

AUTHORIZED DISTRIBUTOR LIST - IF APPLICABLE

RESPONDER'S NAME: Twin Star Equipment & Mfg. Co.

SWIFT EVENT NUMBER: G0210-2000010515 / C-798(5)

Following is a list of all distributors that are authorized to sell the equipment listed above. All distributors will provide the required insurance certificates to the State as outlined in the Swift Event Special Terms and Conditions before any State Contract may be executed. The SWIFT Vendor number must be complete and include the vendor location number and the vendor location number, i.e., 0000123456-001.

COMPANY NAME	SWIFT VENDOR & LOCATION NO.	COMPANY STREET ADDRESS	STATE	PHONE NUMBER	CONTACT NAME
Twin Star Equipment & Mfg	VN0001017896-1	1950 202nd Street East, Clearwater	MN	320-558-2800	Steve Bergeron
					Jay Weber

CRANES

Crane Installed on Cab & Chassis

Price quote for:

Contract End Date March 2018

Vendor Name: **Twin Star Equipment & Mfg. Co.**
 Contact Person: **Steve Bergeron and Jay Weber**
 Street Address: **1950 202nd Street East**
 P.O. Box:
 City, State, Zip: **Clearwater, MN 55320**
 Phone #: **320-558-2800**
 Toll Free #:
 Fax #: **320-558-2809**
 Email Address: **steve@twinstartruck.com and jay@twinstartruck.com**

Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	HYVA HS3315E1EC
	Required Frame RBM, SM & PSI of steel	N/A
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5 FT 2,254 LBS. - 9' 1,295 LBS
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	6'10" 1,650 LBS
	First Extension	HYDRAULIC 11'1" 1,050 LBS
	Second Extension	MANUAL 15' 750 LBS
	Third Extension	N/A
	Fourth Extension	N/A
	Fifth Extension	N/A
	Sixth Extension	N/A
	Seventh Extension	N/A
	Crane weight	550 LBS
	Total vertical reach	15 FEET
	Horizontal hook approach from centerline of rotation	N/A
	Vertical hook approach from mounting surface	N/A
	Total horizontal reach	15 FEET
	Below chassis frame reach	N/A
	Boom stowed height from mounting surface	29 1/8 INCH

CRANES

Spec #	Information Requested	Answer
	Crane mounting space requirement	N/A
	Distance from back of cab to crane clearance	N/A
	Distance from crane to front of body clearance	N/A
	Crane rotation & rotation working area	400 DEGREE
	Rotation system brake	PILOTED HOLDING VALVES
	Rotation system Drive	WORM GEAR
	Rotational torque in ft-lb's	1,080 FT-LBS
	Outrigger description, width & design	MANUAL 86" RETRACTED / 126" EXTENDED
	Outrigger hydraulic description (independent down, stroke length, etc.	N/A
	Outrigger pad size & type	N/A
	Throttle control, if any	N/A
	Hydraulic pump type, GPM, PSI	1.3-2.4 GPM / 2,320 PSI
	Hydraulic oil reservoir size/description	N/A
	Is Hydraulic reservoir heated	N/A
	Hydraulic fluid type	STANDARD HYDRAULIC FLUID
	Control locations & Description	VALVE AT CRANE/CABLE TBD
	Control valve type	PROPORTIONAL
	Wireless remote included	NO
	Number of wireless remote functions	8
	Boom Cylinder description	DOUBLE ACTING
	Crane rating	11,500 FT-LBS
	Country of origin for crane	ITALY
	Crane Overall Weight	550 LBS
	Crane Stowed Center of Gravity	N/A
	Warranty	2 YEARS
	BASE UNIT PRICE:	\$14,069.00

