped w/ cover 8.5KW		\$ 1,900.00	\$ -
6.11	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,304.00	\$ -
6.12	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.13	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 16002A		\$ 2,691.00	\$ -
6.14	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 16002B		\$ 3,352.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 16002C		\$ 4,070.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 16002D		\$ 4,669.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 16002E		\$ 5,396.00	\$ -
6.18	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.19	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.20	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.21	Two-part-line Component kit.		\$ 619.00	\$ -
6.22	Preparation for the future installation of Winch		\$ 2,063.00	\$ -
6.23	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.24	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 789.00	\$ -
6.25	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.26	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.27	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.28	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.29	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 14.501 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	13700 LBS
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	3700 KG @ 40M
	First Extension	2450 KG @ 6.0M
	Second Extension	1680 KG @ 8.0M
	Third Extension	1120Kg @ 10.3M
	Fourth Extension	910Kg @ 12.5M
	Fifth Extension	670Kg @ 14.7M
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	3400 Lbs
	Total vertical reach	18.1M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	106.30"
	Total horizontal reach	62'4"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	87.20"
	Crane mounting space requirement	2'5"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	11580.0 ft_lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	13.2 -18.5 US gpm @ 5220 PSI
	Hydraulic oil reservoir size/description	17.2 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	4 std 7 optional
	Boom Cylinder description	Tubular Steel designed to 5,220 psi
	Crane rating	104908.0 ft_lbs
	Country of origin for crane	Austria
	Crane Overall Weight	3889-4866 lbs
	Crane Stowed Center of Gravity	Horiz = 0.45" Vert = 23.68"
	Warranty	1 year
	BASE UNIT PRICE:	\$41,665.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK14.501 SLD**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 41,665.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension to 26' 11" (8.2 m)		\$ 2,314.00	\$ -
2.2	1 manual boom extension to 34' (10.3 m)		\$ 1,076.00	\$ -
2.3	2 manual boom extensions to 41' (12.5 m)		\$ 1,930.00	\$ -
2.4	3 section hydraulic boom extension to 34' 1" (10.4 m)		\$ 4,376.00	\$ -
2.5	1 manual boom extension to 41' (12.6 m)		\$ 958.00	\$ -
2.6	2 manual boom extensions to 49' (14.8 m)		\$ 1,685.00	\$ -
2.7	4 section hydraulic boom extension to 41' 4" (12.6 m)		\$ 6,438.00	\$ -
2.8	1 manual boom extension to 49' (14.8 m)		\$ 911.00	\$ -
2.9	2 manual boom extensions to 56' (17.0 m)		\$ 1,638.00	\$ -
2.10	5 section hydraulic boom extension to 48' 7" (14.8 m)		\$ 8,191.00	\$ -
2.11	1 manual boom extension to 56' (17.0 m)		\$ 896.00	\$ -
2.12	2 manual boom extensions to 62' (19.0 m)		\$ 1,919.00	\$ -
2.13	Continuing Cylinder, A boom only		\$ 222.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder		\$ 463.00	\$ -
3.2	Hydraulically extendable outriggers with a spread of 18' 4". ILO Std		\$ 2,729.00	\$ -
3.3	Hydraulically extendable telescopic outriggers with a spread of 18' 4" ILO Std		\$ 3,097.00	\$ -
3.4	Manually tiltable stabilizers (STZY3). Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.5	Mechanically tiltable stabilizers (STZYM). Stowable in 180 degree position.		\$ 1,412.00	\$ -
3.6	180° hydraulic tilting stabilizers (STZY). Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.7	Extended length reduced from 48.8" to 21.3" (when specified in crane order)		\$ -	\$ -
3.8	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.9	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.10	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.11	Composite Stabilizer Pad		\$ 85.00	\$ -
3.12	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.13	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.14	High Performance Stability Control		\$ 5,954.00	\$ -
3.15	Module for connection to HPSC system for Front Bumper Supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.16	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports.		\$ 392.00	\$ -
3.17	Ballast Weight Modul		\$ 392.00	\$ -
3.18	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control		\$ -	\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
4.3	With 4 section control valve		\$ 7,638.00	\$ -
4.4	With 5 section control valve		\$ 8,087.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
4.5	With 6 section control valve		\$ 8,535.00	\$ -
4.6	With 7 section control valve		\$ 8,979.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing, included		\$ -	\$ -
6.6	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.7	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 741.00	\$ -
6.8	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.9	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.10	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line 8.5KW (Factory Install)		\$ 1,143.00	\$ -
6.12	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.13	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 222.00	\$ -
6.14	Slewing Angle Monitoring		\$ 392.00	\$ -
6.15	Soft Stop Slewing		\$ 392.00	\$ -
6.16	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and		\$ 378.00	\$ -
6.17	()2 1 Function Hose Kit		\$ 1,964.00	\$ -
6.18	A2 1 Function Hose Kit		\$ 2,120.00	\$ -
6.19	B2 1 Function Hose Kit		\$ 2,233.00	\$ -
6.20	C2 1 Function Hose Kit		\$ 2,474.00	\$ -
6.21	D2 1 Function Hose Kit		\$ 2,715.00	\$ -
6.22	4 () 2 Function Hose Kit		\$ 3,031.00	\$ -
6.23	A4 2 Function Hose Kit		\$ 3,286.00	\$ -
6.24	B4 2 Function Hose Kit		\$ 3,598.00	\$ -
6.25	C4 2 Function Hose Kit		\$ 3,980.00	\$ -
6.26	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$ 95.00	\$ -
6.27	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.28	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.29	Quick release coupling at end of 2-function hose kit on crane		\$ 1,454.00	\$ -
6.30	2.5 ton PALFINGER Piston Motor Winch		\$ 7,832.00	\$ -
6.31	Two-part-line Component kit.		\$ 628.00	\$ -
6.32	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.33	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 487.00	\$ -
6.34	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 732.00	\$ -
6.35	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.36	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.37	Transport Position Check - Outriggers and Stabilizers Retracted		\$ 894.00	\$ -
6.38	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	NO FLAT RATE ALLOWED			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 13.501 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	3350KG @ 4.0M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	3350KG @ 4.0M
	First Extension	2200Kg @ 6M
	Second Extension	1500Kg @ 8.0M
	Third Extension	980Kg @ 10.3M
	Fourth Extension	800Kg @ 12.5M
	Fifth Extension	590Kg @ 14.7M
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	3330 Lbs
	Total vertical reach	13.8M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	106.30"
	Total horizontal reach	48'7"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	87.20"
	Crane mounting space requirement	2'5"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	11580.0 ft_lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	9-13 GPM @ 4785PSI
	Hydraulic oil reservoir size/description	17.2 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	4 std 7 optional
	Boom Cylinder description	Tubular steel designed to 4,785 psi
	Crane rating	94960.0 ft_lbs
	Country of origin for crane	Austria
	Crane Overall Weight	3889-4866 lbs
	Crane Stowed Center of Gravity	Horiz = 0.45" Vert = 23.68"
	Warranty	1 year
	BASE UNIT PRICE:	\$30,797.00

CRANES

Spec #	Description	Qty	Price	Subtotal
4.4	With 5 section control valve		\$ 8,087.00	\$ -
4.5	With 6 section control valve		\$ 8,535.00	\$ -
4.6	With 7 section control valve		\$ 8,979.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing		\$ 345.00	\$ -
6.6	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.7	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 741.00	\$ -
6.8	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.9	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.10	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line 8.5KW (Factory Install)		\$ 1,143.00	\$ -
6.12	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.13	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 222.00	\$ -
6.14	Slewing Angle Monitoring		\$ 392.00	\$ -
6.15	Soft Stop Slewing		\$ 392.00	\$ -
6.16	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software		\$ 378.00	\$ -
6.17	Top seat controls Control valve mounted at top seat. Linear control with Stop Start at		\$ 3,026.00	\$ -
6.18	4() 2 Function Hose Kit		\$ 2,432.00	\$ -
6.19	A4 2 Function Hose Kit		\$ 2,691.00	\$ -
6.20	B4 2 Function Hose Kit		\$ 3,003.00	\$ -
6.21	C4 2 Function Hose Kit		\$ 3,357.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$ 95.00	\$ -
6.23	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.24	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.25	Quick release coupling at end of 2-function hose kit on crane		\$ 1,454.00	\$ -
6.26	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,832.00	\$ -
6.27	Two-part-line Component kit.		\$ 628.00	\$ -
6.28	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.29	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 487.00	\$ -
6.30	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 732.00	\$ -
6.31	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.32	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.33	Transport Position Check - Outriggers and Stabilizers Retracted		\$ 894.00	\$ -
6.34	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 14002-EH Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	3250 kg @ 3.9 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	3250 kg @ 3.9 m
	First Extension	2150 kg @ 5.9 m
	Second Extension	1580 kg @ 7.9 m (Option)
	Third Extension	1140 kg @ 10.1 m (Option)
	Fourth Extension	860 kg @ 12.4 m (Option)
	Fifth Extension	670 kg @ 14.6 m (Option)
	Sixth Extension	380 kg @ 16.9 m (Option)
	Seventh Extension	300 kg @ 19.1 m (Option)
	Crane weight	3944-4921 lbs.
	Total vertical reach	71'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	105.96"
	Total horizontal reach	62'
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	89.37"
	Crane mounting space requirement	32.68"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Rach and pinion
	Rotational torque in ft-lb's	11580 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	13.2-18.5 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	37 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	4 std 7-8 optional
	Boom Cylinder description	Tubular Steel designed to
	Crane rating	96590 Ft Lbs
	Country of origin for crane	Austria
	Crane Overall Weight	3889-4866 lbs
	Crane Stowed Center of Gravity	Horiz = 9.84" Vert = 29.92"
	Warranty	1 year
	BASE UNIT PRICE:	\$46,591.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK13002** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 46,591.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	B 3 section hydraulic boom extension from 26' 7" to 33' 10". PK 14002-EH		\$2,842.00	\$ -
2.2	BV1 1 manual boom extension from 33' 10" to 41' 4". PK 14002-EH		\$1,038.00	\$ -
2.3	BV2 2 manual boom extensions from 33' 10" to 48' 7". PK 14002-EH		\$1,812.00	\$ -
2.3	C 4 section hydraulic boom extension from 26' 7" to 41' 4".PK 14002-EH		\$4,792.00	\$ -
2.4	CV!11 manual boom extension from 41' 4" to 48' 7". PK 14002-EH		\$901.00	\$ -
2.5	CV2 2 manual boom extensions from 41' 4" to 55' 9". PK 14002-EH		\$1,638.00	\$ -
2.6	D 5 section hydraulic boom extension from 26' 7" to 48' 7". PK 14002-EH		\$7,119.00	\$ -
2.7	DV1 1 manual boom extension from 48' 7" to 55' 9". PK 14002-EH		\$863.00	\$ -
2.8	DV2 2 manual boom extension from 48' 7" to 62' 4". PK 14002-EH		\$1,472.00	\$ -
2.10	E 6 section hyd boom ext 26' 7" to 55' 9".Incl High Boom Angle Monitor PK 14002-EH		\$9,522.00	\$ -
2.11	EV1 1 manual boom extension from 55' 9" to 62' 4". PK 14002-EH		\$863.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder		\$ 463.00	\$ -
3.2	Hydraulically extendable outriggers with a spread of 18' 4". ILO Std		\$ 2,729.00	\$ -
3.3	Hydraulically extendable telescopic outriggers with a spread of 18' 4" ILO Std		\$ 3,097.00	\$ -
3.4	Manually tiltable stabilizers (STZY3). Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.5	Mechanically tiltable stabilizers (STZYM). Stowable in 180 degree position.		\$ 1,412.00	\$ -
3.6	180° hydraulic tilting stabilizers (STZY). Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.7	Extended length reduced from 48.8" to 21.3" (when specified in crane order)		\$ -	\$ -
3.8	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.9	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.10	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.11	Composite Stabilizer Pad		\$ 85.00	\$ -
3.12	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.13	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.14	High Performance Stability Control		\$ 5,954.00	\$ -
3.15	Module for connection to HPSC system for Front Bumper Supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.16	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports.		\$ 392.00	\$ -
3.17	Ballast Weight Modul		\$ 392.00	\$ -
3.18	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on		\$ -	\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
4.3	Add on for 7th - Function for radio remote control with Danfoss valve.		\$ 737.00	\$ -
4.4	Add on for 7th and 8th - Functions for radio remote control with		\$ 1,185.00	\$ -
4.5	Add on for 7th, 8th and 9th - Functions for radio remote control with		\$ 2,026.00	\$ -
5.0	ATTACHMENTS			

