



**STATE OF MICHIGAN
ENTERPRISE PROCUREMENT**

Department of Technology, Management, and Budget
320 S. Walnut Street 2nd Floor Lansing, MI 48933
P.O. BOX 30026 LANSING, MICHIGAN 48909

CONTRACT CHANGE NOTICE

Change Notice Number 2
to
Contract Number **MA24000000158**

CONTRACTOR	AIS CONSTRUCTION EQUIPMENT CORP
	56555 Pontiac Trail
	New Hudson MI 48165
	Greg Doyal
	810-499-1332
	gdoyal@aisequip.com
	CV0020668

STATE	Program Manager	Erin Reincke	MDOT
		517 284-6443	
		ReinckeE@michigan.gov	
	Contract Administrator	Yvon Dufour	DTMB
517 249 0455			
dufoury@michigan.gov			

CONTRACT SUMMARY				
Purchase, Rental, Parts, and Maintenance & Repair for Agricultural, Grounds, Turf, Earth Moving, and Roadside, Maintenance Equipment				
INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE	
January 16, 2024	January 16, 2029	5 - 12 Months	January 16, 2029	
PAYMENT TERMS		DELIVERY TIMEFRAME		
ALTERNATE PAYMENT OPTIONS		EXTENDED PURCHASING		
<input type="checkbox"/> P-Card <input type="checkbox"/> Direct Voucher (PRC) <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
MINIMUM DELIVERY REQUIREMENTS				
DESCRIPTION OF CHANGE NOTICE				
OPTION	LENGTH OF OPTION	EXTENSION	LENGTH OF EXTENSION	REVISED EXP. DATE
<input type="checkbox"/>		<input type="checkbox"/>		
CURRENT VALUE	VALUE OF CHANGE NOTICE	ESTIMATED AGGREGATE CONTRACT VALUE		
\$15,000,000.00	\$0.00	\$15,000,000.00		
DESCRIPTION				
Effective 3/6/2025 pricing on this contract is hereby updated, per revised Schedule B. All other terms, conditions, specifications and pricing remain the same. Per contractor request, and DTMB Procurement approval.				

Catalog Pricing For Purchase - 2025

Catalog Pricing For Purchase - 2025										DELIVERY			
Item #	EQUIPMENT MAKE & MODEL:	Equipment Category	Description	List Price	Disc %	Net Price	PDI % of Discounted Price	Net Price	Set-Up Fees per hour (for additional dealer options and attachments)	Per mile from Contractor's nearest dealer location/ Minimum \$200 for all regions	1a. Western UP +\$100 for crossing the bridge	1b. Central UP +\$100 for crossing the bridge	1c. Eastern UP +\$100 for crossing the bridge
JOHN DEERE CRAWLER DOZERS													
1	Deere 450P PAT	CRAWLER DOZERS	5601-16" Mod Shoes-HD Undercarriage	\$ 166,057	19.0%	\$ 134,506	\$ 1,345	\$ 135,851	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
2	Deere 450P LGP PAT	CRAWLER DOZERS	0410-LGP PAT; 5601-16" Mod Shoes-HD Undercarriage	\$ 168,150	19.0%	\$ 136,202	\$ 1,362	\$ 137,564	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
3	Deere 550P PAT	CRAWLER DOZERS	5602-18" Mod Shoes-HD Undercarriage	\$ 200,835	20.0%	\$ 160,668	\$ 1,607	\$ 162,275	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
4	Deere 550P LGP PAT	CRAWLER DOZERS	0410-LGP PAT; 5602-18" Mod Shoes-HD Undercarriage	\$ 205,997	20.0%	\$ 164,798	\$ 1,648	\$ 166,446	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
5	Deere 650P XLT PAT	CRAWLER DOZERS	5602-18" Mod Shoes-HD Undercarriage, 7660 PAT Blade, 6800 No Front Idler Guards	\$ 228,241	21.5%	\$ 179,169	\$ 1,792	\$ 180,961	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
6	Deere 650P LGP PAT	CRAWLER DOZERS	0410-LGP PAT; 5602-18" Mod Shoes-HD Undercarriage, 6800 No Front Idler Guards	\$ 233,643	21.5%	\$ 183,410	\$ 1,834	\$ 185,244	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
7	Deere 700P XLT PAT	CRAWLER DOZERS	0401 XLT PAT, 5604 22 In Moderate Service Shoes,7617 PAT Blade	\$ 256,724	17.5%	\$ 211,797	\$ 2,118	\$ 213,915	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
8	Deere 700P LGP PAT	CRAWLER DOZERS	5604 22 In Moderate Service Shoes	\$ 259,997	17.5%	\$ 214,498	\$ 2,145	\$ 216,643	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
9	Deere 750P XLT PAT	CRAWLER DOZERS	0401 XLT PAT, 0601 Canopy, 5605 24 In Moderate Service Shoes, 7622 PAT Blade	\$ 404,206	18.0%	\$ 331,449	\$ 3,314	\$ 334,763	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
10	Deere 750P LGP PAT	CRAWLER DOZERS	0601 Canopy, 5605 24 In Moderate Service Shoes, 7622 PAT Blade	\$ 414,040	18.0%	\$ 339,513	\$ 3,395	\$ 342,908	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
11	Deere 850P XLT PAT	CRAWLER DOZERS	0401 XLT PAT, 5605 24 In Moderate Service Shoes, 7028 3 Function Electro-Hydraulics, 7626 PAT Blade	\$ 534,549	21.0%	\$ 422,294	\$ 4,223	\$ 426,517	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
12	Deere 850P LGP PAT	CRAWLER DOZERS	0403 LGP PAT, 5605 24 In Moderate Service Shoes, 7028 3 Function Electro-Hydraulics	\$ 568,444	21.0%	\$ 449,071	\$ 4,491	\$ 453,561	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
13	Deere 950P OSD	CRAWLER DOZERS	0405-STD-OSD, 5619-24" Extreme Service Shoes, 7643-Semi-U Blade 154", 7033 Two Function Electro-Hydraulic (EH) Controls	\$ 736,365	21.0%	\$ 581,728	\$ 5,817	\$ 587,546	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
14	Deere 950P LGP PAT	CRAWLER DOZERS	5609 30 In Moderate Service Shoes, 7028 3 Function Electro-Hydraulics	\$ 841,139	21.0%	\$ 664,500	\$ 6,645	\$ 671,145	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
15	Deere 1050P OSD	CRAWLER DOZERS	7033 Two Function Electro-Hydraulic (EH) Controls	\$ 908,735	23.0%	\$ 699,726	\$ 6,997	\$ 706,723	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
SEE SCHEDULE B2 FOR OPTION PRICING													
JOHN DEERE BACKHOE LOADERS													
16	Deere 210G	TRACTOR LOADER	Canopy (1002), less JD Link (183B), 1.13 yd. bucket (7853)	\$ 139,481	31.0%	\$ 96,242	\$ 962	\$ 97,204	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
17	Deere 210P	TRACTOR LOADER	Canopy (1002), 1.13 yd. bucket (7853)	\$ 149,519	31.0%	\$ 103,168	\$ 1,032	\$ 104,200	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
18	Deere 310G	BACKHOE	Canopy (1002), no JDLink (183B), 4wd (3010), Galaxy 19.5L-24 & 12-16.5 (5244), 24" backhoe bkt. (7805), 1.13 yd. loader bkt. (7852)	\$ 149,443	38.0%	\$ 92,655	\$ 927	\$ 93,581	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
19	Deere 310P	BACKHOE	Canopy (1002), 4 wd (3006), Galaxy 19.5L-24 & 12-16.5 (5247), 24" backhoe bkt. (7805), 1.13 yd. loader bkt. (7852)	\$ 166,656	38.0%	\$ 103,327	\$ 1,033	\$ 104,360	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
20	Deere 320P	BACKHOE	Canopy (1002), 4wd (3009), 24" backhoe bkt. (7806), 1.13 yd. loader bkt. (7853)	\$ 178,669	39.0%	\$ 108,988	\$ 1,090	\$ 110,078	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
21	Deere 410P	BACKHOE	Canopy (1002), 4wd (3009), 24" backhoe bkt.(7806), 1.39 yd. loader bkt. (7859)	\$ 208,341	39.0%	\$ 127,088	\$ 1,271	\$ 128,359	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
22	Deere 710P	BACKHOE	Canopy (1002), 4wd (3009), 24" backhoe bkt. (7812), 1.89 yd. loader bkt. (7869)	\$ 303,560	36.0%	\$ 194,278	\$ 1,943	\$ 196,221	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
SEE SCHEDULE B2 FOR OPTION PRICING													
JOHN DEERE WHEEL LOADERS													
23	Deere 344P	COMPACT LOADER	2.0 cu. yd. (1.5 cu. m.) General Purpose Pin-on Bucket (7803)	\$ 212,283	19.0%	\$ 171,949	\$ 1,719	\$ 173,669	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
24	Deere 444P	WHEEL LOADERS	PowerTech Engine (4065), Scale Counter (2201), 2.5 Cu Yd. Bkt (7813), BOCE (7458)	\$ 260,039	30.5%	\$ 180,727	\$ 1,807	\$ 182,534	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
25	Deere 444G	WHEEL LOADERS	7812 Pin On Bucket, BOCE and Debris Kit (8501)	\$ 219,173	29.0%	\$ 155,613	\$ 1,556	\$ 157,169	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
26	Deere 524P	WHEEL LOADERS	PowerTech Engine (4095),Scale Counter (2201), Titan Bias 20.5x25 &rims (5109), 2.75 Cu Yd. Bkt (7816), Bolt on cutting edge (7458)	\$ 293,950	31.0%	\$ 202,826	\$ 2,028	\$ 204,854	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
27	Deere 544P	WHEEL LOADERS	PowerTech Engine (4095), Scale Counter (2201), Bias 20.5R25 Tires (5109), 2.75 Cu Yd. Bkt (7816), Bolt on cutting edge (7458)	\$ 320,561	32.0%	\$ 217,981	\$ 2,180	\$ 220,161	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
28	Deere 544G	WHEEL LOADERS	Bucket 3.0 (7877), BOCE (7458)	\$ 254,781	28.5%	\$ 182,168	\$ 1,822	\$ 183,990	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