CRANES

Contract end date March 2018

Crane Installed on Cab & Chassis

VENDOR: TWIN STAR EQUIPMENT & MFG CO

MAKE/MOD _____

Spec #	Description	Qty	Price	Subtotal
1.0	BASE UNIT PRICE:			\$ -
2.0	CRANE EXTENSION OPTIONS			
2.1				\$ -
3.0	OUTRIGGER OPTIONS			
3.1	SMM manual out, both legs manual up/down outriggers (SC711700)		\$ 1,756.00	\$ -
3.2	SMH manual out, both legs hydraulic up/down outriggers (SC711800)		\$ 2,805.00	
3.3	One side manual out, both legs hydraulic up/down MMH(SC721800)		\$ 3,559.00	
3.4	One side hydraulic out, both legs hydraulic up/down MHH (SC721900)		\$ 4,293.00	
3.5	One side hydraulic out, both legs hydraulic up/down LHH (SC731900)		\$ 4,683.00	
3.6	One side hydraulic, both legs hydraulic up/down XLHH (SC741900)		\$ 6,109.00	
4.0	REMOTE CONTROLS			
4.1	Receiver for aux. functions (engine/accelerate, air compressor start/stop) (SC002002)		\$ 1,680.00	\$ -
5.0	ATTACHMENTS			
5.1				\$ -
6.0	OTHER OPTIONS			
6.1	Out of Stow alarm			\$ -
6.2	33' remote control serial cable where no radio permitted (M) (SC002005)		\$ 455.00	
6.3	33' serial remote control cable for use where remote not permitted ® (SC002006)		\$ 455.00	

CRANES

Spec #	Description	Qty	Price	Subtotal
6.4	Hook ring for traveling block (SC002015)		\$ 258.00	
6.5	Stability control kit for 1 extendable outrigger set including aux. receiver (SC002003)		\$ 4,280.00	
6.6	Workshop cable for aux receiver matching (must buy with 1st SCU) (SC002009)		\$ 480.00	
6.7	Safety latch with spring for hook type storage (SC002001)		\$ 120.00	
6.8	Cable pressure rollers, spring loaded, on winch drum		\$ 2,073.00	
6.9	Cable oressure rollers, spring loaded, on winch drum (retrofit)		\$ 2,006.00	
6.10	Manual winch kit for assisted anti-two block recovery (SC002016)		\$ 289.00	
6.11	Counterweight for single line lifting (SC002007)		\$ 373.00	\$ -
7.0	<u>CUSTOM WORK</u>			
7.1	4 gallon reservoir with return line filter (PTO drive only) (SC002004)		\$ 610.00	\$ -
7.2	8 gallon reservoir with return line filter (PTO drive only) (SC002008)		\$ 743.00	
7.3	11 gallon reservoir with return line filter (PTO drive only) (SC002011)		\$ 880.00	
7.4	13 gallon reservoir with return line filter (PTO drive only) (SC002013)		\$ 880.00	
7.5	Under hood pump & install kit - RAM		\$ 2,914.00	
7.6	Under hood pump & install kit - Ford		\$ 3,410.00	
7.7	Under hood pump & install kit - Ford w/2 alternators		\$ 6,680.00	
7.8	Under hood pump & install kit - GM 3500		\$ 2,880.00	
7.9	Hotshift PTO, Automatic Transmission		\$ 3,214.00	
7.10	Hotshift PTO, Manual Transmission		\$ 3,444.00	

CRANES
CraneBody Package

Contract end date March 2018

Vendor Name:	TWIN STAR EQUIPMENT & MFG. CO.
Contact Person:	STEVE BERGERON AND JAY WEBER
Street Address:	1950 202ND STREET EAST
P.O. Box:	
City, State, Zip	CLEARWATER, MN 55320
Phone #:	320-558-2800
Toll Free #:	
Fax #:	320-558-2809
Email Address:	STEVE@TWINSTARTRUCK.COM / JAY@TWINSTARTRUCK.COM
Website:	TWINSTARTRUCK.COM

1.0 Crane & Body Make and Model **\$48,868.00**

1.1 HYVA HS6221 Electric Service Crane & 132" Galvanneal Service Body by Twin Star
 1.2 Package discription
 1.3 84" c/a Chassis: Hyva HS6221: Electric Service Body Crane Rated @ 25,000 Ft #, 21' Lighting Height from base of crane, (2) Outriggers: Manual in/out, Hyd Power Pack Hyd up/down. Digital proportional controls. Installed on Curbside rear of Twin Star Patriot Service Body: 110" long x 44" tall Galvanneal constructed service body. 3 LED lighted compartments on each side, HD 10" rear bumper with vice mount. Bumper powder coated black. All exterior body lighting to meet all state and federal requirements. Install completed with rear mudflaps.