CRANES

Spec #	Description	Qty	Price	Subtotal
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Control valve prepared for variable displacement (load sensing) pump.		\$ 369.00	\$ -
6.6	Active Oscillation Suppression System (AOS) PALFINGER AOS equalizes		\$ 1,299.00	\$ -
6.7	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.8	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.9	HKONS Top Seat with Bracket for Radio Remote Control Standard seat		\$ 1,757.00	\$ -
6.10	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.11	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.12	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 14002-EHA		\$ 2,649.00	\$ -
6.13	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 14002-EHB		\$ 3,310.00	\$ -
6.14	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 14002-EHC		\$ 4,032.00	\$ -
6.15	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 14002-EHD		\$ 4,631.00	\$ -
6.16	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 14002-EHE		\$ 5,344.00	\$ -
6.17	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 14002-EHA		\$ 3,291.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 14002-EHB		\$ 3,952.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 14002-EHC		\$ 4,669.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 14002-EHD		\$ 5,259.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 14002-EHE		\$ 5,996.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.23	Preparation for the future installation of additional hose equipment		\$ 1,723.00	\$ -
6.24	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 5,510 lbs		\$ 7,832.00	\$ -
6.25	Two-part-line Component kit.		\$ 628.00	\$ -
6.26	Preparation for the future installation of Winch		\$ 2,314.00	\$ -
6.27	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.28	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 789.00	\$ -
6.29	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.30	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.31	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.32	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.33	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 13002 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2950 kg @ 3.9 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2950 kg @ 3.9 m
	First Extension	1900 kg @ 5.9 m
	Second Extension	1400 kg @ 7.9 m (Option)
	Third Extension	1000 kg @ 10.1 m (Option)
	Fourth Extension	740 kg @ 14.6 m (Option)
	Fifth Extension	440 kg @ 16.8 m (Option)
	Sixth Extension	340 kg @ 18.8 m (Option)
	Seventh Extension	NA
	Crane weight	3889-4866 lbs
	Total vertical reach	62'
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	105.98"
	Total horizontal reach	62'4"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	89.37"
	Crane mounting space requirement	2'9"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	420° rotation
	Rotation system brake	NA
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	11580 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	32.0 MPa 35-50 LPM
	Hydraulic oil reservoir size/description	21 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	Tubular Steel designed to
	Crane rating	13670 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	3889-4866 lbs
	Crane Stowed Center of Gravity	Horiz = 6.65" Vert 30.16"
	Warranty	1 year
	BASE UNIT PRICE:	\$36,116.00

CRANES

VENDOR:

Aspen Equipment Co

MAKE/MOD

Palfinger Model PK13002

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 36,116.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	B 3 section hydraulic boom extension from 26' 7" to 33' 10". PK 13002		\$2,842.00	\$ -
2.2	1 manual boom extension from 33' 10" to 41' 4". PK 13002		\$1,038.00	\$ -
2.3	2 manual boom extensions from 33' 10" to 48' 7". PK 13002		\$1,812.00	\$ -
2.3	C 4 section hydraulic boom extension from 26' 7" to 41' 4". PK 13002		\$4,792.00	\$ -
2.4	1 manual boom extension from 41' 4" to 48' 7". PK 13002		\$901.00	\$ -
2.5	2 manual boom extensions from 41' 4" to 55' 9". PK 13002		\$1,638.00	\$ -
2.6	D 5 section hydraulic boom extension from 26' 7" to 48' 7". PK 13002		\$7,119.00	\$ -
2.7	1 manual boom extension from 48' 7" to 55' 9". PK 13002		\$863.00	\$ -
2.8	2 manual boom extension from 48' 7" to 62' 4". PK 13002		\$1,472.00	\$ -
2.10	E 6 section hyd boom ext 26' 7" to 55' 9". Incl High Boom Angle Monitor PK 13002		\$9,522.00	\$ -
2.11	1 manual boom extension from 55' 9" to 62' 4". PK 13002		\$863.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder		\$ 463.00	\$ -
3.2	Hydraulically extendable outriggers with a spread of 18' 4". ILO Std		\$ 2,729.00	\$ -
3.3	Hydraulically extendable telescopic outriggers with a spread of 18' 4" ILO Std		\$ 3,097.00	\$ -
3.4	Manually tiltable stabilizers (STZY3). Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.5	Mechanically tiltable stabilizers (STZYM). Stowable in 180 degree position.		\$ 1,412.00	\$ -
3.6	180° hydraulic tilting stabilizers (STZY). Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.7	Extended length reduced from 48.8" to 21.3" (when specified in crane order)		\$ -	\$ -
3.8	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.9	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.10	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.11	Composite Stabilizer Pad		\$ 85.00	\$ -
3.12	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.13	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.14	High Performance Stability Control		\$ 5,954.00	\$ -
3.15	Module for connection to HPSC system for Front Bumper Supports. (Does not include supports, see Auxillary Crane Support price sheet).		\$ 392.00	\$ -
3.16	Module for connection to HPSC system for Front Bumper Supports. Does not include supports. (Does not include supports.		\$ 392.00	\$ -
3.17	Ballast Weight Modul		\$ 392.00	\$ -
3.18	Module for connection to HPSC system for an additional detachable ballast weight or trailer connection.		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			

CRANES

Spec #	Description	Qty	Price	Subtotal
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **			\$ -
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Second Paltronic 50 Display Second display mounted at control station		\$ 515.00	\$ -
6.6	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.7	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 1,346.00	\$ -
6.8	37 Gal hyd tank ILO std.		\$ 701.00	\$ -
6.9	Hydraulic oil cooler - Fitted to return line, factory mtd w/ cover 8.5KW		\$ 1,775.00	\$ -
6.10	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,304.00	\$ -
6.11	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.111	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.12	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 13002A		\$ 2,691.00	\$ -
6.13	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 13002B		\$ 2,380.00	\$ -
6.14	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 13002C		\$ 4,070.00	\$ -
6.15	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 13002D		\$ 4,669.00	\$ -
6.16	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 13002E		\$ 5,396.00	\$ -
6.17	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.18	Preparation for the future installation of additional hose equipment		\$ 1,364.00	\$ -
6.19	2.5 ton PALFINGER Piston Motor Winch. Hydraulic winch with 2.5 Metric		\$ 7,416.00	\$ -
6.20	Two-part-line Component kit.		\$ 628.00	\$ -
6.21	Preparation for the future installation of Winch		\$ 2,063.00	\$ -
6.22	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.23	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 789.00	\$ -
6.24	Limit switch at boom rest check for the boom in folded position.		\$ 894.00	\$ -
6.25	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 894.00	\$ -
6.26	TRAN1 and TRAN2 Combined		\$ 1,336.00	\$ -
6.27	Limit switches for outrigger beams and stabilizers.		\$ 969.00	\$ -
6.28	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount Price List Date and Number		0.00%	
9.0	DELIVERY CHARGES DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 12.501 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	3050 Lbs @ 3.7M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	3050 @ 3.7M
	First Extension	1700 @ 5.9M
	Second Extension	1240 @ 7.8M (option)
	Third Extension	950Lbs @ 9.8M (option)
	Fourth Extension	770Lbs @ 11.9M (option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2580 Lbs
	Total vertical reach	13M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	114.21"
	Total horizontal reach	52'2"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	83.07"
	Crane mounting space requirement	32.208"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 degrees @ 360 degree working area
	Rotation system brake	NA
	Rotation system Drive	Rack and pinion
	Rotational torque in ft-lb's	9370 ft/lbs
	Outrigger description, width & design	10'10" to 18'4" Out and down
	Outrigger hydraulic description (independent down, stroke length, etc.	Independent down 24"
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	11.9 to 15.9 GPM @ 5220 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mount
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	Tubular steel designed to 5,220 psi
	Crane rating	83160 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2580 Lbs
	Crane Stowed Center of Gravity	Horz = 8.7" Vert = 22.67"
	Warranty	1 year
	BASE UNIT PRICE:	\$36,362.00

CRANES

VENDOR:

Aspen Equipment Co

MAKE/MOD

Palfinger Model PK12.501 SLD

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 36,362.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	A 2 section hydraulic boom extension to 25'6" (7.8m) 12.501 SLD 5		\$2,144.00	\$ -
2.2	V1A 1 manual boom extension to 33' (10m) 12.501 SLD 5		\$1,038.00	\$ -
2.3	V2A 2 manual boom extensions to 40' (12.2m) 12.501 SLD 5		\$1,812.00	\$ -
2.3	B 3 section hydraulic boom extension to 32'6" (9.9m) 12.501 SLD 5		\$4,244.00	\$ -
2.4	V1B 1 manual boom extension to 40' (12.1m) 12.501 SLD 5		\$901.00	\$ -
2.5	V2B 2 manual boom extensions to 46' (14.1m) 12.501 SLD 5		\$1,638.00	\$ -
2.6	C 4 section hydraulic boom extension to 39' 6" (12.0m) 12.501 SLD 5		\$5,788.00	\$ -
2.7	V1C 1 manual boom extension to 46' (14.0m) 12.501 SLD 5		\$863.00	\$ -
2.8	V2C 2 manual boom extensions to 53' (16.0m) 12.501 SLD 5		\$1,586.00	\$ -
2.10	Continuing Cylinder, A boom only		\$349.00	\$ -
2.11				\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder		\$ 463.00	\$ -
3.2	Hydraulically extendable outriggers with a spread of 18' 4". ILO Std		\$ 2,729.00	\$ -
3.3	Hydraulically extendable telescopic outriggers with a spread of 18' 4" ILO Std		\$ 3,097.00	\$ -
3.4	Manually tiltable stabilizers (STZY3). Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.5	Mechanically tiltable stabilizers (STZYM). Stowable in 180 degree position.		\$ 1,412.00	\$ -
3.6	180° hydraulic tilting stabilizers (STZY). Requires R2X or R3X. ILO Std		\$ 2,007.00	\$ -
3.7	Extended length reduced from 48.8" to 21.3" (when specified in crane order)		\$ -	\$ -
3.8	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.9	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.10	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.11	Composite Stabilizer Pad		\$ 85.00	\$ -
3.12	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.13	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
3.14	High Performance Stability Control		\$ 5,954.00	\$ -
3.15	HPSC-Plus module LOAD		\$ 831.00	\$ -
3.16	Ballast Weight Modul		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on		\$ -	\$ -
4.2	Large Scanreco transmitter. In lieu of standard. (approx 4" wider than		\$ 222.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit. Use with subframe mounts		\$ 615.00	\$ -
6.3	8-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.4	8-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing		\$ -	\$ -
6.6	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.7	Control valve prepared for variable displacement (load sensing) pump		\$ 635.00	\$ -
6.8	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 583.00	\$ -
6.9	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.10	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.11	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.12	Hydraulic oil cooler - Fitted to return line 8.5KW (Factory Install)		\$ 1,143.00	\$ -
6.13	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.14	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 222.00	\$ -
6.15	Slewing Angle Monitoring		\$ 392.00	\$ -
6.16	Soft Stop Slewing		\$ 392.00	\$ -
6.17	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software		\$ 378.00	\$ -
6.18	Top seat controls Control valve mounted at top seat. Linear control		\$ 2,235.00	\$ -
6.19	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5		\$ 1,964.00	\$ -
6.20	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 A		\$ 2,120.00	\$ -
6.21	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 B		\$ 2,233.00	\$ -
6.22	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 C		\$ 2,474.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5		\$ 3,031.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 A		\$ 3,286.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 B		\$ 3,598.00	\$ -
6.26	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 12.501 SLD 5 C		\$ 3,980.00	\$ -
6.27	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$ 95.00	\$ -
6.28	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.29	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.30	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -
6.31	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,563.00	\$ -
6.32	Two-part-line Component kit.		\$ 628.00	\$ -
6.33	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.35	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 487.00	\$ -
6.36	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 732.00	\$ -
6.37	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.38	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.39	Transport Position Check - Outriggers and Stabilizers Retracted		\$ 894.00	\$ -
6.40	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -
6.42	Short Column with height to top of main boom in horizontal position approx. 51.26 inches.		\$ 2,560.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			0.00%	
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
			Bloomington, MN 55420	
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 11001 CM Crane Options
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5600 lbs @ 12 ft
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	5600 lbs @ 12 ft
	First Extension	3650 lbs @ 18 ft
	Second Extension	2750 lbs @ 26 ft 5 in
	Third Extension	NA
	Fourth Extension	NA
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2820-3075 lbs
	Total vertical reach	13M
	Horizontal hook approach from centerline of rotation	39.96"
	Vertical hook approach from mounting surface	99.92"
	Total horizontal reach	39'6"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	83.07"
	Crane mounting space requirement	2'3"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	390° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	9400 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	4640 PSI 11.9 to 15.9 GPM
	Hydraulic oil reservoir size/description	17.2 Gal
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	Tubular Steel designed to 4,640 psi
	Crane rating	12570 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2510 Lbs
	Crane Stowed Center of Gravity	Horiz = 11.67" Vert = 26.99"
	Warranty	1 year
	BASE UNIT PRICE:	\$35,855.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK11.001 CM**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 35,855.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	B 3 section hydraulic boom extension from 26' 3" to 33' 6". PK 11001CM		\$2,724.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED wrap-around lights on each stabilizer cylinder.		\$ 496.00	\$ -
3.2	Manually tiltable stabilizers Stowable in 60° and 180° positions.ILO Std		\$ 930.00	\$ -
3.3	200mm (7.87") extended stabilizer plates (STT).		\$ 251.00	\$ -
3.4	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.5	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.6	Composite Stabilizer Pad		\$ 85.00	\$ -
3.7	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.8	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
4.0	REMOTE CONTROLS			
4.1	Nordhydraulic RS 220 control valve, Scanreco P2 with Paltronic 50		\$ -	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	6-Bolt mounting hardware kit. ** Standard **		\$ -	\$ -
6.2	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$ 166.00	\$ -
6.3	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 572.00	\$ -
6.4	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.5	37 Gal hyd tank		\$ 943.00	\$ -
6.6	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.7	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.8	A4 Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11001CMA		\$ 3,281.00	\$ -
6.9	B4 Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11001CMB		\$ 3,602.00	\$ -
6.10	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.11	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,563.00	\$ -
6.12	Two-part-line Component kit.		\$ 628.00	\$ -
6.13	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.14	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 789.00	\$ -
6.15	Limit switches for outrigger beams and stabilizers.		\$ 894.00	\$ -
6.16	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -
6.17	Transport Position Check - Boom stowed above platform Limit switch at		\$ 342.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			0.00%	
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 11.001 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2750 Lbs @ 3.7M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2750Lbs @ 3.7M
	First Extension	1520 Lbs @ 5.9M
	Second Extension	1100 Lbs @ 7.8M (option)
	Third Extension	830 Lbs @ 9.8M (option)
	Fourth Extension	680 Lbs @ 11.9M (option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2510 Lbs
	Total vertical reach	13M
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	114.21
	Total horizontal reach	39'6"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	83.07"
	Crane mounting space requirement	32.28"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 degrees at 360 degrees working area
	Rotation system brake	NA
	Rotation system Drive	Rack and pinion
	Rotational torque in ft-lb's	9370 ft/lbs
	Outrigger description, width & design	10'10" to 84'4" out and down
	Outrigger hydraulic description (independent down, stroke length, etc.	Independent down 24"
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	7.9 to 11.9 GPM @ 4785 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mounted
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	Tubular steel designed to 4,785 psi
	Crane rating	74740 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2510 Lbs
	Crane Stowed Center of Gravity	Horiz 8.7" vert 22.67"
	Warranty	1 year
	BASE UNIT PRICE:	\$25,608.00

CRANES

Spec #	Description	Qty	Price	Subtotal
6.5	Load Holding Valve - Slewing		\$ 345.00	\$ -
6.6	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.7	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 583.00	\$ -
6.8	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.9	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,474.00	\$ -
6.10	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.11	Hydraulic oil cooler - Fitted to return line 8.5KW (Factory Install)		\$ 1,143.00	\$ -
6.12	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.13	Top seat controls Control valve mounted at top seat. Linear control		\$ 3,026.00	\$ -
6.14	Slewing Limitation Additional module on Paltronic 50 wired to the		\$ 222.00	\$ -
6.15	Slewing Angle Monitoring		\$ 392.00	\$ -
6.16	Soft Stop Slewing		\$ 392.00	\$ -
6.17	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software		\$ 378.00	\$ -
6.18	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11.001 SLD		\$ 2,432.00	\$ -
6.19	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11.001 SLD A		\$ 2,691.00	\$ -
6.20	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11.001 SLD B		\$ 3,003.00	\$ -
6.21	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 11.001 SLD C		\$3,357.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$95.00	\$ -
6.23	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$95.00	\$ -
6.24	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.25	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -
6.26	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,143.00	\$ -
6.27	Two-part-line Component kit.		\$ 628.00	\$ -
6.28	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.29	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 613.00	\$ -
6.30	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 859.00	\$ -
6.31	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 884.00	\$ -
6.32	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.33	Transport position check, outriggers and stablizers retracted		\$ 894.00	\$ -
6.34	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
		% Discount	0.00%	
		Price List Date and Number		
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 9.501 SLD5 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2550 Lbs @ 3.5M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2550 Lbs @ 3.5M
	First Extension	1360 Lbs @ 5.7M
	Second Extension	970 Lbs @ 7.6M (option)
	Third Extension	730 Lbs @ 9.6M (option)
	Fourth Extension	570 Lbs @ 11.7M (option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2380 Lbs
	Total vertical reach	13M
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	51'10"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	78.94"
	Crane mounting space requirement	32.20"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 Degrees 360 degrees working area
	Rotation system brake	NA
	Rotation system Drive	Rack and pinion
	Rotational torque in ft-lb's	7230 ft/lbs
	Outrigger description, width & design	10'6" to 18'4" out and down
	Outrigger hydraulic description (independent down, stroke length, etc.	Independent down
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	10.6 to 13.2 GPM @ 5220 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mounted
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	NA
	Crane rating	65050 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2380 Lbs
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	\$32,347.00

CRANES

Spec #	Description	Qty	Price	Subtotal
6.6	Load Holding Valve - Slewing (included)		\$ 345.00	\$ -
6.7	Slewing Angle Monitoring		\$ 392.00	\$ -
6.8	Soft Stop Slewing		\$ 392.00	\$ -
6.9	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.10	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.11	Control valve prepared for variable displacement (load sensing) pump.		\$ 369.00	\$ -
6.12	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 583.00	\$ -
6.13	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,171.00	\$ -
6.14	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,638.00	\$ -
6.15	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,794.00	\$ -
6.16	Hydraulic oil cooler - Fitted to return line (Factory Mounted)		\$ 1,836.00	\$ -
6.17	Hydraulic oil cooler - Fitted to return line		\$ 1,775.00	\$ -
6.18	8.0 Metric ton (17,640 lbs) load hook. In lieu of standard hook.		\$ 90.00	\$ -
6.19	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5		\$ 1,964.00	\$ -
6.20	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 A		\$ 2,120.00	\$ -
6.21	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 B		\$ 2,233.00	\$ -
6.22	Equipment for 1 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 C		\$ 2,474.00	\$ -
6.23	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5		\$ 3,031.00	\$ -
6.24	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 A		\$ 3,286.00	\$ -
6.25	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 B		\$ 3,598.00	\$ -
6.26	Equipment for 2 addl hyd func, incl controls, hoses and pipes for PK 9501 SLD 5 C		\$ 3,980.00	\$ -
6.27	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.28	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.29	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.30	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -
6.31	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,563.00	\$ -
6.32	Two-part-line Component kit.		\$ 628.00	\$ -
6.33	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.34	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 613.00	\$ -
6.35	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 859.00	\$ -
6.36	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 884.00	\$ -
6.37	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.38	Transport position check, outriggers and stablizers retracted		\$ 894.00	\$ -
6.39	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			0.00%	
			Price List Date and Number	
9.0	DELIVERY CHARGES			
			Bloomington, MN 55420	
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 8.501 SLD3 Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2300 LBS @ 3.5M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2300 Lbs @ 3.5M
	First Extension	1400Lbs @ 5.5M
	Second Extension	860 Lbs @ 7.6M (option)
	Third Extension	640 Lbs @ 9.6M (option)-
	Fourth Extension	500 Lbs @ 11.7M (option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2320 Lbs
	Total vertical reach	51'10"
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	99.69"
	Total horizontal reach	51'10"
	Below chassis frame reach	3"
	Boom stowed height from mounting surface	78.94"
	Crane mounting space requirement	NA

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 degrees 360 degees working area
	Rotation system brake	NA
	Rotation system Drive	Rotation bearing
	Rotational torque in ft-lb's	7230 ft/lbs
	Outrigger description, width & design	10'6" to 18'4"
	Outrigger hydraulic description (independent down, stroke length, etc.	Indenpent down 24"
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	6.6 to 9.2 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mounted
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	Tubular steel designed to 4,640 psi
	Crane rating	56440 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2320 Lbs
	Crane Stowed Center of Gravity	Horiz = 11.81 Vert = 20.16
	Warranty	1 year
	BASE UNIT PRICE:	\$22,045.00