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29	Deere 624P	WHEEL LOADERS	PowerTech Engine (4095) Scale Counter (2201) Firestone 20.5x25 (5111), 3.5 Cu. Yd. Bucket (7827), Bolt-on Cutting Edge (7458)	\$ 365,535	30.5%	\$ 254,047	\$ 2,540	\$ 256,587	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
30	Deere 644P	WHEEL LOADERS	PowerTech Engine (4069),Scale Counter (2201),23.5-25 L3 20PR Tires With 3pc. Rims (5128), 4.25 Cu. Yd. Bucket (7805), Bolt on Cutting Edge (7458)	\$ 460,242	31.0%	\$ 317,567	\$ 3,176	\$ 320,743	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
31	Deere 644G	WHEEL LOADERS	US (0202), 4.0 Cu.Yd Bucket (7835), BOCE (7458)	\$ 358,030	25.0%	\$ 268,523	\$ 2,685	\$ 271,208	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
32	Deere 644X	WHEEL LOADERS	PowerTech Engine (4096),Scale Counter (2201),Titan, 23.5-25 (5128), 4.25 Cu. Yd. Bucket (7805), Bolt On Cutting Edge (7458)	\$ 506,282	30.5%	\$ 351,866	\$ 3,519	\$ 355,385	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
33	Deere 724P	WHEEL LOADERS	PowerTech Engine (4067), Scale Counter (2201), 23.5-25 L3 20PR Tires (5128), 4.25 Cu. Yd. Bucket (7805), Bolt on Cutting Edge (7458)	\$ 487,606	29.0%	\$ 346,200	\$ 3,462	\$ 349,662	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
34	Deere 744P	WHEEL LOADERS	PowerTech Engine, 26.5-25 TITAN (5133), 5.50 Cu. Yd. GP Bucket (7879), Bolt on Cutting Edge (7458)	\$ 614,737	25.0%	\$ 461,053	\$ 4,611	\$ 465,663	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
35	Deere 824P	WHEEL LOADERS	26.5-25 TITAN Radial (5133), 6.1 Cu. Yd. Bkt (7884), Bolt on Cutting Edge (7458)	\$ 645,859	25.0%	\$ 484,394	\$ 4,844	\$ 489,238	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
36	Deere 844P	WHEEL LOADERS	PowerTech Engine, 29.5-25 TITAN Radial Tires (5140), 7.5 Cu. Yd. Bkt (7890), Bolt-on Cutting Edge (7458)	\$ 767,036	24.0%	\$ 582,947	\$ 5,829	\$ 588,777	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
SEE SCHEDULE B2 FOR OPTION PRICING													
JOHN DEERE MOTOR GRADERS													
37	Deere 620G	MOTOR GRADERS	FT4 (1145), FT4+Hyd, 1010 Antler Rack, AC (8625), 130AMP(1235), H.Disconnect (1610),Trans sol (5710),Batteries (7525)4,Tires Tires(4316)	\$ 473,491	35.0%	\$ 307,769	\$ 3,078	\$ 310,847	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
38	Deere 622G	MOTOR GRADERS	FT4 (1145), FT4+Hyd, 1010 Antler Rack, AC (8625),130AMP(1235),HydPumpDisc (1610), Batteries (7525),Tires SGG (4316)	\$ 542,839	35.0%	\$ 352,845	\$ 3,528	\$ 356,374	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
39	Deere 670G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack,130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires SGG (4316)	\$ 524,727	34.0%	\$ 346,320	\$ 3,463	\$ 349,783	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
40	Deere 672G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack,130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires SGG (4316)	\$ 580,360	34.0%	\$ 383,038	\$ 3,830	\$ 386,868	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
41	Deere 770G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack,130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires SGG (4316)	\$ 568,093	37.0%	\$ 357,899	\$ 3,579	\$ 361,478	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
42	Deere 772G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack, Moldboard 14'(2050),130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires SGG (4316)	\$ 633,200	38.0%	\$ 392,584	\$ 3,926	\$ 396,510	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
43	Deere 870G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack,130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires (4924)	\$ 619,997	35.0%	\$ 402,998	\$ 4,030	\$ 407,028	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
44	Deere 872G	MOTOR GRADERS	FT4 (1140), FT4+Hyd, 1010 Antler Rack, Moldboard 14'(2070),130AMP(1235),HydPumpDisc (1610), Valve Guard (5710),Tires (4924)	\$ 707,480	38.0%	\$ 438,638	\$ 4,386	\$ 443,024	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
SEE SCHEDULE B2 FOR OPTION PRICING													
JOHN DEERE EXCAVATORS													
45	Deere 75P	EXCAVATORS	Rubber pads (3265), 6'11" arm (7060)	\$ 153,092	25.00%	\$ 114,819	\$ 1,148	\$ 115,967	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
46	Deere 85P	EXCAVATORS	Rubber pads (3265), 6'11" arm (7060)	\$ 168,349	25.00%	\$ 126,262	\$ 1,263	\$ 127,524	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
47	Deere 130P	EXCAVATORS	Rubber pads (3265), 8'3" arm (7060)	\$ 248,956	25.00%	\$ 186,717	\$ 1,867	\$ 188,584	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
48	Deere 135P	EXCAVATORS	Triple Grouser (3200), Boom (6835), Arm (7160)	\$ 280,736	26.00%	\$ 207,745	\$ 2,077	\$ 209,822	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
49	Deere 160P	EXCAVATORS	Rear Camera (1100), Boom 16'8" (6667), Arm 8'6" (6717), Steel Track (5702), 36" HD Bucket w/ Teeth	\$ 283,232	26.00%	\$ 209,592	\$ 2,096	\$ 211,688	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
50	Deere 190GW	EXCAVATORS	All standard options	\$ 438,260	40.00%	\$ 262,956	\$ 2,630	\$ 265,586	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
51	Deere 200G	EXCAVATORS	All standard options, 36" Bucket	\$ 285,829	25.00%	\$ 214,372	\$ 2,144	\$ 216,515	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
52	Deere 210P	EXCAVATORS	All standard options, 36" Bucket	\$ 305,386	23.00%	\$ 235,147	\$ 2,351	\$ 237,499	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

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53	Deere 245P	EXCAVATORS	Triple Grouser (3325), Seat (4130), Boom (6835), Arm (7160)	\$ 389,570	29.00%	\$ 276,595	\$ 2,766	\$ 279,361	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
54	Deere 250P	EXCAVATORS	All standard options, 36" Bucket	\$ 366,808	29.00%	\$ 260,434	\$ 2,604	\$ 263,038	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
55	Deere 300P	EXCAVATORS	All standard options, 42" Bucket	\$ 421,320	28.00%	\$ 303,350	\$ 3,034	\$ 306,384	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
56	Deere 345P	EXCAVATORS	Engine(1095), Seat (4130), Boom(6835), Arm (7160), Aux hydraulics (7490)	\$ 501,944	28.00%	\$ 361,400	\$ 3,614	\$ 365,014	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
57	Deere 350P	EXCAVATORS	Engine (1095), Triple Grouser (3350), Boom (6835), Arm (7267)	\$ 485,910	27.00%	\$ 354,714	\$ 3,547	\$ 358,261	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
58	Deere 380P	EXCAVATORS	HD Boom 21'0", Arm 10'6", 32" Steel Track Triple Semi-Grouser, 48" HD Bucket w/ Teeth	\$ 513,479	26.00%	\$ 379,974	\$ 3,800	\$ 383,774	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B2 FOR OPTION PRICING

JOHN DEERE SKIDDERS

59	Deere 640L-II	GRAPPLE SKIDDER	Deere PowerTech PSS (0940), Large Fuel Tank (2420), 30.5-32 32PR Tires (4184), Less Radio (8510), Fire Extinguisher, 10 Lb (8720)	\$ 369,914	19.00%	\$ 299,630	\$ 2,996	\$ 302,627	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
60	Deere 648L-II	GRAPPLE SKIDDER	Deere PowerTech PSS (0940), Large Fuel Tank (2420), 30.5-32 32PR Tires (4184), Less Radio (8510), Fire Extinguisher, 10 Lb (8720)	\$ 406,446	19.00%	\$ 329,221	\$ 3,292	\$ 332,513	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
61	Deere 748L-II	GRAPPLE SKIDDER	Deere PowerTech PSS (0940), Large Fuel Tank (2420), 30.5-32 32PR Tires (4184), Less Radio (8510), Fire Extinguisher, 10 Lb (8720)	\$ 419,569	19.00%	\$ 339,851	\$ 3,399	\$ 343,249	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
62	Deere 768L-II	Boggie Skidder	John Deere PowerTech PSS, 30.5 W Front 780 Rear & Wheels, High Back Seat, Air Suspension, Cloth, Fire Extinguisher, 10 Lb, JD 4000 Series Two Speed Winch, Dual Function Arch with 19.1 Sq. Ft.	\$ 632,125	19.00%	\$ 512,021	\$ 5,120	\$ 517,141	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
63	Deere 848L-II	GRAPPLE SKIDDER	Deere PowerTech PSS (0940), Large Fuel Tank (2420), 30.5-32 32PR Wide Tires (4421), Less Radio (8510), Fire Extinguisher, 10 Lb (8720), Winch Controls, less Winch (7425), Rear Aux Hydraulics (7330), Utility Option (Less Boom, Arch, and Grapple) (7001)	\$ 482,956	19.00%	\$ 391,194	\$ 3,912	\$ 395,106	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
64	Deere 948L-II	GRAPPLE SKIDDER	Deere PowerTech PSS (0940), 35.5-32 30PR Wide Tires (4431), Less Radio (8510), Fire Extinguisher, 10 Lb (8720), Winch Controls, less Winch (7420)	\$ 495,872	19.00%	\$ 401,656	\$ 4,017	\$ 405,673	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B2 FOR OPTION PRICING

JOHN DEERE ARTICULATED DUMP TRUCK

65	Deere 260P ADT	Articulated Dump Truck	9451DW, Level 1 Trim (0603), Less Vision System (0950), Less Radio (1200), JDLink (183E), Less Receiver (1880)	\$ 606,168	21.0%	\$ 478,873	\$ 4,789	\$ 483,661	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
66	Deere 310P ADT	Articulated Dump Truck	9461DW, Level 1 Trim (0603), Less Vision System (0950), Less Radio (1200), JD Link (183E), Less Receiver (1880)	\$ 673,867	21.0%	\$ 532,355	\$ 5,324	\$ 537,679	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
67	Deere 410P ADT	Articulated Dump Truck	9471DW, Level 1 Trim (0601), Less Vision System (0950), Less Radio (1200), JD Link (183E), Less Receiver (1880)	\$ 843,386	22.0%	\$ 657,841	\$ 6,578	\$ 664,419	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
68	Deere 460P ADT	Articulated Dump Truck	9481DW, Level 1 Trim (0601), Bridgestone 29.5R25 E3 Radials (5143)	\$ 897,146	22.0%	\$ 699,774	\$ 6,998	\$ 706,772	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B2 FOR OPTION PRICING

TOPCON / DEERE PATH

69	TOPCON RL-H5A DB (Alkaline Battery w/LS-80X)	Laser Products	Single Slope Laser	\$ 970	20%	\$ 776	\$ 8	\$ 784	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
70	TOPCON RL-H5A RB (Rechargeable w/LS-80X)	Laser Products	Single Slope Laser	\$ 1,160	20%	\$ 928	\$ 9	\$ 937	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
71	TOPCON RL-HV1S (Single Slope) (D-Cell)	Laser Products	Single Slope Laser	\$ 2,290	20%	\$ 1,832	\$ 18	\$ 1,850	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
72	TOPCON RL-HV1S (Single Slope) (Rechargeable w/LS-100D)	Laser Products	Single Slope Laser	\$ 2,430	20%	\$ 1,944	\$ 19	\$ 1,963	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
73	TOPCON RL-HV2S (Dual Slope) (D Cell)	Laser Products	Dual Slope Lasers	\$ 2,740	20%	\$ 2,192	\$ 22	\$ 2,214	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