Warranty **2 Years**

Percentage Discount to be applied to Price List % Discount
0

2.0 OPTIONS ONLY THESE THREE OPTIONS-Add discription and price

2.1 Air Compressor - American Eagle 23 CFM@175 psi, 13 hp Honda Engine	\$6,680.00
2.2 Welder - Bobcat 250	\$5,610.00
2.3 Shelves - Single shelf per compartment w/single 5 drawer shelf unit	\$1,612.00

3.0 EXTENDED WARRANTY OPTIONS
 3.1 N/A N/A

4.0 DELIVERY CHARGES
DELIVERY STARTING POINT - City, State, Zip
 Clearwater, MN 55320

Price per loaded mile \$ 2.50

5.0 DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES

% Discount **0%**
 Price List Date and Number

6.0 HOURLY SHOP RATE (Per Hour)

6.1 EQUIPMENT INSPECTION AND REPAIR	\$99.00
6.2 HOURLY RATE FOR INITIAL INSPECTION/DIAGNOSTIC	\$99.00
HOURLY RATE FOR MECHANICAL REPAIRS	\$99.00

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Email Address:	STEVE@TWINSTARTRUCK.COM / JAY@TWINSTARTRUCK.COM
Website:	TWINSTARTRUCK.COM

\$	1.00	Crane & Body Make and Model	\$ 68,654.00
\$	1.10	HYVA HS1102 Electric Service Crane & 166" Galvanneal Service Body, Installed	
\$	1.20	Package discription	
\$	1.30	120" c/a Chassis: Hyva HS110E2H: Hydraulic Service Body Crane Rated @ 64,400 Ft #, 28' Lighting Height from base of crane, (2) Outriggers: Manual in/out, Hyd Power Pack Hyd up/down. Digital proportional controls. Installed on Curbside rear of Twin Star Service Body: 116" long x 59/48" tall Galvanneal Patriot service body by Twin Star Mfg. 5 LED lighted compartments on each side, 18" rear tail shelf with HD 10" rear bumper with vice mount. Bumper powder coated black. All exterior body lighting to meet all state and federal requirements. Install completed with rear mudflaps.	
		Warranty	2 Years
		Percentage Discount to be applied to Price List	% Discount
			\$ -
\$	2.00	OPTIONS ONLY THESE THREE OPTIONS-Add discription and price	
\$	2.10	Air Compressor -American Eagle Air N Arc 300D 40 CFM 25 HP Kubota Diesel	\$ 16,488.00
\$	2.20	Welder - Miller Enpak A30 30CFM@100psi, 12/24 V, 210 Amp Welder	\$ 19,860.00
\$	2.30	Shelves - Single shelf per compartment w/single 5 drawer shelf unit	\$ 1,612.00
\$	3.00	EXTENDED WARRANTY OPTIONS	
\$	3.10	N/A	N/A
\$	4.00	DELIVERY CHARGES	
		DELIVERY STARTING POINT - City, State, Zip	
		Clearwater, MN 55320	
		Price per loaded mile	\$ 2.50
\$	5.00	DISCOUNT OFF LIST PRICE FOR RELATED PARTS AND ACCESSORIES	
		% Discount	\$ -
		Price List Date and Number	
6.0		HOURLY SHOP RATE (Per Hour)	
6.1		EQUIPMENT INSPECTION AND REPAIR	\$ 99.00
6.2		HOURLY RATE FOR INITIAL INSPECTION/DIAGNOSTIC	\$ 99.00
		HOURLY RATE FOR MECHANICAL REPAIRS	\$99.00

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Spec #	Information Requested	Answer
1.0	MAKE AND MODEL	HYVA HS3315E1EC
	Required Frame RBM, SM & PSI of steel	N/A
	Lift Capacity at 5' to 9' from centerline of rotation state distance & lift capacity	5 FT 2,254 LBS. - 9' 1,295 LBS
	Each extension type, horizontal reach from centerline of rotation and maximum capacity at that length	
	Main Boom	6'10" 1,650 LBS
	First Extension	HYDRAULIC 11'1" 1,050 LBS
	Second Extension	MANUAL 15' 750 LBS
	Third Extension	N/A
	Fourth Extension	N/A
	Fifth Extension	N/A
	Sixth Extension	N/A
	Seventh Extension	N/A
	Crane weight	550 LBS
	Total vertical reach	15 FEET
	Horizontal hook approach from centerline of rotation	N/A
	Vertical hook approach from mounting surface	N/A
	Total horizontal reach	15 FEET
	Below chassis frame reach	N/A
	Boom stowed height from mounting surface	29 1/8 INCH