CRANES

Spec #	Description	Qty	Price	Subtotal
6.5	Load Holding Valve - Slewing		\$ 345.00	\$ -
6.6	Slewing Angle Monitoring		\$ 392.00	\$ -
6.7	Soft Stop Slewing		\$ 392.00	\$ -
6.9	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.10	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.11	Crane base mounted oil tank. 17.2 US gal.(65 l). Includes return filter,		\$ 583.00	\$ -
6.12	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.13	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.14	Oil tank, capacity 52.8US gal.(200 l) - loose.		\$ 1,958.00	\$ -
6.15	Hydraulic oil cooler - Fitted to return line (Factory Mounted)		\$ 1,267.00	\$ -
6.16	Hydraulic oil cooler - Fitted to return line		\$ 1,900.00	\$ -
6.17	HYD OIL COOLER		\$ 633.00	\$ -
6.17	8.0 Metric ton (17,640 lbs) load hook. In lieu of standard hook.		\$ 90.00	\$ -
6.18	Top seat controls		\$ 2,432.00	\$ -
6.19	Engine Start/Stop and RPM +/- at the top seat. For H-KLO		\$ 595.00	\$ -
6.20	4 () Equipment for 2 addl hyd func, incl controls, hoses and pipes		\$ 2,432.00	\$ -
6.21	A4 Equipment for 2 addl hyd func, incl controls, hoses and pipes		\$ 2,691.00	\$ -
6.22	B4 Equipment for 2 addl hyd func, incl controls, hoses and pipes		\$ 3,003.00	\$ -
6.23	C4 Equipment for 2 addl hyd func, incl controls, hoses and pipes		\$ 3,357.00	\$ -
6.24	Port relief valve for additional hydraulic function, fitted in control valve (Grab)		\$ 95.00	\$ -
6.25	Port relief valve for additional hydraulic function, fitted in control valve (Rotator)		\$ 95.00	\$ -
6.26	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.27	Quick release coupling at end of 2-function hose kit on crane.		\$ 1,369.00	\$ -
6.28	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,143.00	\$ -
6.29	Two-part-line Component kit.		\$ 628.00	\$ -
6.30	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.31	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 613.00	\$ -
6.32	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 859.00	\$ -
6.33	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.34	Limit switches for outrigger beams and stabilizers.		\$ 894.00	\$ -
6.35	Transport Position Check - Outriggers Retracted		\$ 710.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 8.501 CM Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2300 LBS @ 3.5M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2300 Lbs @ 3.5M
	First Extension	1400Lbs @ 5.5M
	Second Extension	860 Lbs @ 7.6M (option)
	Third Extension	640 Lbs @ 9.6M (option)-
	Fourth Extension	NA
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	2320 Lbs
	Total vertical reach	38'10"
	Horizontal hook approach from centerline of rotation	39.37"
	Vertical hook approach from mounting surface	99.69"
	Total horizontal reach	31'10"
	Below chassis frame reach	3"
	Boom stowed height from mounting surface	78.94"
	Crane mounting space requirement	NA

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 degrees 360 degees working area
	Rotation system brake	NA
	Rotation system Drive	Rotation bearing
	Rotational torque in ft-lb's	7230 ft/lbs
	Outrigger description, width & design	10'6" to 18'4"
	Outrigger hydraulic description (independent down, stroke length, etc.	Indenpent down 24"
	Outrigger pad size & type	12" shoe
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	6.6 to 9.2 GPM @ 5075 PSI
	Hydraulic oil reservoir size/description	See options
	Is Hydraulic reservoir heated	See options
	Hydraulic fluid type	DTE 13
	Control locations & Description	Side mounted
	Control valve type	Hydraulic
	Wireless remote included	Yes
	Number of wireless remote functions	Various
	Boom Cylinder description	Tubular steel designed to 4,640 psi
	Crane rating	56440 ft/lbs
	Country of origin for crane	Austria
	Crane Overall Weight	2320 Lbs
	Crane Stowed Center of Gravity	Horiz = 11.81 Vert = 20.16
	Warranty	1 year
	BASE UNIT PRICE:	\$30,004.00

CRANES

VENDOR:

Aspen Equipment Co

MAKE/MOD

Palfinger Model PK8.501 CM

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 30,004.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
	Use this section to offer crane extension options. Both manual & hydraulic. List extended lengths as well as lift capacity. Number items starting with 2.1, 2.2, etc. Use as many numbers as needed.			
2.1	A 2 section hydraulic boom extension from 19' 0" to 25' 7". PK 8501 CM		\$1,997.00	\$ -
2.2	B 3 section hydraulic boom extension from 24' 11" to 31' 10". PK 8501 CM		\$3,989.00	\$ -
2.3				\$ -
3.0	OUTRIGGER OPTIONS			
	Use this section to offer outrigger options, such as 360 deg. outrigger, independent out valving , slip over pads, pad holders, etc. Number item starting with 3.1, 3.2 etc. Use as many numbers as needed.			
3.1	LED wrap-around lights on each stabilizer cylinder.		\$ 591.00	\$ -
3.2	Manually tiltable stabilizers. Stowable in 60° and 180° positions. ILO Std		\$ 930.00	\$ -
3.3	200mm (7.87") extended stabilizer plates		\$ 251.00	\$ -
3.4	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.5	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.6	Composite Stabilizer Pad		\$ 85.00	\$ -
3.7	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.8	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 104.00	\$ -
4.0	REMOTE CONTROLS			
	Use this section to offer remote controls. Number items starting with 4.1, 4.2, etc. Use as many numbers as needed.			
4.1	SCANRECO Radio Remote Control Scanreco P2 with Paltronic 50 display on		\$ -	\$ -
4.2				\$ -
5.0	ATTACHMENTS			
	Use this section to offer attachments such as Augers, Clams & Grapples. Number items starting with 5.1,5.2, etc. Use as many numbers as needed.			
5.1	See universal options			\$ -
5.2				\$ -
6.0	OTHER OPTIONS			
	Use this section for all other options, such as auxiliary power (hydraulic), winch/cable, auger, basket, swivel hook, shive, block, oil heater, arctic climate hydraulic oil, piggyback pumps, hotshift PTO, etc. Number items starting with 5.1, 5.2, etc. Use as many numbers as needed.			
6.1	4-Bolt mounting hardware kit. In lieu of standard 8 bolt kit.		\$506.00	\$ -
6.2	4-Bolt COATED mounting hardware kit. In lieu of standard 8 bolt kit.		\$672.00	\$ -
6.3	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$572.00	\$ -
6.4	Protective guard for Outer Boom Cylinder		\$ 331.00	\$ -
6.5	37 Gal hyd tank ILO std.		\$ 732.00	\$ -
6.6	Hydraulic oil cooler - Fitted to return line 8.5KW		\$ 1,900.00	\$ -
6.7	PALDIAG.NET CMI (Customer Machine Interface) end customer hardware and software kit		\$ 378.00	\$ -
6.9	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 8501 STD		\$ 2,960.00	\$ -
6.10	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 8501A		\$ 3,281.00	\$ -
6.11	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 8501B		\$ 3,602.00	\$ -
6.12	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.13	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,563.00	\$ -
6.14	Two-part-line Component kit.		\$ 628.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.15	150W Halogen light w/ protective grating. On/off switch, RRC switch if appl.		\$ 506.00	\$ -
6.16	3000 Lumen LED light w/ protective grating. On/off switch, RRC switch if appl.		\$ 789.00	\$ -
6.17	Limit switches for outrigger beams and stabilizers.		\$ 894.00	\$ -
6.18	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -
6.19				\$ -
	Use this section for charges for various modifications to cab & chassis, exhaust, etc. to allow for the crane to fit. Number item starting with 7.1, 7.2, etc. Use as many numbers as needed.			
7.1	NA			\$ -
7.2				\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 7.001 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	1740 Lbs @ 3.6M
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	1740 Lbs @ 3.5M
	First Extension	1080 Lbs @ 5.4M
	Second Extension	800 Lbs @ 7.2M(option)
	Third Extension	760 Lbs @ 7.4M (option)
	Fourth Extension	590 Lbs @ 9.3M (option)
	Fifth Extension	480 Lbs@11.1M (option)
	Sixth Extension	1720 Lbs
	Seventh Extension	11.6M
	Crane weight	NA
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	41'12"
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	75.95"
	Below chassis frame reach	30.12"
	Boom stowed height from mounting surface	3"
	Crane mounting space requirement	3"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	400 degrees 360 degree working area
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	Rack and pinion
	Rotation system brake	5750 ft/lbs
	Rotation system Drive	9'10" to 16'3" out and down
	Rotational torque in ft-lb's	Indenpent down 24"
	Outrigger description, width & design	12" shoe
	Outrigger hydraulic description (independent down, stroke length, etc.	See options
	Outrigger pad size & type	7.9-10.6 GPM @ 5220 PSI
	Throttle control, if any	See options
	Hydraulic pump type, GPM, PSI	See options
	Hydraulic oil reservoir size/description	Std
	Is Hydraulic reservoir heated	Side mounted
	Hydraulic fluid type	Hydraulic
	Control locations & Description	See options
	Control valve type	Varies
	Wireless remote included	NA
	Number of wireless remote functions	49340 ft/lbs
	Boom Cylinder description	Austria
	Crane rating	1 Year
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	19,751.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK7.001 SLD**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 19,571.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension to 24' 3" (7.4m)		\$1,908.00	\$ -
2.2	3 section hydraulic boom extension to 30' 6" (9.3m)		\$3,805.00	\$ -
2.3	1 manual boom extension to 37' (11.3m)		\$996.00	\$ -
2.4	2 manual boom extensions to 42' (12.9m)		\$1,770.00	\$ -
2.5	4 section hydraulic boom extension to 36' 9" (11.2m)		\$4,891.00	\$ -
2.5	1 manual boom extension to 42' (12.8m)		\$901.00	\$ -
2.7	Continuing Cylinder, Through ported inlast extension to allow future boom cyls		\$222.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED marker lamps on stabilizer legs.		\$ 463.00	\$ -
3.2	Hydraulically extendable telescopic outriggers with a spread of 16' 2" ILO Std		\$ 2,347.00	\$ -
3.3	Manually tiltable stabilizers. Stowable in 60 degree position. ILO Std		\$ 817.00	\$ -
3.4	Extended length increased from 37.6" to 49.4" (when specified in crane order)		\$ 270.00	\$ -
3.5	200mm (7.87") extended stabilizer plates		\$ 246.00	\$ -
3.6	One PVC stabilizer shoe. 15 3/4" diameter. Slides onto stabilizer plate, with rope handle.		\$ 142.00	\$ -
3.7	Holds one EZ2261-400 shoe, weld or bolt on.		\$ 57.00	\$ -
3.8	One composite stabilizer pad. 15 3/4" square. Slides under stabilizer plate, with rope handle.		\$ 85.00	\$ -
3.9	Holds one EZ2189-400 pad. Galvanized and lockable.		\$ 85.00	\$ -
3.10	Holds two EZ2189-400 pads. Galvanized and lockable.		\$ 114.00	\$ -
3.11	HPSC High Performance Stability Control		\$ 5,954.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Nordhydraulic RS 220 control valve,		\$ -	\$ -
4.2	Sanreco Radio Remote Control With 4 section control valve		\$ 7,638.00	\$ -
4.3	Sanreco Radio Remote Control With 5 section control valve, SLD 3 only		\$ 8,087.00	\$ -
4.4	Sanreco Radio Remote Control With 6 section control valve		\$ 8,535.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	3-Bolt mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$506.00	\$ -
6.2	3-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$615.00	\$ -
6.3	6-Bolt mounting hardware kit. ** Standard **		\$0.00	\$ -
6.4	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$ 166.00	\$ -
6.5	Slewing Limit Add to Paltronic 50 to allow cap. limit based on position of rotation		\$ 222.00	\$ -
6.7	Slewing Angle Monitoring		\$ 392.00	\$ -
6.8	Soft Stop Slewing		\$ 392.00	\$ -
6.09	PALDIAG.NET CMI (Customer Machine Interface)		\$ 345.00	\$ -
6.10	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.11	Crane base mounted oil tank. 13.2 US gal.(50 l). Includes return filter,		\$ 512.00	\$ -
6.12	Oil tank, capacity 19.8 US gal.(75 l) - loose.		\$ 1,462.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.13	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.15	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.15	Hydraulic oil cooler - Fitted to return line (Factory Mounted)		\$ 1,267.00	\$ -
6.16	Hydraulic oil cooler - Fitted to return line		\$ 1,900.00	\$ -
6.17	4 () Equipment for two additional hydraulic functions including control levers and hydraulic lines		\$ 2,432.00	\$ -
6.18	A4 Equipment for two additional hydraulic functions including control levers and hydraulic lines		\$ 2,691.00	\$ -
6.19	B4 Equipment for two additional hydraulic functions including control levers and hydraulic lines		\$ 3,003.00	\$ -
6.20	C4 Equipment for two additional hydraulic functions including control levers and hydraulic lines		\$ 3,357.00	\$ -
6.21	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.22	Port relief valve for additional hydraulic function, fitted in control valve		\$ 95.00	\$ -
6.23	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.24	Multifaster Quick Release Manifold - Crane		\$ 1,369.00	\$ -
6.25	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$7,143.00	\$ -
6.26	Two-part-line Component kit.		\$ 628.00	\$ -
6.27	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.28	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 613.00	\$ -
6.29	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 859.00	\$ -
6.30	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.31	Transport Position Check - Outriggers and Stabilizers Retracted		\$ 679.00	\$ -
6.32	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -
6.33	Custom color of crane base, column and main boom		\$ 1,945.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 5.501 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	7,300 LBS @
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	1500 Lbs @ 3.4M
	First Extension	890 Lbs @ 5.2M
	Second Extension	820 Lbs @ 5.3M
	Third Extension	670 Lbs @ 7.1M (option)
	Fourth Extension	420 Lbs @ 9.1M (option)
	Fifth Extension	340 lbs @ 11.0M (option)
	Sixth Extension	NA
	Seventh Extension	Na
	Crane weight	NA
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	12.7M
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	36'5"
	Below chassis frame reach	40"
	Boom stowed height from mounting surface	3"
	Crane mounting space requirement	3"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	400 degerees 360 degrees working area
	Rotation system brake	Hydraulic
	Rotation system Drive	4,350 Ft Lbs
	Rotational torque in ft-lb's	Rack and pinion
	Outrigger description, width & design	12" shoe
	Outrigger hydraulic description (independent down, stroke length, etc.	8' to 16'10" out and down
	Outrigger pad size & type	Various see options
	Throttle control, if any	Various
	Hydraulic pump type, GPM, PSI	4-6 GPM @ 4785 PSI
	Hydraulic oil reservoir size/description	13.2 gallons
	Is Hydraulic reservoir heated	Side mounted
	Hydraulic fluid type	Hydraulic DTE 13
	Control locations & Description	Optional
	Control valve type	Spool
	Wireless remote included	Yes
	Number of wireless remote functions	4 std 6 optional
	Boom Cylinder description	NA
	Crane rating	1 Year
	Country of origin for crane	Austria
	Crane Overall Weight	1530 Lbs
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	27,596.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK5.501** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 27,596.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension from 17' 5" to 23' 7" PK 4501		\$1,601.00	\$ -
2.2	3 section hydraulic boom extension from 17' 5" to 30' 2" PK 4501		\$3,177.00	\$ -
2.3	1 manual boom extension from 30' 2" to 36' 9" PK 4501		\$996.00	\$ -
2.4	2 manual boom extensions from 30' 2" to 41' 8" PK 4501		\$1,770.00	\$ -
2.5	4 section hydraulic boom extension from 17' 5" to 36' 5" PK 4501		\$4,603.00	\$ -
2.6	1 manual boom extension from 36' 5" to 41' 8" PK 4501		\$901.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED marker lamps on stabilizer legs		\$ 463.00	\$ -
3.2	Hydraulically extendable telescopic outriggers with a spread of 16' 2" ILO Std		\$ 2,347.00	\$ -
3.3	Manually tilttable stabilizers (STZY3). Stowable in 60 degree position.		\$ 817.00	\$ -
3.4	Extended length increased from 37.6" to 49.4" (when specified in crane order)		\$ 270.00	\$ -
3.5	200mm (7.87") extended stabilizer plates		\$ 246.00	\$ -
3.6	PVC Shoe		\$ 142.00	\$ -
3.7	PVC Shoe Storage Bracket		\$ 57.00	\$ -
3.8	Composite Stabilizer Pad		\$ 85.00	\$ -
3.9	Composite Stabilizer Pad Storage Bracket		\$ 85.00	\$ -
3.10	Composite Stabilizer Pad Storage Bracket		\$ 114.00	\$ -
3.11	HPSC High Performance Stability Control		\$ 5,954.00	\$ -
3.12	HPSC-Plus module LOAD		\$ 831.00	\$ -
3.13	Ballast Weight Module		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Nordhydraulic RS 220 control valve,		\$ -	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	3-Bolt mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$506.00	\$ -
6.2	3-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$615.00	\$ -
6.3	6-Bolt mounting hardware kit. ** Standard **		\$0.00	\$ -
6.4	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing		\$ 369.00	\$ -
6.7	Protective guard for outer boom cylinder.		\$ 331.00	\$ -
6.8	Crane base mounted oil tank. 13.2 US gal.(50 l). Includes return filter, breather and		\$ 388.00	\$ -
6.09	Oil tank, capacity 19.8 US gal.(75 l) - loose.		\$ 1,462.00	\$ -
6.10	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.11	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.12	Hydraulic oil cooler - Factory Mounted on base with Protective Cover		\$ 1,267.00	\$ -
6.13	Hydraulic oil cooler - Fitted to return line		\$ 1,900.00	\$ -
6.15	Slewing Angle Monitoring		\$ 392.00	\$ -
6.15	SHB01 Slewing Limitation		\$ 222.00	\$ -
6.16	Soft Stop Slewing		\$ 392.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.17	PALDIAGKITCRN16.1 (customer interface modual)		\$ 378.00	\$ -
6.18	Equipment for 1 addl hyd functions, incl controls, hoses and pipes		\$ 1,964.00	\$ -
6.19	Equipment for 1 addl hyd functions, incl controls, hoses and pipes		\$ 2,120.00	\$ -
6.20	Equipment for 1 addl hyd functions, incl controls, hoses and pipes for		\$ 2,233.00	\$ -
6.21	Equipment for 1 addl hyd functions, incl controls, hoses and pipes for		\$ 2,474.00	\$ -
6.22	Equipment for 2 addl hyd functions, incl controls, hoses and pipes		\$ 3,031.00	\$ -
6.23	Equipment for 2 addl hyd functions, incl controls, hoses and pipes		\$ 3,286.00	\$ -
6.24	Equipment for 2 addl hyd functions, incl controls, hoses and pipes		\$ 3,598.00	\$ -
6.25	Equipment for 2 addl hyd functions, incl controls, hoses and pipes		\$3,980.00	\$ -
6.26	Port relief valve for additional hydraulic Grab function, fitted in control valve		\$ 95.00	\$ -
6.27	Port relief valve for additional hydraulic Rotator function, fitted in control valve		\$ 95.00	\$ -
6.28	Preparation for the future installation of additional hose equipment		\$ 1,407.00	\$ -
6.29	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -
6.30	1.3 ton PALFINGER Piston Motor Winch. Hydraulic winch with 1.3 Metric		\$ 7,563.00	\$ -
6.31	Two-part-line Component kit.		\$ 628.00	\$ -
6.32	Preparation for the future installation of Winch		\$ 2,044.00	\$ -
6.33	150W Halogen light w/ protective grating. On/off switch, one (1) only per crane		\$ 613.00	\$ -
6.34	3000 Lumen LED light w/ protective grating. On/off switch, one (1) only per crane		\$ 859.00	\$ -
6.35	Limit switch at crane column/main boom for the boom in transport pos. check		\$ 828.00	\$ -
6.36	Limit switches for outrigger beams and stabilizers.		\$ 710.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			% Discount	0.00%
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1			EQUIPMENT INSPECTION AND REPAIR	\$127.00 \$ -
10.2			INITIAL INSPECTION/DIAGNOSTIC	\$127.00 \$ -
10.3			MECHANICAL REPAIRS	\$127.00 \$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 5.001 SLD Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	3300 BS @ 5'
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	1360 Lbs @ 3.6M
	First Extension	890 Lbs @ 5.4M
	Second Extension	820 Lbs @ 5.3M (option)
	Third Extension	480 Lbs @ 7.3M (option)
	Fourth Extension	360 Lbs @ 9.1M (option)
	Fifth Extension	290 lbs @ 11.0M (option)
	Sixth Extension	1600 Lbs
	Seventh Extension	11.5M
	Crane weight	NA
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	12.7M
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	74.21"
	Below chassis frame reach	30"
	Boom stowed height from mounting surface	3"
	Crane mounting space requirement	3"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	400 degerees 360 degrees working area
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	Rotation bearing
	Rotation system brake	4350 ft/lbs
	Rotation system Drive	9'6" to 16'3" out and down
	Rotational torque in ft-lb's	Rack and pinion
	Outrigger description, width & design	12" shoe
	Outrigger hydraulic description (independent down, stroke length, etc.	Various
	Outrigger pad size & type	4-6 GPM @ 4785 PSI
	Throttle control, if any	Various
	Hydraulic pump type, GPM, PSI	See options
	Hydraulic oil reservoir size/description	Std
	Is Hydraulic reservoir heated	Side mounted
	Hydraulic fluid type	Hydraulic
	Control locations & Description	Optional
	Control valve type	Various
	Wireless remote included	NA
	Number of wireless remote functions	33190 ft /lbs
	Boom Cylinder description	Austria
	Crane rating	1 Year
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	17,163.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK 5.001** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 17,163.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension to 23' 7" (7.2m)		\$1,601.00	\$ -
2.2	3 section hydraulic boom extension to 30' 2" (9.2m)		\$3,177.00	\$ -
2.3	1 manual boom extension to 37' (11.2m)		\$996.00	\$ -
2.4	2 manual boom extensions to 42' (12.7m)		\$1,770.00	\$ -
2.5	4 section hydraulic boom extension to 36' 5" (11.1m)		\$4,603.00	\$ -
2.5	1 manual boom extension to 42' (12.7m)		\$901.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	LED marker lamps on stabilizer legs		\$ 463.00	\$ -
3.2	Hydraulically extendable telescopic outriggers with a spread of 16' 2" ILO Std		\$ 2,347.00	\$ -
3.3	Manually tilttable stabilizers (STZY3). Stowable in 60 degree position.		\$ 817.00	\$ -
3.4	Extended length increased from 37.6" to 49.4" (when specified in crane order)		\$ 270.00	\$ -
3.5	200mm (7.87") extended stabilizer plates		\$ 246.00	\$ -
3.6	PVC Shoe		\$ 142.00	\$ -
3.7	PVC Shoe Storage Bracket		\$ 57.00	\$ -
3.8	Composite Stabilizer Pad		\$ 85.00	\$ -
3.9	Composite Stabilizer Pad Storage Bracket		\$ 85.00	\$ -
3.10	Composite Stabilizer Pad Storage Bracket		\$ 114.00	\$ -
3.11	HPSC High Performance Stability Control		\$ 5,954.00	\$ -
3.12	Ballast Weight Module		\$ 392.00	\$ -
4.0	REMOTE CONTROLS			
4.1	SCANRECO Radio Remote Control Nordhydraulic RS 220 control valve,		\$ -	\$ -
4.2	SCANRECO Radio Remote Control With 4 section control valve		\$ 7,638.00	\$ -
4.1	SCANRECO Radio Remote Control With 5 section control valve		\$ 8,087.00	\$ -
4.2	SCANRECO Radio Remote Control With 6 section control valve		\$ 8,535.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	3-Bolt mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$506.00	\$ -
6.2	3-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit. Use with subframe mounts		\$615.00	\$ -
6.3	6-Bolt mounting hardware kit. ** Standard **		\$0.00	\$ -
6.4	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$ 166.00	\$ -
6.5	Load Holding Valve - Slewing		\$345.00	\$ -
6.7	Protective guard for outer boom cylinder.		\$331.00	\$ -
6.8	Crane base mounted oil tank. 13.2 US gal.(50 l). Includes return filter, breather and		\$388.00	\$ -
6.09	Oil tank, capacity 19.8 US gal.(75 l) - loose.		\$ 1,462.00	\$ -
6.10	Oil tank, capacity 26.4 US gal.(100 l) - loose.		\$ 1,591.00	\$ -
6.11	Oil tank, capacity 37 US gal.(140 l) - loose.		\$ 1,747.00	\$ -
6.12	Hydraulic oil cooler - Factory Mounted on base with Protective Cover		\$ 1,267.00	\$ -
6.13	Hydraulic oil cooler - Fitted to return line		\$ 1,900.00	\$ -
6.15	HYD OIL COOLER		\$ 633.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.15	Slewing Angle Monitoring		\$ 392.00	\$ -
6.16	SHB01 Slewing Limitation		\$ 222.00	\$ -
6.17	Soft Stop Slewing		\$ 392.00	\$ -
6.18	PALDIAGKITCRN16.1 (customer interface modual)		\$ 378.00	\$ -
6.19	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4501		\$2,432.00	\$ -
6.20	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4501A		\$2,691.00	\$ -
6.21	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4501B		\$3,003.00	\$ -
6.22	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4501C		\$ 3,357.00	\$ -
6.23	Port relief valve for additional hydraulic Grab function, fitted in control valve		\$95.00	\$ -
6.24	Port relief valve for additional hydraulic Rotator function, fitted in control valve		\$95.00	\$ -
6.25	Preparation for the future installation of additional hose equipment		\$1,407.00	\$ -
6.26	Quick release coupling at end of 2-function hose kit on crane		\$ 1,369.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			% Discount	0.00%
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1			EQUIPMENT INSPECTION AND REPAIR	\$127.00 \$ -
10.2			INITIAL INSPECTION/DIAGNOSTIC	\$127.00 \$ -
10.3			MECHANICAL REPAIRS	\$127.00 \$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 4200 Compact Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	920 kg @ 3.3 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	990 kg @ 3.3 m
	First Extension	820 kg @ 4.8 m
	Second Extension	550 kg @ 6.4 m (Option)
	Third Extension	440 kg @ 8.0 m (Option)
	Fourth Extension	350 kg @ 9.6 m (Option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	1201-1409 lbs
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	32'2"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	5'5"
	Crane mounting space requirement	1'9"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	NA
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	370° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	2890 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	3,625 PSI 4 GPM
	Hydraulic oil reservoir size/description	6.6 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	NO (Option)
	Number of wireless remote functions	NA
	Boom Cylinder description	NA
	Crane rating	2180 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	15,925.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **Palfinger Model PK4200**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 15,925.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension from 16' 1" to 21' 4". PK 4200		\$614.00	\$ -
2.2	1 manual boom extension from 21' 4" to 26' 7". PK 4200		\$396.00	\$ -
2.3	2 manual boom extension from 21' 4" to 32' 2". PK 4200		\$623.00	\$ -
2.4	3 section hydraulic boom extension from 16' 1" to 26' 7". PK 4200		\$1,124.00	\$ -
2.5	1 manual boom extension from 26' 7" to 32' 2". PK 4200		\$377.00	\$ -
2.5	4 section hydraulic boom extension from 21' 4" to 32' 2". PK 4200		\$2,181.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Manually tiltable stabilizers. Stowable in 60° position. (+ 6.69"L) ILO Std		\$ 454.00	\$ -
3.2	100mm (3.94") extended stabilizer plates.		\$ 147.00	\$ -
3.3	200mm (3.94") extended stabilizer plates.		\$ 166.00	\$ -
4.0	REMOTE CONTROLS			
4.1	Scanreco/Dinoil Radio Remote Control System Compact P4 remote with 4		\$ 6,392.00	\$ -
4.2				\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
5.2				\$ -
6.0	OTHER OPTIONS			
6.1	6-Bolt mounting hardware kit. ** Standard **		\$0.00	\$ -
6.2	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$168.00	\$ -
6.3	High pressure filter (EA1391A) w/ element, fittings, and hardware		\$288.00	\$ -
6.4	19.8 GAL Hydraulic oil tank with return filter. In lieu of standard 25L Tank		\$ 527.00	\$ -
6.5	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4200A		\$1,473.00	\$ -
6.6	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 4200B		\$1,653.00	\$ -
6.7	Port relief valve for additional hydraulic function, fitted in control valve		\$95.00	\$ -
6.6	0.8 ton PALFINGER Piston Motor Winch Hydraulic winch with 0.8 Metric		\$ 5,878.00	\$ -
6.9	Analog hour counter located on winch.			\$ -
7.0	CUSTOM WORK			
7.1	NA			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PK 3400 Compact Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	920 kg @ 3.3 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	920 kg @ 3.3 m
	First Extension	640 kg @ 4.8 m
	Second Extension	430 kg @ 6.4 m (Option)
	Third Extension	330 kg @ 8.0 m (Option)
	Fourth Extension	260 kg @ 9.6 m (Option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	990
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	32'2"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	5'5"
	Crane mounting space requirement	1'9"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	NA
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	370° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	2893 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	3,625 PSI 4 GPM
	Hydraulic oil reservoir size/description	6.6 Gal
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	NO (Option)
	Number of wireless remote functions	NA
	Boom Cylinder description	NA
	Crane rating	2180 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	14,181.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD _____ **Palfinger Model PK3400** _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 14,181.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	2 section hydraulic boom extension from 16' 1" to 21' 4". PK 3400		\$ 614.00	\$ -
2.2	1 manual boom extension from 21' 4" to 26' 7". PK 3400		\$ 396.00	\$ -
2.3	2 manual boom extension from 21' 4" to 32' 2". PK 3400		\$ 623.00	\$ -
2.4	3 section hydraulic boom extension from 16' 1" to 26' 7". PK 3400		\$ 1,124.00	\$ -
2.5	1 manual boom extension from 26' 7" to 32' 2". PK 3400		\$ 377.00	\$ -
2.5	4 section hydraulic boom extension from 21' 4" to 32' 2". PK 3400		\$ 218.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	Manually tiltable stabilizers. Stowable in 60° position. (+ 6.69"L) ILO Std		\$ 454.00	\$ -
4.0	REMOTE CONTROLS			
4.1	Scanreco/Dinoil Radio Remote Control System Compact P4 remote with 4		\$ 6,392.00	\$ -
4.2				\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	6-Bolt mounting hardware kit. ** Standard **			\$ -
6.2	6-Bolt COATED mounting hardware kit. In lieu of standard 6 bolt kit.		\$168.00	\$ -
6.3	High pressure filter (EA1391A) w/ element, fittings, and hardware		\$288.00	\$ -
6.4	19.8 GAL Hydraulic oil tank with return filter. In lieu of standard 25L Tank		\$ 527.00	\$ -
6.5	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 3400A		\$1,473.00	\$ -
6.6	Equipment for 2 addl hyd functions, incl controls, hoses and pipes for PK 3400B		\$1,653.00	\$ -
6.7	Port relief valve for additional hydraulic function, fitted in control valve		\$95.00	\$ -
6.2	0.8 ton PALFINGER Piston Motor Winch Hydraulic winch with 0.8 Metric		\$ 5,915.00	\$ -
6.3	Analog hour counter located on winch.		\$ 231.00	\$ -
7.0	CUSTOM WORK			
7.1	NA			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			% Discount	0.00%
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1			EQUIPMENT INSPECTION AND REPAIR	\$127.00 \$ -
10.2			INITIAL INSPECTION/DIAGNOSTIC	\$127.00 \$ -
10.3			MECHANICAL REPAIRS	\$127.00 \$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PC 3800 Compact Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	2000 kg @ 1.4 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	2000 kg @ 1.4 m
	First Extension	1420 kg @ 2.6 m
	Second Extension	980 kg @ 3.7 m
	Third Extension	720 kg @ 5.0 (Option)
	Fourth Extension	580 kg @ 6.0 m (Option)
	Fifth Extension	80 kg @ 7.1 m (Option)
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	525-578 lbs
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	23'4"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	5'4"
	Crane mounting space requirement	1'6"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	NA
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	325° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	2730 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	2,900 PSI 3.2 GPM
	Hydraulic oil reservoir size/description	5.3 Gal (Optional)
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	NO (Option)
	Number of wireless remote functions	NA
	Boom Cylinder description	NA
	Crane rating	4400 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	12,574.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **PALFINGER PC 3800 Compact Crane**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 12,574.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	Manual boom extension from 12' 2" to 16' 5". PC 3800		\$ 439.00	\$ -
2.2	2 Manual boom extensions from 16' 5" to 19' 8" PC 3800		\$ 750.00	\$ -
2.3	3 section hydraulic extension boom from 12' 2" to 16' 5". PC 3800		\$ 1,063.00	\$ -
2.4	Manual boom extension from 16' 5" to 19' 8" PC 3800		\$ 439.00	\$ -
2.5	2 Manual boom extension from 19' 8" to 23' 4" PC 3800		\$ 750.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	See universal options			\$ -
4.0	REMOTE CONTROLS			
4.1	Scanreco/Dinoil Radio Remote Control System Compact P4 remote with 4		\$ 3,097.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	4 HP Electric Hydraulic Power Pack including oil tank		\$ 1,743.00	\$ -
6.2	Power Cable and Switch Kit 19' 8" cable w/ HD switch (EEA9836)		\$ 369.00	\$ -
6.3	5.3 GAL Hydraulic oil tank with return filter		\$ 1,105.00	\$ -
6.4	High pressure filter (EA1391A) w/ element, fittings, and hardware		\$ 288.00	\$ -
6.6	0.8 ton PALFINGER Piston Motor Winch Hydraulic winch with 0.8 Metric		\$ 5,915.00	\$ -
6.7	Two-Part line component kit		\$ 628.00	\$ -
7.0	CUSTOM WORK			
7.1	NA			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
			% Discount	0.00%
			Price List Date and Number	
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
			Price per loaded mile	3 \$ -
10.0	Per Hour SHOP RATE)			
10.1			EQUIPMENT INSPECTION AND REPAIR	\$127.00 \$ -
10.2			INITIAL INSPECTION/DIAGNOSTIC	\$127.00 \$ -
10.3			MECHANICAL REPAIRS	\$127.00 \$ -
			Total Cost:	\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PC 2700 Compact Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	1780 kg @ 1.4 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	1780 kg @ 1.4 m
	First Extension	1000 kg @ 2.6m
	Second Extension	690 kg @ 3.7 m
	Third Extension	500 kg @ 5 m (Option)
	Fourth Extension	400 kg @ 6 m (Option)
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	456-503 lbs
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	19'8"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	5'4"
	Crane mounting space requirement	1'4"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	NA
	Distance from crane to front of body clearance	NA
	Crane rotation & rotation working area	325° rotation
	Rotation system brake	Hyd
	Rotation system Drive	Worm gear
	Rotational torque in ft-lb's	2170 ft/lbs
	Outrigger description, width & design	Various (See Options)
	Outrigger hydraulic description (independent down, stroke length, etc.	Various (See Options)
	Outrigger pad size & type	Various (See Options)
	Throttle control, if any	NA
	Hydraulic pump type, GPM, PSI	2,900 PSI 2.4 GPM
	Hydraulic oil reservoir size/description	5.3 Gal (Optional)
	Is Hydraulic reservoir heated	NO
	Hydraulic fluid type	Std
	Control locations & Description	Hyd located at crane base
	Control valve type	Hydraulic
	Wireless remote included	NO (Option)
	Number of wireless remote functions	NA
	Boom Cylinder description	NA
	Crane rating	4400 lbs
	Country of origin for crane	Austria
	Crane Overall Weight	1 Year
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	9,355.00