Item #	EQUIPMENT MAKE & MODEL:	Equipment Category	Description	List Price	Disc %	Net Price	PDI % of Discounted Price	Net Price	Set-Up Fees per hour (for additional dealer options and attachments)	Per mile from Contractor's nearest dealer location/ Minimum \$200 for all regions	1a. Western UP +\$100 for crossing the bridge	1b. Central UP +\$100 for crossing the bridge	1c. Eastern UP +\$100 for crossing the bridge
74	TOPCON RL-HV2S Dual Slope) (Rechargeable w/LS-100D)	Laser Products	Dual Slope Lasers	\$ 2,890	20%	\$ 2,312	\$ 23	\$ 2,335	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
75	TOPCON TP-L6B (Red Beam)	Laser Products	Pipe Lasers	\$ 4,940	20%	\$ 3,952	\$ 40	\$ 3,992	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
76	TOPCON TP-L6G (Green Beam)	Laser Products	Pipe Lasers	\$ 7,385	20%	\$ 5,908	\$ 59	\$ 5,967	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
77	TOPCON LS-B200	Machine Control Receivers	MC Reciever	\$ 1,470	20%	\$ 1,176	\$ 12	\$ 1,188	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
78	TOPCON LS-B200W	Machine Control Receivers	MC Reciever	\$ 2,500	20%	\$ 2,000	\$ 20	\$ 2,020	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
79	TOPCON RD-100W	Machine Control Receivers	MC Reciever	\$ 950	20%	\$ 760	\$ 8	\$ 768	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
80	TOPCON LS-B20	Machine Control Receivers	MC Reciever	\$ 820	20%	\$ 656	\$ 7	\$ 663	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
81	TOPCON LS-B20W	Machine Control Receivers	MC Reciever	\$ 1,610	20%	\$ 1,288	\$ 13	\$ 1,301	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
82	TOPCON Magmount Bracket for LS-B100 Series	Machine Control Receivers	Magnet Mount LSB Series	\$ 349	20%	\$ 279	\$ 3	\$ 282	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
83	TOPCON X-52 MCX-1 2D Excavator System	Machine Control Receivers	Standard 2D Excavator System	\$ 20,934	20%	\$ 16,747	\$ 167	\$ 16,915	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
		AIS Install		\$ 3,000	15%	\$ 2,550		\$ 2,550	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
84	TOPCON X-52 MCX-1 2D Exc sys with Laser Eye	Machine Control Receivers	Standard 2D Excavator System with Laser Eye	\$ 26,317	20%	\$ 21,054	\$ 211	\$ 21,264	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
		AIS Install		\$ 3,000	15%	\$ 2,550		\$ 2,550	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
85	TOPCON KIT, HiPer VR Base Rover Dig UHF II	GPS Receivers	GPS RTK Base Station & Rover Kit	\$ 38,580	15%	\$ 32,793	\$ 328	\$ 33,121	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
86	TOPCON KIT, HiPer VR Base Rovers FH915+	GPS Receivers	GPS RTK Base Station & Rover Kit	\$ 34,880	15%	\$ 29,648	\$ 296	\$ 29,944	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
87	TOPCON KIT, HiPer VR Network Rover	GPS Receivers	GPS RTK Rover Kit	\$ 16,590	15%	\$ 14,102	\$ 141	\$ 14,243	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
88	TOPCON FC-6000 Tablet Data Collector	Data Collectors	Topcon Data Collectos	\$ 4,090	15%	\$ 3,477	\$ 35	\$ 3,511	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
89	TOPCON Pocket 3D Software	Software	Software	\$ 1,770	15%	\$ 1,505	\$ 15	\$ 1,520	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
90	Deere PATH Universal 10N1PC	GPS receiver monitoring	GPS Mapping System	\$ 10,500	5%	\$ 9,975	\$ 500	\$ 10,475	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

*** All machine control systems priced with current model build codes. Older machine models may require additional parts & pricing.**

*** Any additional labor for machine control installation or support will be billed at \$168 per HR**

LEVEL BEST / SHARP GRADE													
91	Level Best PD-84	Grading Box	84" Grading Box	\$ 28,300	5%	\$ 26,885	\$ 500	\$ 27,385	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
92	Level Best GB-108	Grader Moldboard	9' Grader Blade	\$ 39,500	5%	\$ 37,525	\$ 500	\$ 38,025	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
93	SHARP GRADE G109	Grader - Laser Ready	9' Grader Blade - 2D ready	\$ 46,110	5%	\$ 43,805	\$ 500	\$ 44,305	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
FELLING													
94	FELLING FT-10 IT-I	TRAILER	Low Profile Tilt Deck Trailer w/ Stationary Platform	\$ 12,143	3.0%	\$ 11,779	\$ 500	\$ 12,279	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
95	FELLING FT-14 IT-I	TRAILER	Low Profile Tilt Deck Trailer w/ Stationary Platform	\$ 14,882	4.0%	\$ 14,287	\$ 500	\$ 14,787	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
96	FELLING FT-16 IT-I	TRAILER	Low Profile Tilt Deck Trailer w/ Stationary Platform	\$ 17,982	5.0%	\$ 17,083	\$ 500	\$ 17,583	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
97	FELLING FT-20-2LP Air Brakes	TRAILER	Low Profile Deck Over Tag Trailer	\$ 23,725	6.0%	\$ 22,302	\$ 500	\$ 22,802	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
98	FELLING FT-20-2LP Electric Brakes	TRAILER	Low Profile Deck Over Tag Trailer	\$ 20,813	5.0%	\$ 19,772	\$ 500	\$ 20,272	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
99	FELLING FT-20-2 TA	TRAILER	Deck Over Air Tilt Trailer	\$ 28,797	6.0%	\$ 27,069	\$ 500	\$ 27,569	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
100	FELLING FT-30-2LP Electric Brakes	TRAILER	Low Profile Deck Over Tag Trailer	\$ 28,209	7.0%	\$ 26,234	\$ 500	\$ 26,734	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
101	FELLING FT-40-2LP	TRAILER	Low Profile Deck Over Tag Trailer	\$ 31,969	7.0%	\$ 29,731	\$ 500	\$ 30,231	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
102	FELLING FT-40-2 TA	TRAILER	Deck Over Air Tilt Trailer	\$ 37,162	7.0%	\$ 34,561	\$ 500	\$ 35,061	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
103	FELLING FT-45-2LP	TRAILER	Low Profile Deck Over Tag Trailer	\$ 33,269	7.0%	\$ 30,940	\$ 500	\$ 31,440	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

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104	FELLING FT-45-3 LP Electric Brakes	TRAILER	Low Profile Deck Over Tag Trailer	\$ 38,581	8.0%	\$ 35,495	\$ 500	\$ 35,995	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
105	FELLING FT-50-3LP	TRAILER	Low Profile Deck Over Tag Trailer	\$ 42,588	8.0%	\$ 39,181	\$ 500	\$ 39,681	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
106	FELLING FT-50 -2 RGT-L	TRAILER	Rigid Gooseneck Tilt Semi Trailer	\$ 54,534	8.0%	\$ 50,171	\$ 500	\$ 50,671	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
107	FELLING FT-50-3 TA	TRAILER	Deck Over Air Tilt Trailer	\$ 47,610	8.0%	\$ 43,801	\$ 500	\$ 44,301	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
108	FELLING FT-70 MX-L	TRAILER	Rigid Gooseneck Semi Trailer	\$ 44,066	6.0%	\$ 41,422	\$ 500	\$ 41,922	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
109	FELLING FT100-3MX-L	TRAILER	Rigid Gooseneck Semi Trailer	\$ 58,147	7.0%	\$ 54,077	\$ 500	\$ 54,577	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

NOTES: A - FELLING PRICING MAY BE SUBJECT TO MARKET ADJUSTMENT AT TIME OF INVOICE**

JCB													
110	JCB 270 WHEELED	SKID STEER LOADER	Wheeled Vertical Lift Loader	\$ 54,743	4.0%	\$ 52,553	\$ 526	\$ 53,079	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
111	JCB 3TS-8W WHEELED AGRI	TELESKID WHEELED	Wheeled, Teleskid Telescopic	\$ 89,370	5.0%	\$ 84,902	\$ 849	\$ 85,751	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
112	JCB 300T TRACKED	COMPACT TRACK LOADER	Tracked Vertical Lift Loader	\$ 84,247	4.0%	\$ 80,877	\$ 809	\$ 81,686	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
113	JCB 3TS-8T TRACKED	TELESKID TRACKED	Tracked Teleskid	\$ 112,611	6.0%	\$ 105,854	\$ 1,059	\$ 106,913	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
114	JCB 3CX-14 Centermount	BACKHOE	74HP	\$ 107,544	9.5%	\$ 97,327	\$ 973	\$ 98,301	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
115	JCB 3CX-15 Centermount	BACKHOE	109HP	\$ 149,743	10.0%	\$ 134,769	\$ 1,348	\$ 136,116	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
116	JCB 4CX-14	BACKHOE	109HP, 4WD/4WS	\$ 180,583	10.0%	\$ 162,525	\$ 1,625	\$ 164,150	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
117	JCB 4CX-15	BACKHOE	109HP, 4WD/4WS	\$ 181,883	11.0%	\$ 161,876	\$ 1,619	\$ 163,495	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
118	JCB 525-60AG	LOADALL	Agri Plus, 47" forks/carriage	\$ 112,390	5.5%	\$ 106,209	\$ 1,062	\$ 107,271	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
119	JCB 532-60AG	LOADALL	Agri, 48" pallet forks	\$ 128,500	5.0%	\$ 122,075	\$ 1,221	\$ 123,296	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
120	JCB 536-95AG+	LOADALL	Agri Plus, 48" pallet forks	\$ 170,513	5.5%	\$ 161,135	\$ 1,611	\$ 162,746	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
121	JCB 538-60AG	LOADALL	Agri, 48" pallet forks	\$ 150,185	5.0%	\$ 142,676	\$ 1,427	\$ 144,103	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
122	JCB 538-60AG+	LOADALL	Agri Plus, 48" pallet forks	\$ 157,808	5.0%	\$ 149,918	\$ 1,499	\$ 151,417	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
123	JCB 542-70AG+	LOADALL	Agri Plus, 48" pallet forks	\$ 168,607	5.0%	\$ 160,177	\$ 1,602	\$ 161,778	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
124	JCB 560-80AGXtra	LOADALL	Agri Xtra, 48" pallet forks	\$ 236,208	6.0%	\$ 222,036	\$ 2,220	\$ 224,256	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
125	JCB TM220	LOADER - TELESCOPIC	Telescopic loader	\$ 135,705	5.0%	\$ 128,920	\$ 1,289	\$ 130,209	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
126	JCB TM320	LOADER - TELESCOPIC	Telescopic loader	\$ 179,827	5.0%	\$ 170,836	\$ 1,708	\$ 172,544	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
127	JCB TLT 55-28G	FORKLIFT - TELESCOPIC	2WD, LPG	\$ 64,098	0.0%	\$ 64,098	\$ 641	\$ 64,739	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
128	JCB TLT 77-52D	FORKLIFT - TELESCOPIC	4WD, DIESEL	\$ 87,422	0.0%	\$ 87,422	\$ 874	\$ 88,296	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
129	JCB TLT 77-52WM	FORKLIFT - TELESCOPIC	4WD, DIESEL, WASTE / HEAVY DUTY	\$ 90,583	0.0%	\$ 90,583	\$ 906	\$ 91,489	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
130	JCB TLT 66-40E	FORKLIFT - TELESCOPIC	2WD, ELECTRIC	\$ 83,527	0.0%	\$ 83,527	\$ 835	\$ 84,362	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
131	JCB TLT 66-44G	FORKLIFT - TELESCOPIC	4WD, LPG	\$ 76,468	0.0%	\$ 76,468	\$ 765	\$ 77,233	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
132	JCB TLT 66-38G	FORKLIFT - TELESCOPIC	2WD, LPG	\$ 67,706	0.0%	\$ 67,706	\$ 677	\$ 68,383	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
133	JCB 110W T4F	HYDRADIG -WHEELED	wheeled excavator	\$ 208,070	0.0%	\$ 208,070	\$ 2,081	\$ 210,151	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
134	JCB AJ48D	ARTICULATED BOOM LIFT	Platform height 48'4"; reach 27' 4"; diesel, 4WD	\$ 147,670	33.0%	\$ 98,939	\$ 989	\$ 99,928	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
135	JCB TD65D	ARTICULATED BOOM LIFT	Platform height 71'11"; reach 56' 6"; diesel, 4WD	\$ 244,220	33.0%	\$ 163,627	\$ 1,636	\$ 165,264					
136	JCB S1930E	ELECTRIC SCISSOR LIFT	Max Working Height 24' 9"; Electric	\$ 23,238	29.0%	\$ 16,499	\$ 165	\$ 16,664	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
137	JCB S2632E	ELECTRIC SCISSOR LIFT	Max Working Height 32' 0"; Electric	\$ 32,696	33.0%	\$ 21,906	\$ 219	\$ 22,125	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
138	JCB S3246E	ELECTRIC SCISSOR LIFT	Max Working Height 37' 10"; Electric	\$ 42,690	35.0%	\$ 27,749	\$ 277	\$ 28,026	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
139	JCB S4046E	ELECTRIC SCISSOR LIFT	Max Working Height 45' 0"; Electric	\$ 57,249	36.0%	\$ 36,639	\$ 366	\$ 37,006	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
140	JCB S4550E	ELECTRIC SCISSOR LIFT	Max Working Height 51' 10"; Electric	\$ 64,357	36.0%	\$ 41,188	\$ 412	\$ 41,600	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