CRANES

Spec #	Information Requested	Answer
	Crane mounting space requirement	N/A
	Distance from back of cab to crane clearance	N/A
	Distance from crane to front of body clearance	N/A
	Crane rotation & rotation working area	400 DEGREE
	Rotation system brake	PILOTED HOLDING VALVES
	Rotation system Drive	WORM GEAR
	Rotational torque in ft-lb's	1,080 FT-LBS
	Outrigger description, width & design	MANUAL 86" RETRACTED / 126" EXTENDED
	Outrigger hydraulic description (independent down, stroke length, etc.	N/A
	Outrigger pad size & type	N/A
	Throttle control, if any	N/A
	Hydraulic pump type, GPM, PSI	1.3-2.4 GPM / 2,320 PSI
	Hydraulic oil reservoir size/description	N/A
	Is Hydraulic reservoir heated	N/A
	Hydraulic fluid type	STANDARD HYDRAULIC FLUID
	Control locations & Description	VALVE AT CRANE/CABLE TBD
	Control valve type	PROPORTIONAL
	Wireless remote included	NO
	Number of wireless remote functions	8
	Boom Cylinder description	DOUBLE ACTING
	Crane rating	11,500 FT-LBS
	Country of origin for crane	ITALY
	Crane Overall Weight	550 LBS
	Crane Stowed Center of Gravity	N/A
	Warranty	2 YEARS
	BASE UNIT PRICE:	\$14,069.00

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Contract end date March 2018

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VENDOR: **TWIN STAR EQUIPMENT & MFG CO**

MAKE/MOD

Spec #	Description	Qty	Price	Subtotal
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1.0	BASE UNIT PRICE:			\$ -
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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				\$ -
2.2				\$ -

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	SMM manual out, both legs manual up/down outriggers (SC711700)		\$ 1,756.00	\$ -
3.2	SMH manual out, both legs hydraulic up/down outriggers (SC711800)		\$ 2,805.00	
3.3	One side manual out, both legs hydraulic up/down MMH(SC721800)		\$ 3,559.00	
3.4	One side hydraulic out, both legs hydraulic up/down MHH (SC721900)		\$ 4,293.00	
3.5	One side hydraulic out, both legs hydraulic up/down LHH (SC731900)		\$ 4,683.00	
3.6	One side hydraulic, both legs hydraulic up/down XLHH (SC741900)		\$ 6,109.00	

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	Receiver for aux. functions (engine/accelerate, air compressor start/stop) (SC002002)		\$ 1,680.00	\$ -
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				\$ -
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	Out of Stow alarm			\$ -
6.2	33' remote control serial cable where no radio permitted (M) (SC002005)		\$ 455.00	
6.3	33' serial remote control cable for use where remote not permitted ® (SC002006)		\$ 455.00	

CRANES

Spec #	Description	Qty	Price	Subtotal
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6.5	Stability control kit for 1 extendable outrigger set including aux. receiver (SC002003)		\$ 4,280.00	
6.6	Workshop cable for aux receiver matching (must buy with 1st SCU) (SC002009)		\$ 480.00	
6.7	Safety latch with spring for hook type storage (SC002001)		\$ 120.00	
6.8	Cable pressure rollers, spring loaded, on winch drum		\$ 2,073.00	
6.9	Cable oressure rollers, spring loaded, on winch drum (retrofit)		\$ 2,006.00	
6.10	Manual winch kit for assisted anti-two block recovery (SC002016)		\$ 289.00	
6.11	Counterweight for single line lifting (SC002007)		\$ 373.00	\$ -

7.0 CUSTOM WORK

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	4 gallon reservoir with return line filter (PTO drive only) (SC002004)		\$ 610.00	\$ -
7.2	8 gallon reservoir with return line filter (PTO drive only) (SC002008)		\$ 743.00	
7.3	11 gallon reservoir with return line filter (PTO drive only) (SC002011)		\$ 880.00	
7.4	13 gallon reservoir with return line filter (PTO drive only) (SC002013)		\$ 880.00	
7.5	Under hood pump & install kit - RAM		\$ 2,914.00	
7.6	Under hood pump & install kit - Ford		\$ 3,410.00	
7.7	Under hood pump & install kit - Ford w/2 alternators		\$ 6,680.00	
7.8	Under hood pump & install kit - GM 3500		\$ 2,880.00	
7.9	Hotshift PTO, Automatic Transmission		\$ 3,214.00	
7.10	Hotshift PTO, Manual Transmission		\$ 3,444.00	