CRANES

VENDOR: **Aspen Equipment Co**

MAKE/MOD **PALFINGER PC 2700 Compact Crane**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 9,355.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	Manual boom extension from 12' 2" to 16' 5". PC 2700		\$ 439.00	\$ -
2.2	2 Manual boom extensions from 16' 5" to 19' 8" PC 2700		\$ 624.00	\$ -
2.2	3 section hydraulic extension boom from 12' 2" to 16' 5". PC 2700		\$ 1,011.00	\$ -
2.2	Manual boom extension from 16' 5" to 19' 8" PC 2700		\$ 312.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	See universal options			\$ -
4.0	REMOTE CONTROLS			
4.1	Scanreco/Dinoil Radio Remote Control System Compact P4 remote with 4		\$ 3,097.00	\$ -
5.0	ATTACHMENTS			
5.1	See universal options			\$ -
6.0	OTHER OPTIONS			
6.1	2 HP Electric Hydraulic Power Pack including oil tank		\$ 1,657.00	\$ -
6.2	Power Cable and Switch Kit 19' 8" cable w/ HD switch (EEA9836)		\$ 369.00	\$ -
6.3	5.3 GAL Hydraulic oil tank with return filter		\$ 1,086.00	\$ -
6.4	High pressure filter (EA1391A) w/ element, fittings, and hardware		\$ 288.00	\$ -
6.6	0.8 ton PALFINGER Piston Motor Winch Hydraulic winch with 0.8 Metric		\$ 5,915.00	\$ -
6.5	Two-Part line component kit		\$ 628.00	\$ -
7.0	CUSTOM WORK			
7.1	NA			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