GRADALL													
141	GRADALL D154 4x4	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 314,892	4.0%	\$ 302,296	\$ 3,023	\$ 305,319	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
142	GRADALL XL3100 V 4X2	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 523,968	4.0%	\$ 503,009	\$ 5,030	\$ 508,039	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

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143	GRADALL XL3100 V 4X4	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 544,620	4.0%	\$ 522,835	\$ 5,228	\$ 528,064	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
144	GRADALL XL4100 V 6X4	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 596,177	4.0%	\$ 572,330	\$ 5,723	\$ 578,053	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
145	GRADALL XL4100 V 6X6	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 612,630	4.0%	\$ 588,125	\$ 5,881	\$ 594,006	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
146	GRADALL XL5100 V 6X4	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 652,799	4.0%	\$ 626,687	\$ 6,267	\$ 632,954	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
147	GRADALL XL5200 V	CRAWLER EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 510,723	4.0%	\$ 490,294	\$ 4,903	\$ 495,197	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
148	GRADALL XL5100 V 6X6	HIGHWAY SPEED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 680,995	4.0%	\$ 614,597	\$ 6,146	\$ 620,743	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
149	GRADALL XL3200 V	CRAWLER EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 384,240	4.0%	\$ 368,870	\$ 3,689	\$ 372,559	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
150	GRADALL XL3300 V	ROUGH TERRAIN WHEELED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 432,540	4.0%	\$ 415,238	\$ 4,152	\$ 419,391	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
151	GRADALL XL4200 V	CRAWLER EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 432,587	4.0%	\$ 415,284	\$ 4,153	\$ 419,436	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
152	GRADALL XL4300 V	ROUGH TERRAIN WHEELED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 474,549	4.0%	\$ 455,567	\$ 4,556	\$ 460,123	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
153	GRADALL XL5300 V	ROUGH TERRAIN WHEELED EXCAVATOR	Tier 4, Full Tilting Telescoping Boom	\$ 537,942	4.0%	\$ 516,424	\$ 5,164	\$ 521,589	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

BROCE													
154	BROCE RJT-350	BROOM	Mid Mount broom, Self Propelled, 4 cyl. John Deere Diesel, Tier 4 Final	\$ 74,500	10.0%	\$ 67,050	\$ 671	\$ 67,721	\$ 150	\$ 6.50	\$ 1,000	\$ 800	\$ 600
155	BROCE RCT-350	BROOM	Rear Engine Self Propelled Broom, Cummins turbo diesel Tier 4 Final	\$ 69,525	10.0%	\$ 62,573	\$ 626	\$ 63,198	\$ 150	\$ 6.50	\$ 1,000	\$ 800	\$ 600
156	BROCE FMJ470	BROOM	Front Mount Self-Propelled Broom, Cab with wiper	\$ 104,990	10.0%	\$ 94,491	\$ 945	\$ 95,436	\$ 150	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

HAMM													
157	HAMM HD8VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 50,429	8.0%	\$ 46,395	\$ 464	\$ 46,859	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
158	HAMM HD 10C VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 53,000	8.0%	\$ 48,760	\$ 488	\$ 49,248	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
159	HAMM HD 10 VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 62,286	10.0%	\$ 56,057	\$ 561	\$ 56,618	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
160	HAMM HD 12 VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 64,286	10.0%	\$ 57,857	\$ 579	\$ 58,436	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
161	HAMM HD 12VO	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 77,714	11.0%	\$ 69,165	\$ 692	\$ 69,857	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
162	HAMM HD 13i VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 96,571	11.0%	\$ 85,948	\$ 859	\$ 86,808	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
163	HAMM HD 13i VO	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 113,714	12.0%	\$ 100,068	\$ 1,001	\$ 101,069	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
164	HAMM HD 14i VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 101,857	11.0%	\$ 90,653	\$ 907	\$ 91,559	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
165	HAMM HD 14i VO	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 119,429	12.0%	\$ 105,098	\$ 1,051	\$ 106,148	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
166	HAMM HD+70i VV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 187,857	14.0%	\$ 161,557	\$ 1,616	\$ 163,173	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
167	HAMM HD+90iVV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 213,429	12.0%	\$ 187,818	\$ 1,878	\$ 189,696	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
168	HAMM HD+110iVV	ASPHALT ROLLERS	Tandem Vibratory roller, No options included	\$ 223,857	12.0%	\$ 196,994	\$ 1,970	\$ 198,964	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
169	HAMM HC50i	ROLLER	Vibratory roller, No Options Included	\$ 120,286	14.0%	\$ 103,446	\$ 1,034	\$ 104,480	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
170	HAMM HC50iP	ROLLER	Vibratory roller, No Options Included	\$ 127,857	14.0%	\$ 109,957	\$ 1,100	\$ 111,057	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
171	HAMM HC70i	ROLLER	Vibratory roller, No Options Included	\$ 150,571	15.0%	\$ 127,985	\$ 1,280	\$ 129,265	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
172	HAMM HC70i P	ROLLER	Vibratory roller, No Options Included	\$ 163,000	15.0%	\$ 138,550	\$ 1,386	\$ 139,936	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
173	HAMM HC100i	ROLLER	Vibratory roller, No Options Included	\$ 189,143	15.0%	\$ 160,772	\$ 1,608	\$ 162,379	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
174	HAMM HP 180i	ROLLER	Rubber tire roller, No Options Included	\$ 194,286	12.0%	\$ 170,972	\$ 1,710	\$ 172,681	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

AIS													
175	VT 90	COMPACT ROLLERS	36" Tandem Roller	\$ 30,900	6.0%	\$ 29,046	\$ 500	\$ 29,546	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

HLA													
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Item #	EQUIPMENT MAKE & MODEL:	Equipment Category	Description	List Price	Disc %	Net Price	PDI % of Discounted Price	Net Price	Set-Up Fees per hour (for additional dealer options and attachments)	Per mile from Contractor's nearest dealer location/ Minimum \$200 for all regions	1a. Western UP +\$100 for crossing the bridge	1b. Central UP +\$100 for crossing the bridge	1c. Eastern UP +\$100 for crossing the bridge
203	HTC Model 2000	Road Widener Attachment	Hydraulic Truck Conveyor	\$ 75,436	4.0%	\$ 72,419	\$ 725	\$ 73,144	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

GENERAC													
204	Generac MTG25S	GENERATORS	Trailer, Ball Hitch, Single Axle,	\$ 43,447	20.0%	\$ 34,758	\$ 348	\$ 35,105	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
205	Generac MMG451F4	GENERATORS	Skid Mount Isuzu Fonal Tier 4	\$ 58,076	20.0%	\$ 46,461	\$ 465	\$ 46,925	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
206	Generac MMG451F4-STD3	GENERATORS	Trailer, Ball Hitch, Single Axle,	\$ 66,947	20.0%	\$ 53,558	\$ 536	\$ 54,093	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
207	Generac MMG55DF4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 69,869	20.0%	\$ 55,895	\$ 559	\$ 56,454	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
208	Generac MMG55DF4-STD3	GENERATORS	Trailer, Ball Hitch, Single Axle,	\$ 75,684	20.0%	\$ 60,547	\$ 605	\$ 61,153	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
209	Generac MDG75DG4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 96,572	20.0%	\$ 77,258	\$ 773	\$ 78,030	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
210	Generac MDG75DF4-STD3	GENERATORS	Trailer, Pintle Hitch, Tandem Axle, Brakes, Surge	\$ 110,526	20.0%	\$ 88,421	\$ 884	\$ 89,305	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
211	Generac MDG100DF4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 106,293	20.0%	\$ 85,034	\$ 850	\$ 85,885	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
212	Generac MDG100DF4 STD3	GENERATORS	Trailer, Pintle Hitch Tandem Axle, Brakes, Surge	\$ 115,616	20.0%	\$ 92,493	\$ 925	\$ 93,418	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
213	Generac MDG150DF4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 166,180	20.0%	\$ 132,944	\$ 1,329	\$ 134,273	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
214	Generac MDG150DF4-STD3	GENERATORS	Trailer, Pintle Hitch, Tandem Axle, Brakes, Surge	\$ 176,263	20.0%	\$ 141,010	\$ 1,410	\$ 142,421	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
215	Generac MDG175DP4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 171,670	20.0%	\$ 137,336	\$ 1,373	\$ 138,709	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
216	Generac MDG175DF4-STD3	GENERATORS	Trailer, Pintle Hitch, Tandem Axle, Brakes, Surge	\$ 181,811	20.0%	\$ 145,449	\$ 1,454	\$ 146,903	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
217	Generac MDT250DF4	GENERATORS	Skid Mount Deere Final Tier 4	\$ 191,772	20.0%	\$ 153,418	\$ 1,534	\$ 154,952	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
218	Generac MDT250DF4-STD3	GENERATORS	Trailer, Pintle Hitch, Tandem Axle, Brakes, Surge	\$ 201,913	20.0%	\$ 161,530	\$ 1,615	\$ 163,146	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

DIAMOND MOWERS													
219	DIAMOND PRO X 84	Mowing Attachments, SS	60- 84" wide, High Flow, Skidsteer coupler	\$ 23,689	15.0%	\$ 20,136	\$ 500	\$ 20,636	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
220	DIAMOND DRUM MULCHER DC Pro X 60	Mulching Drum, SS	DC PRO X, 60-72", Skidsteer coupler	\$ 46,338	15.0%	\$ 39,387	\$ 500	\$ 39,887	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
221	DIAMOND DISC MULCHER Pro X 60	Mulching Disc, SS	48-60", Skidsteer coupler	\$ 31,388	15.0%	\$ 26,680	\$ 500	\$ 27,180	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
222	DIAMOND STUMP GRINDER, REFLEX	Stump Grinder, SS	26" , variable flow, DRILL, SS coupler	\$ 11,626	15.0%	\$ 9,882	\$ 500	\$ 10,382	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
223	DIAMOND STUMP GRINDER, MILLER	Stump Grinder, SS	26", variable flow, DISC , SS coupler	\$ 23,262	15.0%	\$ 19,773	\$ 500	\$ 20,273	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

HUSQVARNA													
224	Husqvarna FS 400 LV	Flat Saw	Flat Saw-Honda 11.7 HP, 20" Blade Diameter Max, 7.5" Cutting Depth Max	\$ 3,049	10.0%	\$ 2,744	\$ 250	\$ 2,994	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
225	Husqvarna FS 524	Flat Saw	Flat Saw-Honda 20.8 HP, 24" Blade Diameter Max, 9.7" Cutting Depth Max	\$ 11,198	10.0%	\$ 10,078	\$ 500	\$ 10,578	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
226	Husqvarna FS 5000D	Floor Saw	Floor Saw-Diesel 47.6 HP, 36" Blade Diameter Max, 15" Cutting Depth Max	\$ 45,031	10.0%	\$ 40,528	\$ 500	\$ 41,028	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
227	Husqvarna K 770	Power Cutter	Power Cutter-5 HP, 14" Blade Diameter Max, 5" Cutting Depth Max, 22.4 lbs	\$ 1,329	10.0%	\$ 1,196	\$ 100	\$ 1,296	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
228	Husqvarna K 970	Power Cutter	Power Cutter-6.5 HP, 14" Blade Diameter Max, 5" Cutting Depth Max, 24.3 lbs	\$ 1,879	10.0%	\$ 1,691	\$ 100	\$ 1,791	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