Exhibit D: Price Schedule

Crane Installed on Cab & Chassis

Contract End Date March 2018

Price quote for:

Vendor Name: **Aspen Equipment Co**
 Contact Person: **Mark Lundeen**
 Street Address: **9150 Pillsbury avenue South**
 P.O. Box:
 City, State, Zip: **Bloomington, MN 55420**
 Phone #: **612-719-4414**
 Toll Free #: **800-888-7671**
 Fax #: **952-656-7159**
 Email Address: mlundeen@aspeneq.com

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	PALFINGER PC 1500 Compact Crane
	Required Frame RBM, SM & PSI of steel	NA
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	990 kg @ 1.2 m
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	990 kg @ 1.2 m
	First Extension	630 kg @ 2.1 m
	Second Extension	440 kg @ 3.1 m
	Third Extension	270 kg @ 4.2 m (Option)
	Fourth Extension	NA
	Fifth Extension	NA
	Sixth Extension	NA
	Seventh Extension	NA
	Crane weight	362 lbs
	Total vertical reach	NA
	Horizontal hook approach from centerline of rotation	NA
	Vertical hook approach from mounting surface	NA
	Total horizontal reach	13'9"
	Below chassis frame reach	NA
	Boom stowed height from mounting surface	NA
	Crane mounting space requirement	15.55"

CRANES

Spec #	Information Requested	Answer
	Distance from back of cab to crane clearance	3"
	Distance from crane to front of body clearance	3"
	Crane rotation & rotation working area	325 degrees
	Rotation system brake	NA
	Rotation system Drive	NA
	Rotational torque in ft-lb's	1480.0 ft_lbs
	Outrigger description, width & design	See options list
	Outrigger hydraulic description (independent down, stroke length, etc.	See options list
	Outrigger pad size & type	See options list
	Throttle control, if any	Dependant upon chassis
	Hydraulic pump type, GPM, PSI	2 HP Electric / hydraulic or 1.6 GPM at 2900 POSI
	Hydraulic oil reservoir size/description	5.3 US gal. (20 l) Hydraulic Oil Tank
	Is Hydraulic reservoir heated	No
	Hydraulic fluid type	DTE13
	Control locations & Description	Street side manual
	Control valve type	4 section spool control valve
	Wireless remote included	No
	Number of wireless remote functions	NA
	Boom Cylinder description	NA
	Crane rating	Max. lifting moment 1.4 mt (10,020 ft.lbs).
	Country of origin for crane	
	Crane Overall Weight	362 lbs
	Crane Stowed Center of Gravity	NA
	Warranty	1 year
	BASE UNIT PRICE:	\$8,165.00

CRANES

Aspen Equipment Co

VENDOR: _____

MAKE/MOD **PALFINGER PC 1500 Compact Crane**

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:		\$ 8,165.00	\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1	Manual boom extension from 10' 2" to 13' 9". PC 1500		\$ 303.00	\$ -
3.0	OUTRIGGER OPTIONS			
3.1	See universal options			\$ -
4.0	REMOTE CONTROLS			
4.1	NA			\$ -
5.0	ATTACHMENTS			
5.1	See universal Options			\$ -
6.0	OTHER OPTIONS			
6.1	2 HP Electric Hydraulic Power Pack including oil tank		\$ 1,621.00	\$ -
6.2	Power Cable and Switch Kit 19' 8" cable w/ HD switch (EEA9836)		\$ 357.00	\$ -
6.3	5.3 GAL Hydraulic oil tank with return filter		\$ 1,010.00	\$ -
6.4	High pressure filter (EA1391A) w/ element, fittings, and hardware		\$ 208.00	\$ -
7.0	CUSTOM WORK			
7.1	NA			\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3		\$ -
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:			\$ -

CRANES

VENDOR: Aspen Equipment Co

MAKE/MOD Palfinger PK PC Commom Options

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:			\$ -
2.0	CRANE EXTENSION OPTIONS NA			
3.0	OUTRIGGER OPTIONS			
3.1	Hydraulic outrigger beam. 27' 11" spread (47,190 lbs force) (DIN fittings).		\$ 29,593.00	\$ -
3.2	Hydraulic outrigger beam. 27' 11" spread (47,190 lbs force) (DIN fittings).		\$ 20,978.00	\$ -
3.3	Hydraulic outrigger beam. 23' 4" spread (40,450 lbs force) (DIN fittings).		\$ 14,369.00	\$ -
3.4	Hyd outrigger beam. 20' 1" spread (35,960 lbs force). LED Lighting pkg		\$ 11,278.00	\$ -
3.5	Hyd outrigger beam. 17' 10" spread (31,460 lbs force). LED Lighting pkg		\$ 7,966.00	\$ -
3.6	Hyd outrigger beam. 17' 10" spread (26,970 lbs force). LED Lighting pkg		\$ 10,090.00	\$ -
3.7	Hyd outrigger beam. 11' 10" spread (20,230 lbs force). LED Lighting pkg		\$ 5,102.00	\$ -
3.8	Hyd outrigger beam. 7' 7" spread (20,230 lbs force). LED Lighting pkg		\$ 3,403.00	\$ -
3.9	HPSC - Stabilizer Intelligence S-IQ		\$ 666.00	\$ -
3.10	Mounting frame Single beam with one side extension. Spread of 9' 4"		\$ 3,709.00	\$ -
3.11	High Performance Stability Control + ABSTW		\$ 2,885.00	\$ -
3.12	Mounting frame Double beam with dual side extension. Spread of 13' 10"		\$ 4,483.00	\$ -
3.13	Limit switches for outrigger beams. Indicates fully retracted position of		\$ 1,178.00	\$ -
3.14	Stabilizers (pair) for use with BS1003, BS1242 (DIN fittings only)		\$ 2,526.00	\$ -
3.15	Stabilizers (pair) for use with BS1003, BS1242 (DIN fittings only)		\$ 2,597.00	\$ -
3.16	Stabilizers (pair) for use with BS1003, BS1242 (DIN fittings only)		\$ 2,219.00	\$ -
3.17	Fixed hyd stabilizers(pr) SHORT for BS007. Incl 10° tiltable plates, valve & hdwr		\$ 1,653.00	\$ -
3.18	Fixed hyd stabilizers(pr) SHORT for BS006. Incl 10° tiltable plates, valve & hdwr		\$ 1,700.00	\$ -
3.19	Tiltable 180° hyd stabilizers(pr) for BS007. Incl 10° tiltable plates, valve & hdwr		\$ 3,446.00	\$ -
3.20	Fixed hyd stabilizers(pr) SHORT for BS005. Incl 10° tiltable plates, valve & hdwr		\$ 1,417.00	\$ -
3.21	Fixed hyd stabilizers(pr) SHORT for BS004. Incl 10° tiltable plates, valve & hdwr		\$ 1,558.00	\$ -
3.22	Tiltable 180° hyd stabilizers(pr) for BS004. Incl 10° tiltable plates, valve & hdwr		\$ 3,564.00	\$ -
3.23	Fixed hyd stabilizers(pr) LONG For BS001 & 2. valve & hdwr		\$ 1,369.00	
3.24	Fixed hyd stabilizers(pr) SHORT. For BS001 & 2. valve & hdwr		\$ 1,275.00	
3.25	Stabilizer (single) for bumper, 200kN (44,960 lbs-force), tiltable stabilizer plate, HPSC ready.		\$ 1,841.00	
3.26	One Stabilizer (single) for bumper, 200kN (44,960 lbs-force), tiltable stabilizer plate		\$ 2,262.00	
3.27	Two Stabilizers (double) for bumpers. tiltable stabilizer plate,		\$ 4,225.00	
3.28	Stabilizer (single) for bumper, tiltable stabilizer plate, HPSC ready. Transport switch n/a.		\$ 1,997.00	
3.29	One Stabilizer (single) for bumper, 200kN (44,960 lbs-force), tiltable stabilizer plate		\$ 2,262.00	
3.30	Two Stabilizers (double) for bumpers. Can be used as front, rear or combination.		\$ 4,206.00	
3.31	Two (2) hyd stabilizers For BS090 & 10. Incl tiltable plates, valve & hdwr		\$ 1,586.00	
3.32	One (1) hyd stabilizer For BS090 & 10 w/ manual height adj. Incl mounting hardware.		\$ 913.00	
3.33	One (1) manual stabilizer For BS090 & 10. Includes mounting hardware.		\$ 321.00	
3.34	Stabilizer (single) for bumper, HPSC ready		\$ 3,147.00	
3.35	Stabilizer (single) for bumper, (44,960 lbs-force), tiltable stabilizer plate, HPSC ready.		\$ 3,347.00	
3.36	Extension Addl 7.87" height For BS007. BS006, BS005, BS004 stabilizers. EA		\$ 76.00	
3.37	Extension Addl 3.93" height For BS007. BS006, BS005, BS004 4 stabilizers. EA		\$ 67.00	
3.38	One composite stabilizer pad. 11 7/8" sq. for KSZ00237A and KSZ0239A		\$ 67.00	
3.39	Pad Holder, holds one EZ2189-300 pad. Galvanized and lockable.		\$ 212.00	
3.40	One PVC stabilizer shoe. 15 3/4" Ø, For KSZ00237A and KSZ0239A		\$ 142.00	
3.41	Pad Holder, holds one EZ2261-400 shoe, weld or bolt on		\$ 184.00	
3.42	One composite stabilizer pad. 11 7/8" sq. for KSZ00174A, KSZ00178A, KSZ00182A		\$ 85.00	
3.43	Pad Holder, holds one EZ2189-400 pad. Galvanized and lockable.		\$ 212.00	

CRANES

Spec #	Description	Qty	Price	Subtotal
3.44	Pad Holder, holds two EZ2189-400 pad. Galvanized and lockable.		\$ 240.00	
3.45	One composite stabilizer pad.19 3/4" Ø. Slides onto stabilizer plate,		\$ 180.00	
3.46	Pad Holder, holds one EZ2261-500 shoe, weld or bolt on.		\$ 193.00	
3.47	One composite stabilizer pad.19 3/4" sq. Slides onto stabilizer plate,		\$ 142.00	
3.48	Pad Holder, holds one EZ2189-500 pad. Galvanized and lockable.		\$ 231.00	
3.49	Pad Holder, holds two EZ2189-500 pad. Galvanized and lockable.		\$ 250.00	
3.50	One composite stabilizer pad. 24 5/8" sq. Slides under stabilizer plate		\$ 175.00	
3.51	Pad Holder, holds one EZ2189-600 pad. Galvanized and lockable.		\$ 240.00	
3.52	Pad Holder, holdst two EZ2189-600 pads. Galvanized and lockable.		\$ 259.00	
3.53	One composite stabilizer pad. 31 .5" sq. Slides under stabilizer plate		\$ 340.00	
3.54	2 section control valve with common return connection. Includes handles,		\$ 992.00	
3.55	4 section control valve with common return connection. Includes handles,		\$ 1,276.00	
3.56				
3.57				
4.0	REMOTE CONTROLS NA			