SEE SCHEDULE B3 FOR OPTIONS PRICING

WALK-N-ROLL													
229	Walk-n-Roll -WR90 Series 3	Packer/Roller	90" Packing Width, 6 Walking Beams, 12 Roller Tires	\$ 27,150	5.0%	\$ 25,793	\$ 500	\$ 26,293	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
230	Walk-n-Roll -WR105 Series 3	Packer/Roller	105" Packing Width, 7 Walking Beams, 14 Roller Tires	\$ 30,750	5.0%	\$ 29,213	\$ 500	\$ 29,713	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
231	Walk-n-Roll -WR90-24RL Hydra-Slide	Packer/Roller	90" Packing Width, 6 Walking Beams, 12 Roller Tires, 24" RL Side-Shift	\$ 33,090	5.0%	\$ 31,436	\$ 500	\$ 31,936	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
232	Walk-n-Roll -WR90-36R Hydra-Slide	Packer/Roller	90" Packing Width, 6 Walking Beams, 12 Roller Tires, 36" RH Side-Shift	\$ 33,090	5.0%	\$ 31,436	\$ 500	\$ 31,936	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600

Item #	EQUIPMENT MAKE & MODEL:	Equipment Category	Description	List Price	Disc %	Net Price	PDI % of Discounted Price	Net Price	Set-Up Fees per hour (for additional dealer options and attachments)	Per mile from Contractor's nearest dealer location/ Minimum \$200 for all regions	1a. Western UP +\$100 for crossing the bridge	1b. Central UP +\$100 for crossing the bridge	1c. Eastern UP +\$100 for crossing the bridge
233	Walk-n-Roll -WR90 Oscillator	Packer/Roller	90" Packing Width, 6 Walking Beams, 12 Roller Tires, 2 Piece Sub Frame	\$ 31,590	5.0%	\$ 30,011	\$ 500	\$ 30,511	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
234	Walk-n-Roll -WR90 24"RL or 36" R Oscillator	Packer/Roller	90" Packing Width, 6 Walking Beams, 12 Roller Tires, 2 Piece Sub Frame, 24" RL or 36" RH Side-Shift	\$ 36,590	5.0%	\$ 34,761	\$ 500	\$ 35,261	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
235	Walk-n-Roll -WR105 24"RL or 36" R	Packer/Roller	105" Packing Width, 7 Walking Beams, 14 Roller Tires, 24" RL or 36" RH Side-Shift	\$ 35,290	5.0%	\$ 33,526	\$ 500	\$ 34,026	\$ 168	\$ 6.50	\$ 1,000	\$ 800	\$ 600
SEE SCHEDULE B3 FOR OPTIONS PRICING													

1086D	D21P	BULLDOZERS	N/A	\$ 495.00	\$ 1,395.00	\$ 3,990.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1086M	JD450 LGP	BULLDOZERS	N/A	\$ 635.00	\$ 1,695.00	\$ 4,690.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1086W	D39P / JD650 LGP	BULLDOZERS	N/A	\$ 735.00	\$ 1,995.00	\$ 5,790.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1087D	D51PX / JD700LGP	BULLDOZERS	N/A	\$ 985.00	\$ 2,895.00	\$ 8,490.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1087M	D51PXi-22 Integrated GPS	BULLDOZERS	N/A	\$ 1,595.00	\$ 4,750.00	\$ 13,990.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1087W	D61P / JD750 LGP	BULLDOZERS	N/A	\$ 1,195.00	\$ 3,595.00	\$ 10,590.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1088D	D61PXi-23 Integrated GPS	BULLDOZERS	N/A	\$ 1,875.00	\$ 5,550.00	\$ 16,250.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1088M	JD850 WLT or LGP	BULLDOZERS	N/A	\$ 1,545.00	\$ 4,595.00	\$ 14,250.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1088W	D65PXi-18 Integrated GPS	BULLDOZERS	N/A	\$ 2,095.00	\$ 6,250.00	\$ 18,690.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1089D	DOZER RAKE - JD650/JD700	BULLDOZERS	N/A	\$ 325.00	\$ 695.00	\$ 1,890.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1089M	DOZER WINCH, ADD	BULLDOZERS	N/A	\$ 375.00	\$ 725.00	\$ 1,990.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1089W	Komatsu CD60R	ARTICULATED TRUCKS	N/A	\$ 915.00	\$ 2,625.00	\$ 7,690.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1090D	Morooka MST-300VD	ARTICULATED TRUCKS	N/A	\$ 375.00	\$ 995.00	\$ 3,190.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1090M	Morooka MST-1500VD	ARTICULATED TRUCKS	N/A	\$ 985.00	\$ 2,995.00	\$ 8,790.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1090W	Morooka MST-2200VD	ARTICULATED TRUCKS	N/A	\$ 1,195.00	\$ 3,495.00	\$ 10,350.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1091D	Morooka MST-2200VDR	ARTICULATED TRUCKS	N/A	\$ 1,395.00	\$ 4,395.00	\$ 13,350.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1091M	Morooka MST-3000VD	ARTICULATED TRUCKS	N/A	\$ 1,395.00	\$ 4,395.00	\$ 13,350.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1091W	JD250D	ARTICULATED TRUCKS	N/A	\$ 1,195.00	\$ 3,495.00	\$ 10,590.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1092D	HM300, D300	ARTICULATED TRUCKS	N/A	\$ 1,595.00	\$ 4,695.00	\$ 13,990.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1092M	HM350, D350, JD370E	ARTICULATED TRUCKS	N/A	\$ 1,995.00	\$ 5,545.00	\$ 16,990.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1092W	2000 GI on road water truck	ARTICULATED TRUCKS	N/A	\$ 595.00	\$ 1,685.00	\$ 4,390.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00
1093D	4000 GI on road water truck	ARTICULATED TRUCKS	N/A	\$ 745.00	\$ 2,195.00	\$ 6,490.00	15%	\$ 6.50	\$ 3,400.00	\$ 2,600.00	\$ 2,200.00	\$ 1,400.00	\$ 2,000.00	\$ 1,600.00	\$ 1,400.00	\$ 1,600.00	\$ 1,600.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,400.00



STATE OF MICHIGAN PROCUREMENT
 Department of Technology, Management, and Budget
 320 South Walnut, Lansing, Michigan 48933
 P.O. Box 30026 Lansing, Michigan 48909

NOTICE OF CONTRACT

NOTICE OF CONTRACT NO. **240000000158**

between

THE STATE OF MICHIGAN

and

CONTRACTOR	AIS CONSTRUCTION EQUIPMENT CORP
	56555 Pontiac Trail
	New Hudson, MI 48165
	Greg Doyal
	(810) 499-1332
	gdoyal@aisequip.com
	CV0020668

STATE	Program Manager	Scott Poyer	MDOT
		(517) 284-6448	
		Poyers@michigan.gov	
STATE	Contract Administrator	Yvon Dufour	DTMB
		(517) 249-0455	
		dufoury@michigan.gov	

CONTRACT SUMMARY

DESCRIPTION: Purchase, Rental, Parts, and Maintenance & Repair for Agricultural, Grounds, Turf, Earth Moving, and Roadside, Maintenance Equipment

INITIAL EFFECTIVE DATE	INITIAL EXPIRATION DATE	INITIAL AVAILABLE OPTIONS	EXPIRATION DATE BEFORE CHANGE(S) NOTED BELOW
January 16, 2024	January 16, 2029	5, one year	
PAYMENT TERMS		DELIVERY TIMEFRAME	
45 Days			
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
F.O.B. Destination			
MISCELLANEOUS INFORMATION			
THIS IS NOT AN ORDER: This Contract Agreement is awarded on the basis of our inquiry bearing the solicitation #230000002854. Orders for delivery will be issued directly by the Department in accordance to Schedule A, section 9.1 Authorizing Document.			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION			\$15,000,000.00

FOR THE CONTRACTOR:

AIS CONSTRUCTION EQUIPMENT CORP
Company Name

Authorized Agent Signature

Authorized Agent (Print or Type)

Date

FOR THE STATE:

Signature

Chelsea Lugibihl – Category Director
Name & Title

DTMB Procurement
Agency

Date

STANDARD CONTRACT TERMS

This STANDARD CONTRACT (“**Contract**”) is agreed to between the State of Michigan (the “**State**”) and AIS Construction Equipment Corporation (“**Contractor**”), a Michigan Corporation. This Contract is effective on 1/16/2024 (“**Effective Date**”), and unless terminated, expires January 16, 2029 (the “**Term**”).

This Contract may be renewed for up to five (5) additional one (1) year period(s). Renewal is at the sole discretion of the State and will automatically extend the Term of this Contract. The State will document its exercise of renewal options via Contract Change Notice.

The parties agree as follows:

- 1. Duties of Contractor.** Contractor must perform the services and provide the deliverables (the “**Contract Activities**”) described in a Statement of Work, the initial Statement of Work is attached as Schedule A – Statement of Work. An obligation to provide delivery of any commodity is considered a service and is a Contract Activity.

Contractor must furnish all labor, equipment, materials, and supplies necessary for the performance of the Contract Activities unless otherwise specified in a Statement of Work.

Contractor must: (a) perform the Contract Activities in a timely, professional, safe, and workmanlike manner consistent with standards in the trade, profession, or industry; (b) meet or exceed the performance and operational standards, and specifications of the Contract; (c) provide all Contract Activities in good quality, with no material defects; (d) not interfere with the State’s operations; (e) obtain and maintain all necessary licenses, permits or other authorizations necessary for the performance of the Contract; (f) cooperate with the State, including the State’s quality assurance personnel, and any third party to achieve the objectives of the Contract; (g) return to the State any State-furnished equipment or other resources in the same condition as when provided when no longer required for the Contract; (h) assign to the State any claims resulting from state or federal antitrust violations to the extent that those violations concern materials or services supplied by third parties toward fulfillment of the Contract; (i) comply with all State physical and IT security policies and standards which will be made available upon request; and (j) provide the State priority in performance of the Contract except as mandated by federal disaster response requirements. Any breach under this paragraph is considered a material breach.

Contractor must also be clearly identifiable while on State property by wearing identification issued by the State, and clearly identify themselves whenever making contact with the State.

- 2. Notices.** All notices and other communications required or permitted under this Contract must be in writing and will be considered given and received: (a) when verified by written receipt if sent by courier; (b) when actually received if sent by mail without verification of receipt; or (c) when verified by automated receipt or electronic logs if sent by facsimile or email.

If to State:	If to Contractor:
See Contract Administrator information shown below.	GREG DOYAL 56555 PONTIAC TRAIL] NEW HUDSON, MI 48165] gdoyal@aisequip.com (810) 499-1332

3. **Contract Administrator.** The Contract Administrator, or the individual duly authorized for each party, is the only person authorized to modify any terms of this Contract, and approve and execute any change under this Contract (each a “**Contract Administrator**”):

State:	Contractor:
Yvon Dufour 300-320 South Walnut Street, Elliot Larsen Building, 2 nd Floor. Lansing, MI 48933 dufoury@michigan.gov (517) 249-0455	GREG DOYAL 56555 PONTIAC TRAIL] NEW HUDSON, MI 48165] gdoyal@aisequip.com (810) 499-1332

4. **Program Manager.** The Program Manager for each party will monitor and coordinate the day-to-day activities of the Contract (each a “**Program Manager**”):

State:	Contractor:
Scott Poyer Poyers@michigan.gov (517) 284-6448	Greg Doyal SE Michigan Sales 56555 Pontiac Trail New Hudson, MI 48165 (810) 499-1332 gdoyal@aisequip.com Jeff Ely SW Michigan Sales 3600 Grand River Ave Lansing, MI 48906 (517) 204-2127 jely@aisequip.com Dan Novak Northern Michigan Sales 8300 M-72 East Williamsburg, MI 49690 (231) 631-6168 dnovak@aisequip.com Craig Vick

	SE Michigan Sales 56555 Pontiac Trail New Hudson, MI 48165 (586) 634-2760 cvick@aisequip.com
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5. Performance Guarantee. Contractor must at all times have financial resources sufficient, in the opinion of the State, to ensure performance of the Contract and must provide proof upon request. The State may require a performance bond (as specified in a Statement of Work) if, in the opinion of the State, it will ensure performance of the Contract.

6. Insurance Requirements.
 See Schedule C

7. Administrative Fee and Reporting Contractor must pay an administrative fee of **1%** on all payments made to Contractor under the Contract including transactions with the State (including its departments, divisions, agencies, offices, and commissions), MiDEAL members, and other states (including governmental subdivisions and authorized entities). Administrative fee payments must be made online by check or credit card at: <https://www.thepayplace.com/mi/dtmb/adminfee>

Contractor must submit an itemized purchasing activity report, which includes at a minimum, the name of the purchasing entity and the total dollar volume in sales. Reports should be mailed to MiDeal@michigan.gov.

The administrative fee and purchasing activity report are due within 30 calendar days from the last day of each calendar quarter.

8. Extended Purchasing Program. This contract is extended to MiDEAL members. MiDEAL members include local units of government, school districts, universities, community colleges, and nonprofit hospitals. A current list of MiDEAL members is available at www.michigan.gov/mideal.

Upon written agreement between the State and Contractor, this contract may also be extended to: (a) other states (including governmental subdivisions and authorized entities) and (b) State of Michigan employees.

If extended, Contractor must supply all Contract Activities at the established Contract prices and terms. The State reserves the right to impose an administrative fee and negotiate additional discounts based on any increased volume generated by such extensions.

Contractor must submit invoices to, and receive payment from, extended purchasing program members on a direct and individual basis.

9. Relationship of the Parties. The relationship between the parties is that of independent contractors. Contractor, its employees, and agents will not be considered employees of the State. No partnership or joint venture relationship is created by virtue of this Contract. Contractor, and not the State, is responsible for the payment of wages, benefits and taxes of Contractor’s employees and any

subcontractors. Prior performance does not modify Contractor's status as an independent contractor. Neither party has authority to contract for nor bind the other party in any manner whatsoever.

- 10. Intellectual Property Rights.** If a Statement of Work requires Contractor to create any intellectual property, Contractor hereby acknowledges that the State is and will be the sole and exclusive owner of all right, title, and interest in the Contract Activities and all associated intellectual property rights, if any. Such Contract Activities are works made for hire as defined in Section 101 of the Copyright Act of 1976. To the extent any Contract Activities and related intellectual property do not qualify as works made for hire under the Copyright Act, Contractor will, and hereby does, immediately on its creation, assign, transfer and otherwise convey to the State, irrevocably and in perpetuity, throughout the universe, all right, title and interest in and to the Contract Activities, including all intellectual property rights therein.
- 11. Subcontracting.** Contractor may not delegate any of its obligations under the Contract without the prior written approval of the State. Contractor must notify the State at least 90 calendar days before the proposed delegation and provide the State any information it requests to determine whether the delegation is in its best interest. If approved, Contractor must: (a) be the sole point of contact regarding all contractual matters, including payment and charges for all Contract Activities; (b) make all payments to the subcontractor; and (c) incorporate the terms and conditions contained in this Contract in any subcontract with a subcontractor. Contractor remains responsible for the completion of the Contract Activities, compliance with the terms of this Contract, and the acts and omissions of the subcontractor. The State, in its sole discretion, may require the replacement of any subcontractor.
- 12. Staffing.** The State's Contract Administrator may require Contractor to remove or reassign personnel providing services by providing a notice to Contractor.
- 13. Background Checks.** Pursuant to Michigan law, all agencies subject to IRS Pub. 1075 are required to ask the Michigan State Police to perform fingerprint background checks on all employees, including Contractor and Subcontractor employees, who may have access to any database of information maintained by the federal government that contains confidential or personal information, including, but not limited to, federal tax information. Further, pursuant to Michigan law, any agency described above is prohibited from providing Contractors or Subcontractors with the result of such background check. For more information, please see Michigan Public Act 427 of 2018. Upon request, or as may be specified in a Statement of Work, Contractor must perform background checks on all employees and subcontractors and its employees prior to their assignment. The scope is at the discretion of the State and documentation must be provided as requested. Contractor is responsible for all costs associated with the requested background checks. The State, in its sole discretion, may also perform background checks.
- 14. Assignment.** Contractor may not assign this Contract to any other party without the prior approval of the State. Upon notice to Contractor, the State, in its sole discretion, may assign in whole or in part, its rights or responsibilities under this Contract to any other party. If the State determines that a novation of the Contract to a third party is

necessary, Contractor will agree to the novation and provide all necessary documentation and signatures.

- 15. Change of Control.** Contractor will notify the State, within 30 days of any public announcement or otherwise once legally permitted to do so, of a change in Contractor's organizational structure or ownership. For purposes of this Contract, a change in control means any of the following: (a) a sale of more than 50% of Contractor's stock; (b) a sale of substantially all of Contractor's assets; (c) a change in a majority of Contractor's board members; (d) consummation of a merger or consolidation of Contractor with any other entity; (e) a change in ownership through a transaction or series of transactions; (f) or the board (or the stockholders) approves a plan of complete liquidation. A change of control does not include any consolidation or merger effected exclusively to change the domicile of Contractor, or any transaction or series of transactions principally for bona fide equity financing purposes.

In the event of a change of control, Contractor must require the successor to assume this Contract and all of its obligations under this Contract.

- 16. Ordering.** Contractor is not authorized to begin performance until receipt of authorization as identified in a Statement of Work.
- 17. Acceptance.** Contract Activities are subject to inspection and testing by the State within 30 calendar days of the State's receipt of them ("**State Review Period**"), unless otherwise provided in a Statement of Work. If the Contract Activities are not fully accepted by the State, the State will notify Contractor by the end of the State Review Period that either: (a) the Contract Activities are accepted but noted deficiencies must be corrected; or (b) the Contract Activities are rejected. If the State finds material deficiencies, it may: (i) reject the Contract Activities without performing any further inspections; (ii) demand performance at no additional cost; or (iii) terminate this Contract in accordance with Section 24, Termination for Cause.

Within 10 business days from the date of Contractor's receipt of notification of acceptance with deficiencies or rejection of any Contract Activities, Contractor must cure, at no additional cost, the deficiency and deliver unequivocally acceptable Contract Activities to the State. If acceptance with deficiencies or rejection of the Contract Activities impacts the content or delivery of other non-completed Contract Activities, the parties' respective Program Managers must determine an agreed to number of days for re-submission that minimizes the overall impact to the Contract. However, nothing herein affects, alters, or relieves Contractor of its obligations to correct deficiencies in accordance with the time response standards set forth in this Contract.

If Contractor is unable or refuses to correct the deficiency within the time response standards set forth in this Contract, the State may cancel the order in whole or in part. The State, or a third party identified by the State, may perform the Contract Activities and recover the difference between the cost to cure and the Contract price plus an additional 10% administrative fee.

- 18. Delivery.** Contractor must deliver all Contract Activities F.O.B. destination, within the State premises with transportation and handling charges paid by Contractor, unless

otherwise specified in a Statement of Work. All containers and packaging become the State's exclusive property upon acceptance.

- 19. Risk of Loss and Title.** Until final acceptance, title and risk of loss or damage to Contract Activities remains with Contractor. Contractor is responsible for filing, processing, and collecting all damage claims. The State will record and report to Contractor any evidence of visible damage. If the State rejects the Contract Activities, Contractor must remove them from the premises within 10 calendar days after notification of rejection. The risk of loss of rejected or non-conforming Contract Activities remains with Contractor. Rejected Contract Activities not removed by Contractor within 10 calendar days will be deemed abandoned by Contractor, and the State will have the right to dispose of it as its own property. Contractor must reimburse the State for costs and expenses incurred in storing or effecting removal or disposition of rejected Contract Activities.
- 20. Warranty Period.** The warranty period, if applicable, for Contract Activities is a fixed period commencing on the date specified in a Statement of Work. If the Contract Activities do not function as warranted during the warranty period, the State may return such non-conforming Contract Activities to the Contractor for a full refund.
- 21. Invoices and Payment.** Invoices must conform to the requirements communicated from time-to-time by the State. All undisputed amounts are payable within 45 days of the State's receipt. Contractor may only charge for Contract Activities provided as specified in a Statement of Work. Invoices must include an itemized statement of all charges. The State is exempt from State sales tax for direct purchases and may be exempt from federal excise tax, if Services purchased under this Agreement are for the State's exclusive use. Notwithstanding the foregoing, all fees are exclusive of taxes, and Contractor is responsible for all sales, use and excise taxes, and any other similar taxes, duties and charges of any kind imposed by any federal, state, or local governmental entity on any amounts payable by the State under this Contract.

The State has the right to withhold payment of any disputed amounts until the parties agree as to the validity of the disputed amount. The State will notify Contractor of any dispute within a reasonable time. Payment by the State will not constitute a waiver of any rights as to Contractor's continuing obligations, including claims for deficiencies or substandard Contract Activities. Contractor's acceptance of final payment by the State constitutes a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still disputed.

The State will only disburse payments under this Contract through Electronic Funds Transfer (EFT). Contractor must register with the State at <http://www.michigan.gov/SIGMAVSS> to receive electronic fund transfer payments. If Contractor does not register, the State is not liable for failure to provide payment. Without prejudice to any other right or remedy it may have, the State reserves the right to set off at any time any amount then due and owing to it by Contractor against any amount payable by the State to Contractor under this Contract.

Excluding federal government charges and terms, Contractor warrants and agrees that each of the fees, economic or product terms or warranties granted pursuant to this Contract are comparable to or better than the equivalent fees, economic or

product term or warranty being offered to any commercial or government customer (including any public educational institution within the State of Michigan) of Contractor. If Contractor enters into any arrangements with another customer of Contractor to provide the products or services, available under this Contract, under more favorable prices, as the prices may be indicated on Contractor's current U.S. and International price list or comparable document, then this Contract will be deemed amended as of the date of such other arrangements to incorporate those more favorable prices, and Contractor will immediately notify the State of such fee and formally memorialize the new pricing in a change notice.