5.0 ATTACHMENTS

5.1	59MM Shaft Kinshofer rotator, 1 hyd circuit, 626 ft/lb torque 9920 lb axial cap		\$ 2,030.00	\$ -
5.2	68MM Shaft Kinshofer rotator, 1 hyd circuit, 626 ft/lb torque 9920 lb axial cap		\$ 2,030.00	\$ -
5.3	Flange Type Kinshofer rotator, 1 hyd circuit, 626 ft/lb torque 9920 lb axial cap		\$ 2,148.00	\$ -
5.4	68MM Shaft Kinshofer rotator, 1 hyd circuit, 626 ft/lb torque 13,200 lb axial cap		\$ 3,380.00	\$ -
5.5	Flange Type Kinshofer rotator, 1 hyd circuit, 737 ft/lb torque 8,800 lb axial cap		\$ 3,564.00	\$ -
5.6	Flange Type Kinshofer rotator, 1 hyd circuit, 1480 ft/lb torque 22,000 lb axial cap		\$ 4,121.00	\$ -
5.7	Mount and plumb rotator assembly to control valve with quick couplers		\$ 628.00	\$ -
5.8	Upper suspension link for PZR450G and PZR450GF on PK 2800 and up		\$ 270.00	\$ -
5.9	Upper suspension link for PZR450G and PZR450GF on PW Models		\$ 331.00	\$ -
5.10	Upper suspension link for PZR1000GF on PW Models		\$ 331.00	\$ -
5.11	Upper suspension link for PZR450G PW Models		\$ 373.00	\$ -
5.12	Cardan link with pendulum damper, Reduces swing. Incl UL 136 Link		\$ 722.00	\$ -
5.13	Adapting link - 68mm shaft to crane fork		\$ 299.00	\$ -
5.14	Crane hook for mounting on 59 mm shaft rotator similar to KM460-04. 9,900 lb capacity.		\$ 373.00	\$ -
5.15	Non rotating crane hook for mounting on 68 mm shaft rotator		\$ 402.00	\$ -
5.16	Adapting link between 68 mm shaft-type rotator and attachment		\$ 169.00	\$ -
5.17	Quick change system N00074-68 for 68 mm shaft-type rotators		\$ 850.00	\$ -
5.18	Hydraulic couplers for N00074-68		\$ 156.00	\$ -
5.19	One set of hyd hoses consisting of 1-pressure and 1-return hose 35 1/2" EA		\$ 142.00	\$ -
5.20	One set of hyd hoses consisting of 1-pressure and 1-return hose 33 1/2" EA		\$ 95.00	\$ -
5.21	Freight charge when ordering separate from a complete crane		\$ 69.00	\$ -
5.22	Earth auger drive unit (BEG 30) with 2,112 ft.lbs. w/ integral pressure relief		\$ 4,697.00	\$ -
5.23	Earth auger drive unit (BEG 50) with 3,685 ft.lbs. w/ integral pressure relief		\$ 4,792.00	\$ -
5.24	Earth auger drive unit (BEG 80) with 5,530 ft.lbs. w/ integral pressure relief		\$ 4,957.00	\$ -
5.25	Mount and plumb rotator assembly to control valve with quick couplers		\$ 881.00	\$ -
5.26	3'3" Drive unit extension between drive unit and auger		\$ 779.00	\$ -
5.27	Pull in profile for auger drive dimension 296 x 133 mm		\$ 756.00	\$ -
5.28	Pull in profile for auger drive dimension 259 x 115 mm		\$ 756.00	\$ -
5.29	Pull in profile for auger drive dimension 221 x 097 mm		\$ 756.00	\$ -
5.30	Pull in profile for auger drive dimension 185 x 080 mm		\$ 756.00	\$ -
5.31	Pull in profile for auger drive 123mm inside height		\$ 756.00	\$ -
5.32	Pull in profile for auger drive 155mm inside height		\$ 756.00	\$ -
5.33	Pull in profile for auger drive 188mm inside height		\$ 756.00	\$ -
5.34	Pull in profile for auger drive 224mm inside height		\$ 756.00	\$ -
5.35	Pull in profile for auger drive 260mm inside height		\$ 756.00	\$ -
5.36	57mm sq Female x 2-1/2" Male adapter. Incl connecting pin. Fits BEG30/50/80		\$ 756.00	\$ -
5.37	Auger, 150 mm (standard wear parts - tungsten not offered)		\$ 95.00	\$ -
5.38	Auger, 300 mm (tungsten wear parts)		\$ 1,487.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
5.39	Auger, 500 mm (tungsten wear parts)		\$ 1,983.00	\$ -
5.40	Auger, 600 mm (tungsten wear parts)		\$ 2,125.00	\$ -
5.41	Freight charge when ordering separate from a complete crane		\$ 342.00	\$ -
5.42	PZP 200- Manually Centered Pallet Fork 4,400 lb cap. Tines		\$ 2,043.00	\$ -
5.43	Self Adj. 6,000 lb. capacity pallet forks. Adjustable throat from 48" to 68".		\$ 3,463.00	\$ -
5.44	Freight charge when ordering separate from a complete crane		\$ 342.00	\$ -
5.45	Manually leveling workman basket (BB004) with disc brake for working		\$ 5,760.00	\$ -
5.46	Emergency Lowering Valve for the main boom in the event of an emergency.		\$ 331.00	\$ -
5.47	Pull in profile for 123 mm inside height		\$ 449.00	\$ -
5.48	Pull in profile for 155 mm inside height		\$ 458.00	\$ -
5.49	Pull in profile for 188 mm inside height		\$ 473.00	\$ -
5.50	Pull in profile for 224 mm inside height		\$ 520.00	\$ -
5.51	Pull in profile for 260 mm inside height		\$ 543.00	\$ -
5.52	Pull in profile for 296 mm inside height		\$ 567.00	\$ -
5.53	Pull in profile for 335 mm inside height		\$ 614.00	\$ -
5.54	Freight charge when ordering separate from a complete crane		\$ 342.00	\$ -
5.55	Boom mounted hose reel with dual 50' hose		\$ 8,152.00	\$ -

6.0 OTHER OPTIONS

6.1	Mount, wire, plumb and stability test Compact Series crane		\$ 1,969.00	\$ -
6.2	Mount, wire, plumb and stability test and certify Palfinger crane back of cab		\$ 7,306.00	\$ -
6.3	Mount, wire, plumb and stability test and certify Palfinger Rear Mount Crane Installation		\$ 8,472.00	\$ -
6.4	Install for unit with Radio Remotes		\$ 506.00	\$ -
6.5	Wire 2-Speed throttle control (Chassis must be compatible)		\$ 443.00	\$ -
6.6	Wire chassis Start Stop (Crane remote must be compatible)		\$ 823.00	\$ -
6.7	Wire chassis 2 speed+Start Stop(Crane remote & chassis must be compatible)		\$ 949.00	\$ -
6.8	Tube type crane riser for outrigger clearance or frame RBM issues		\$ 1,156.00	\$ -
6.9	Tube construction, ladder type crane subframe up to 8' L		\$ 1,717.00	\$ -
6.10	Tube construction, ladder type crane subframe 9' - 16' L		\$ 4,114.00	\$ -
6.11	Tube construction, ladder type crane subframe > 16' L		\$ 6,896.00	\$ -
6.12	Add top and/or bottom plate to LG subframe for torsion box application		\$ 2,858.00	\$ -
6.13	Cable Shift PTO for Manual Transmission		\$ 1,573.00	\$ -
6.14	Hotshift PTO for Automatic Transmission		\$ 2,705.00	\$ -
6.15	6 Bolt Air Shift PTO for Medium Duty Manual Transmission		\$ 2,195.00	\$ -
6.16	8 Bolt Air Shift PTO for Heavy Duty Manual Transmission		\$ 2,506.00	\$ -
6.17	SAE piston pump Rot. fixed displacement 6.3 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.18	SAE piston pump Rot. fixed displacement 10 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.19	SAE piston pump Rot. fixed displacement 16.1 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.20	DIN piston pump Rot. fixed displacement 6.3 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.21	DIN piston pump Rot. fixed displacement 10 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.22	DIN piston pump Rot. fixed displacement 16.1 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.23	DIN piston pump Rot. fixed displacement 21 gpm/1000 rpm, 5075 psi		\$ 1,512.00	\$ -
6.24	DIN twin piston pump Rot. fixed disp 14/14 gpm/1000 rpm, 5075 psi		\$ 2,449.00	\$ -
6.25	DIN twin piston pump Rot. fixed disp 14/14 gpm/1000 rpm, 5075 psi		\$ 2,449.00	\$ -
6.26	DIN piston pump Rot. variable displacement 14.5 gpm/1000 rpm, 5075 psi		\$ 2,598.00	\$ -
6.27	DIN piston pump Rot. variable displacement 14.5 gpm/1000 rpm, 5075 psi		\$ 2,598.00	\$ -
6.28	DIN piston pump Rot. variable displacement 21.1 gpm/1000 rpm, 5582 psi		\$ 2,692.00	\$ -
6.29	DIN piston pump Rot. variable displacement 21.1 gpm/1000 rpm, 5582 psi		\$ 2,692.00	\$ -
6.30	DIN piston pump Rot. variable displacement 28.3 gpm/1000 rpm, 5582 psi		\$ 3,164.00	\$ -
6.31	DIN piston pump Rot. variable displacement 28.3 gpm/1000 rpm, 5582 psi		\$ 3,164.00	\$ -
6.32	1.5" Hose Bib, Straight for PARKER Voac F1 & F2 pumps (Suc Fitting)		\$ 43.00	\$ -
6.33	1.5" Hose Bib, 45 degree for PARKER Voac F1 & F2 pumps (Suc Fitting)		\$ 48.00	\$ -
6.34	2" Hose Bib, Straight for PARKER Voac F1 & F2 pumps (Suc Fitting)		\$ 52.00	\$ -
6.35	2" Hose Bib, 45 degrees for PARKER Voac F1 & F2 pumps (Suc Fitting)		\$ 48.00	\$ -
6.36	2.5" Hose Bib, 45 degrees for PARKER Voac F1 & F2 pumps (Suc Fitting)		\$ 57.00	\$ -
6.37	2" (50mm) Hose Bib, Straight for LEDUC # EP1415 pump		\$ 71.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
6.38	2" (50mm) Hose Bib, 90 degrees for for LEDUC # EP1415 pump		\$ 81.00	\$ -
6.39	Adaptor: 3/4" BSPP Male x 3/4" JIC Male (Pressure Port Adapter)		\$ 15.00	\$ -
6.40	Adapter. 1" BSPP Male x 3/4" JIC Male (Pressure Port Adapter)		\$ 19.00	\$ -
6.41	Adaptor: 1" BSPP Male x 1" JIC Male (Pressure Port Adapter)		\$ 19.00	\$ -
7.1	Annual crane inspection with certification label		\$ 633.00	\$ -

CRANES

Spec #	Description	Qty	Price	Subtotal
8.0	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES			
	% Discount		0.00%	
	Price List Date and Number			
9.0	DELIVERY CHARGES			
	DELIVERY STARTING POINT - City, State, Zip			
	Bloomington, MN 55420			
	Price per loaded mile	3	\$	-
10.0	Per Hour SHOP RATE)			
10.1	EQUIPMENT INSPECTION AND REPAIR		\$127.00	\$ -
10.2	INITIAL INSPECTION/DIAGNOSTIC		\$127.00	\$ -
10.3	MECHANICAL REPAIRS		\$127.00	\$ -
	Total Cost:		\$	-