- 22. Liquidated Damages.** Liquidated damages, if applicable, will be assessed as described in a Statement of Work. The parties understand and agree that any liquidated damages (which includes but is not limited to applicable credits) set forth in this Contract are reasonable estimates of the State's damages in accordance with applicable law. The parties acknowledge and agree that Contractor could incur liquidated damages for more than 1 event. The assessment of liquidated damages will not constitute a waiver or release of any other remedy the State may have under this Contract for Contractor's breach of this Contract, including without limitation, the State's right to terminate this Contract for cause under Section 24 and the State will be entitled in its discretion to recover actual damages caused by Contractor's failure to perform its obligations under this Contract. However, the State will reduce such actual damages by the amounts of liquidated damages received for the same events causing the actual damages. Amounts due the State as liquidated damages may be set off against any fees payable to Contractor under this Contract, or the State may bill Contractor as a separate item and Contractor will promptly make payments on such bills.
- 23. Stop Work Order.** The State may suspend any or all activities under the Contract at any time. The State will provide Contractor a written stop work order detailing the suspension. Contractor must comply with the stop work order upon receipt. Within 90 calendar days, or any longer period agreed to by Contractor, the State will either: (a) issue a notice authorizing Contractor to resume work, or (b) terminate the Contract or delivery order. The State will not pay for Contract Activities, Contractor's lost profits, or any additional compensation during a stop work period.
- 24. Termination for Cause.** (a) The State may terminate this Contract for cause, in whole or in part, if Contractor, as determined by the State: (i) endangers the value, integrity, or security of any facility, data, or personnel; (ii) becomes insolvent, petitions for bankruptcy court proceedings, or has an involuntary bankruptcy proceeding filed against it by any creditor; (iii) engages in any conduct that may expose the State to liability; (iv) breaches any of its material duties or obligations under this Contract; or (v) fails to cure a breach within the time stated by the State in a notice of breach, if in its sole discretion the State has chosen to provide a time to cure. Any reference to specific breaches being material breaches within this Contract will not be construed to mean that other breaches are not material.
- (b) If the State terminates this Contract under this Section, the State will issue a termination notice specifying whether Contractor must: (i) cease performance immediately. Contractor must submit all invoices for Contract Activities accepted by

the State within 30 days of the date of termination. Failure to submit an invoice within that timeframe will constitute a waiver by Contractor for any amounts due to Contractor for Contract Activities accepted by the State under this Contract or (ii) continue to perform for a specified period. If it is later determined that Contractor was not in breach of the Contract, the termination will be deemed to have been a Termination for Convenience, effective as of the same date, and the rights and obligations of the parties will be limited to those provided in Section 25, Termination for Convenience.

The State will only pay for amounts due to Contractor for Contract Activities accepted by the State on or before the date of termination, subject to the State's right to set off any amounts owed by the Contractor for the State's reasonable costs in terminating this Contract. Contractor must promptly reimburse to the State any fees prepaid by the State prorated to the date of such termination, including any prepaid fees. The Contractor must pay all reasonable costs incurred by the State in terminating this Contract for cause, including administrative costs, attorneys' fees, court costs, transition costs, and any costs the State incurs to procure the Contract Activities from other sources.

- 25. Termination for Convenience.** The State may immediately terminate this Contract in whole or in part without penalty and for any reason or no reason, including but not limited to, appropriation or budget shortfalls. The termination notice will specify whether Contractor must: (a) cease performance of the Contract Activities immediately. Contractor must submit all invoices for Contract Activities accepted by the State within 30 days of the date of termination. Failure to submit an invoice within that timeframe will constitute a waiver by Contractor for any amounts due Contractor for Contract Activities accepted by the State under this Contract, or (b) continue to perform the Contract Activities in accordance with Section 26, Transition Responsibilities. If the State terminates this Contract for convenience, the State will pay all reasonable costs, as determined by the State, for State approved Transition Responsibilities to the extent the funds are available.
- 26. Transition Responsibilities.** Upon termination or expiration of this Contract for any reason, Contractor must, for a period of time specified by the State (not to exceed **90** calendar days), provide all reasonable transition assistance requested by the State, to allow for the expired or terminated portion of the Contract Activities to continue without interruption or adverse effect, and to facilitate the orderly transfer of such Contract Activities to the State or its designees. Such transition assistance may include, but is not limited to: (a) continuing to perform the Contract Activities at the established Contract rates; (b) taking all reasonable and necessary measures to transition performance of the work, including all applicable Contract Activities, training, equipment, software, leases, reports and other documentation, to the State or the State's designee; (c) transferring title in and delivering to the State, at the State's discretion, all completed or partially completed deliverables prepared under this Contract as of the Contract termination date; and (d) preparing an accurate accounting from which the State and Contractor may reconcile all outstanding accounts (collectively, "**Transition Responsibilities**"). This Contract will automatically be extended through the end of the transition period.

- 27. Return of State Property.** Upon termination or expiration of this Contract for any reason, Contractor must take all necessary and appropriate steps, or such other action as the State may direct, to preserve, maintain, protect, or return to the State all materials, data, property, and confidential information provided directly or indirectly to the Contractor by any entity, agent, vendor, or employee of the State.
- 28. Indemnification.** Contractor must defend, indemnify and hold the State, its departments, divisions, agencies, offices, commissions, officers, and employees harmless, without limitation, from and against any and all actions, claims, losses, liabilities, damages, costs, attorney fees, and expenses (including those required to establish the right to indemnification), arising out of or relating to: (a) any breach by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable) of any of the promises, agreements, representations, warranties, or insurance requirements contained in this Contract; (b) any infringement, misappropriation, or other violation of any intellectual property right or other right of any third party; (c) any bodily injury, death, or damage to real or tangible personal property occurring wholly or in part due to action or inaction by Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable); and (d) any acts or omissions of Contractor (or any of Contractor's employees, agents, subcontractors, or by anyone else for whose acts any of them may be liable).

The State will notify Contractor in writing if indemnification is sought; however, failure to do so will not relieve Contractor, except to the extent that Contractor is materially prejudiced. Contractor must, to the satisfaction of the State, demonstrate its financial ability to carry out these obligations.

The State is entitled to: (i) regular updates on proceeding status; (ii) participate in the defense of the proceeding; (iii) employ its own counsel; and to (iv) retain control of the defense, at its own cost and expense, if the State deems necessary. Contractor will not, without the State's prior written consent (not to be unreasonably withheld), settle, compromise, or consent to the entry of any judgment in or otherwise seek to terminate any claim, action, or proceeding.

Any litigation activity on behalf of the State, or any of its subdivisions under this Section, must be coordinated with the Department of Attorney General. An attorney designated to represent the State may not do so until approved by the Michigan Attorney General and appointed as a Special Assistant Attorney General.

The State is constitutionally prohibited from indemnifying Contractor or any third parties.

- 29. Infringement Remedies.** If, in either party's opinion, any piece of equipment, software, commodity, or service supplied by Contractor or its subcontractors, or its operation, use or reproduction, is likely to become the subject of a copyright, patent, trademark, or trade secret infringement claim, Contractor must, at its expense: (a) procure for the State the right to continue using the equipment, software, commodity, or service, or if this option is not reasonably available to Contractor, (b) replace or modify the same so that it becomes non-infringing; or (c) accept its return by the State with appropriate credits to the State against Contractor's charges and

reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

- 30. Limitation of Liability and Disclaimer of Damages. IN NO EVENT WILL THE STATE'S AGGREGATE LIABILITY TO CONTRACTOR UNDER THIS CONTRACT, REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR BY STATUTE OR OTHERWISE, FOR ANY CLAIM RELATED TO OR ARISING UNDER THIS CONTRACT, EXCEED THE MAXIMUM AMOUNT OF FEES PAYABLE UNDER THIS CONTRACT.** The State is not liable for consequential, incidental, indirect, or special damages, regardless of the nature of the action.
- 31. Disclosure of Litigation, or Other Proceeding.** Contractor must notify the State within 14 calendar days of receiving notice of any litigation, investigation, arbitration, or other proceeding (collectively, "**Proceeding**") involving Contractor, a subcontractor, or an officer or director of Contractor or subcontractor, that arises during the term of the Contract, including: (a) a criminal Proceeding; (b) a parole or probation Proceeding; (c) a Proceeding under the Sarbanes-Oxley Act; (d) a civil Proceeding involving: (1) a claim that might reasonably be expected to adversely affect Contractor's viability or financial stability; or (2) a governmental or public entity's claim or written allegation of fraud; or (3) any complaint filed in a legal or administrative proceeding alleging the Contractor or its subcontractors discriminated against its employees, subcontractors, vendors, or suppliers during the term of this Contract; or (e) a Proceeding involving any license that Contractor is required to possess in order to perform under this Contract.
- 32. State Data.** All data and information provided to Contractor by or on behalf of the State, and all data and information derived therefrom, is the exclusive property of the State ("**State Data**"); this definition is to be construed as broadly as possible. Upon request, Contractor must provide to the State, or a third party designated by the State, all State Data within 10 calendar days of the request and in the format requested by the State. Contractor will assume all costs incurred in compiling and supplying State Data. No State Data may be used for any marketing or commercial purposes.
- 33. Reserved.**
- 34. Non-Disclosure of Confidential Information.** The parties acknowledge that each party may be exposed to or acquire communication or data of the other party that is confidential, privileged communication not intended to be disclosed to third parties.
- a. Meaning of Confidential Information.** For the purposes of this Contract, the term "**Confidential Information**" means all information and documentation of a party that: (a) has been marked "confidential" or with words of similar meaning, at the time of disclosure by such party; (b) if disclosed orally or not marked "confidential" or with words of similar meaning, was subsequently summarized in writing by the disclosing party and marked "confidential" or with words of similar meaning; or, (c) should reasonably be recognized as confidential information of the disclosing party. The term "Confidential Information" does not include any information or documentation that was or is: (a) subject to disclosure under the Michigan Freedom of Information Act (FOIA); (b) already in the possession of the

receiving party without an obligation of confidentiality; (c) developed independently by the receiving party, as demonstrated by the receiving party, without violating the disclosing party's proprietary rights; (d) obtained from a source other than the disclosing party without an obligation of confidentiality; or, (e) publicly available when received, or thereafter became publicly available (other than through any unauthorized disclosure by, through, or on behalf of, the receiving party). For purposes of this Contract, in all cases and for all matters, State Data is deemed to be Confidential Information.

- b. Obligation of Confidentiality.** The parties agree to hold all Confidential Information in strict confidence and not to copy, reproduce, sell, transfer, or otherwise dispose of, give or disclose such Confidential Information to third parties other than employees, agents, or subcontractors of a party who have a need to know in connection with this Contract or to use such Confidential Information for any purposes whatsoever other than the performance of this Contract. The parties agree to advise and require their respective employees, agents, and subcontractors of their obligations to keep all Confidential Information confidential. Disclosure to a subcontractor is permissible where: (a) use of a subcontractor is authorized under this Contract; (b) the disclosure is necessary or otherwise naturally occurs in connection with work that is within the subcontractor's responsibilities; and (c) Contractor obligates the subcontractor in a written contract to maintain the State's Confidential Information in confidence. At the State's request, any employee of Contractor or any subcontractor may be required to execute a separate agreement to be bound by the provisions of this Section.
- c. Cooperation to Prevent Disclosure of Confidential Information.** Each party must use its best efforts to assist the other party in identifying and preventing any unauthorized use or disclosure of any Confidential Information. Without limiting the foregoing, each party must advise the other party immediately in the event either party learns or has reason to believe that any person who has had access to Confidential Information has violated or intends to violate the terms of this Contract and each party will cooperate with the other party in seeking injunctive or other equitable relief against any such person.
- d. Remedies for Breach of Obligation of Confidentiality.** Each party acknowledges that breach of its obligation of confidentiality may give rise to irreparable injury to the other party, which damage may be inadequately compensable in the form of monetary damages. Accordingly, a party may seek and obtain injunctive relief against the breach or threatened breach of the foregoing undertakings, in addition to any other legal remedies which may be available, to include, in the case of the State, at the sole election of the State, the immediate termination, without liability to the State, of this Contract or any Statement of Work corresponding to the breach or threatened breach.
- e. Surrender of Confidential Information upon Termination.** Upon termination of this Contract or a Statement of Work, in whole or in part, each party must, within 5 calendar days from the date of termination, return to the other party any and all Confidential Information received from the other party, or created or received by a

party on behalf of the other party, which are in such party's possession, custody, or control; provided, however, that Contractor must return State Data to the State following the timeframe and procedure described further in this Contract. Should Contractor or the State determine that the return of any Confidential Information is not feasible, such party must destroy the Confidential Information and must certify the same in writing within 5 calendar days from the date of termination to the other party. However, the State's legal ability to destroy Contractor data may be restricted by its retention and disposal schedule, in which case Contractor's Confidential Information will be destroyed after the retention period expires.

35. Reserved.

36. Reserved.

37. Reserved.

38. Records Maintenance, Inspection, Examination, and Audit. Pursuant to MCL 18.1470, the State or its designee may audit Contractor to verify compliance with this Contract. Contractor must retain and provide to the State or its designee and the auditor general upon request, all records related to the Contract through the term of the Contract and for 4 years after the latter of termination, expiration, or final payment under this Contract or any extension ("**Audit Period**"). If an audit, litigation, or other action involving the records is initiated before the end of the Audit Period, Contractor must retain the records until all issues are resolved.

Within 10 calendar days of providing notice, the State and its authorized representatives or designees have the right to enter and inspect Contractor's premises or any other places where Contract Activities are being performed, and examine, copy, and audit all records related to this Contract. Contractor must cooperate and provide reasonable assistance. If financial errors are revealed, the amount in error must be reflected as a credit or debit on subsequent invoices until the amount is paid or refunded. Any remaining balance at the end of the Contract must be paid or refunded within 45 calendar days.

This Section applies to Contractor, any parent, affiliate, or subsidiary organization of Contractor, and any subcontractor that performs Contract Activities in connection with this Contract.

39. Representations and Warranties. Contractor represents and warrants: (a) Contractor is the owner or licensee of any Contract Activities that it licenses, sells, or develops and Contractor has the rights necessary to convey title, ownership rights, or licensed use; (b) all Contract Activities are delivered free from any security interest, lien, or encumbrance and will continue in that respect; (c) the Contract Activities will not infringe the patent, trademark, copyright, trade secret, or other proprietary rights of any third party; (d) Contractor must assign or otherwise transfer to the State or its designee any manufacturer's warranty for the Contract Activities; (e) the Contract Activities are merchantable and fit for the specific purposes identified in the Contract; (f) the Contract signatory has the authority to enter into this Contract; (g) all information furnished by Contractor in connection with the Contract fairly and accurately represents Contractor's business, properties, finances, and operations as of the dates covered by the information, and Contractor will inform the State of any

material adverse changes;(h) all information furnished and representations made in connection with the award of this Contract is true, accurate, and complete, and contains no false statements or omits any fact that would make the information misleading; and that (i) Contractor is neither currently engaged in nor will engage in the boycott of a person based in or doing business with a strategic partner as described in 22 USC 8601 to 8606. A breach of this Section is considered a material breach of this Contract, which entitles the State to terminate this Contract under Section 24, Termination for Cause.

- 40. Conflicts and Ethics.** Contractor will uphold high ethical standards and is prohibited from: (a) holding or acquiring an interest that would conflict with this Contract; (b) doing anything that creates an appearance of impropriety with respect to the award or performance of the Contract; (c) attempting to influence or appearing to influence any State employee by the direct or indirect offer of anything of value; or (d) paying or agreeing to pay any person, other than employees and consultants working for Contractor, any consideration contingent upon the award of the Contract. Contractor must immediately notify the State of any violation or potential violation of these standards. This Section applies to Contractor, any parent, affiliate, or subsidiary organization of Contractor, and any subcontractor that performs Contract Activities in connection with this Contract.
- 41. Compliance with Laws.** Contractor must comply with all federal, state and local laws, rules and regulations.
- 42. Reserved.**
- 43. Reserved.**
- 44. Nondiscrimination.** Under the Elliott-Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, *et seq.*, the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, *et seq.*, and [Executive Directive 2019-09](#). Contractor and its subcontractors agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex (as defined in Executive Directive 2019-09), height, weight, marital status, partisan considerations, any mental or physical disability, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position. Breach of this covenant is a material breach of this Contract.
- 45. Unfair Labor Practice.** Under MCL 423.324, the State may void this Contract if the name of the Contractor, or the name of a subcontractor, manufacturer, or supplier of the Contractor, subsequently appears on the Unfair Labor Practice register compiled under MCL 423.322.
- 46. Governing Law.** This Contract is governed, construed, and enforced in accordance with Michigan law, excluding choice-of-law principles, and all claims relating to or arising out of this Contract are governed by Michigan law, excluding choice-of-law principles. Any dispute arising from this Contract must be resolved in the Michigan Court of Claims. Contractor waives any objections, such as lack of personal jurisdiction or *forum non conveniens*. Contractor must appoint an agent in Michigan to receive service of process.

- 47. Non-Exclusivity.** Nothing contained in this Contract is intended nor is to be construed as creating any requirements contract with Contractor, nor does it provide Contractor with a right of first refusal for any future work. This Contract does not restrict the State or its agencies from acquiring similar, equal, or like Contract Activities from other sources.

- 48. Force Majeure.** Neither party will be in breach of this Contract because of any failure arising from any disaster or acts of god that are beyond their control and without their fault or negligence. Each party will use commercially reasonable efforts to resume performance. Contractor will not be relieved of a breach or delay caused by its subcontractors. If immediate performance is necessary to ensure public health and safety, the State may immediately contract with a third party.

- 49. Dispute Resolution.** The parties will endeavor to resolve any Contract dispute in accordance with this provision. The dispute will be referred to the parties' respective Contract Administrators or Program Managers. Such referral must include a description of the issues and all supporting documentation. The parties must submit the dispute to a senior executive if unable to resolve the dispute within 15 business days. The parties will continue performing while a dispute is being resolved, unless the dispute precludes performance. A dispute involving payment does not preclude performance.

 Litigation to resolve the dispute will not be instituted until after the dispute has been elevated to the parties' senior executive and either concludes that resolution is unlikely or fails to respond within 15 business days. The parties are not prohibited from instituting formal proceedings: (a) to avoid the expiration of statute of limitations period; (b) to preserve a superior position with respect to creditors; or (c) where a party makes a determination that a temporary restraining order or other injunctive relief is the only adequate remedy. This Section does not limit the State's right to terminate the Contract.

- 50. Media Releases.** News releases (including promotional literature and commercial advertisements) pertaining to the Contract or project to which it relates must not be made without the prior written approval of the State, and then only in accordance with the explicit written instructions of the State.

- 51. Schedules.** All Schedules and Exhibits that are referenced herein and attached hereto are hereby incorporated by reference. The following Schedules are attached hereto and incorporated herein:

Document Title	Document Description
Schedule A	Statement of Work
Attachment 1 to Schedule A	Dealer List
Schedule B1 to B4	Pricing
Schedule C	Insurance Requirements

Schedule D	Specifications
Schedule E	Prosperity Regional Map
Schedule F	Trailer Wiring Diagram

- 52. Entire Agreement and Order of Precedence.** This Contract, which includes Statement of Work, and schedules and exhibits, is the entire agreement of the parties related to the Contract Activities. This Contract supersedes and replaces all previous understandings and agreements between the parties for the Contract Activities. If there is a conflict between documents, the order of precedence is: (a) first, this Contract, excluding its schedules, exhibits, and Statement of Work; (b) second, Statement of Work as of the Effective Date; and (c) third, schedules expressly incorporated into this Contract as of the Effective Date. NO TERMS ON CONTRACTOR’S INVOICES, ORDERING DOCUMENTS, WEBSITE, BROWSE-WRAP, SHRINK-WRAP, CLICK-WRAP, CLICK-THROUGH OR OTHER NON-NEGOTIATED TERMS AND CONDITIONS PROVIDED WITH ANY OF THE CONTRACT ACTIVITIES, OR DOCUMENTATION HEREUNDER, EVEN IF ATTACHED TO THE STATE’S DELIVERY OR PURCHASE ORDER, WILL CONSTITUTE A PART OR AMENDMENT OF THIS CONTRACT OR IS BINDING ON THE STATE OR ANY AUTHORIZED USER FOR ANY PURPOSE. ALL SUCH OTHER TERMS AND CONDITIONS HAVE NO FORCE AND EFFECT AND ARE DEEMED REJECTED BY THE STATE AND THE AUTHORIZED USER, EVEN IF ACCESS TO OR USE OF THE CONTRACT ACTIVITIES REQUIRES AFFIRMATIVE ACCEPTANCE OF SUCH TERMS AND CONDITIONS.
- 53. Severability.** If any part of this Contract is held invalid or unenforceable, by any court of competent jurisdiction, that part will be deemed deleted from this Contract and the severed part will be replaced by agreed upon language that achieves the same or similar objectives. The remaining Contract will continue in full force and effect.
- 54. Waiver.** Failure to enforce any provision of this Contract will not constitute a waiver.
- 55. Survival.** Any right, obligation or condition that, by its express terms or nature and context is intended to survive, will survive the termination or expiration of this Contract; such rights, obligations, or conditions include, but are not limited to, those related to transition responsibilities; indemnification; disclaimer of damages and limitations of liability; State Data; non-disclosure of Confidential Information; representations and warranties; insurance and bankruptcy.
- 56. Contract Modification.** This Contract may not be amended except by signed agreement between the parties (a “**Contract Change Notice**”). Notwithstanding the foregoing, no subsequent Statement of Work or Contract Change Notice executed after the Effective Date will be construed to amend this Contract unless it specifically states its intent to do so and cites the section or sections amended.

AIS CONSTRUCTION EQUIPMENT CORPORATION

SCHEDULE A – STATEMENT OF WORK CONTRACT ACTIVITIES

Contract No. 24000000158

Agricultural, Grounds, Turf, Earth Moving, and Roadside, Maintenance Equipment

SCOPE

This solicitation includes the following equipment categories for purchase, rent, and parts, maintenance & repair:

1. Agricultural Maintenance
2. Grounds Maintenance
3. Turf Maintenance
4. Earth Moving
5. Roadside Maintenance
6. Equipment Rental
7. Truck upfitting & Seasonal Maintenance Equipment

REQUIREMENTS

1.1 Product Specifications

The Contractor must provide one or more of the following:

Brands or trade names are for identification purposes only and do not limit the Contractor to such brands or trade names.

All equipment must be new. The purchase of used equipment is subject to State of Michigan Central Procurement guidelines and approval.

Specifications are as follows:

1	C03-2001CD-23 Dump Body
2	C03-2001LG-23 Lift Gate
3	C03-2001SP-23 Snow Plow
4	C03-2011CD-23 Dump Body TB FT
5	C03-20CU11-23 Utility Body
6	C03-3001CAP-23 Cap for Pickup
7	C04-SDS-23 Stake Rack Body with Scissor Hydraulic Lift and Cab Protector
8	C05-1601-23 Backhoe
9	C36-0401-4T-23 Asphalt Heater-Hauler
10	C36-Asphalt Recycler-23
11	C38-0101 CTL-23 Skid Steer Track Loader
12	C38-0101-23 Skid Steer Loader
13	C38-0101AWS-23 Skid Steer Loader
14	C38-0501LP-23 Fork Lift, Propane, 6,000 Lbs Capacity
15	C54-0001-23 Concrete Saw
16	C62-0101RB-23 Broom
17	C67-008T-23 Trailer
18	C67-20T LP-23 Trailer
19	C70-0001-23 Welder-Generator

20	C60-2001-16 Sand-Salt Spreader
21	C62-0051-23 Street Sweeper
22	C05-0901-23 Tractor Road Side
23	C05-0902-23 Tractor Road Side
24	C05-1001-23 Tractor Lawn Mower 2 Wheel steer
25	C05-1002-23 Tractor Lawn Mower 4 Wheel Steer 48-54-60 in deck
26	C05-1003-23 Zero Turn 60-72 in deck
27	C06-1001-23 Utility Vehicle 6x4
28	C06-1002-23 Utility Vehicle 4 Wheel Drive
29	C-42-0026-23 Mower, 15 ft Road Side Mechanical Drive Rotary
30	C-62-0101RB-23 Loader, 4 Wheel drive 2.25 Cubic Yard Minimum Capacity
31	38-0201HD.23 Loader, 4 Wheel drive, Articulated, 3.0 Cubic Yard Minimum Capacity
32	05-00051.23 Crawler Dozer (30hp & up)
33	30-00LT23 Light Tower, Trailer Mounted Diesel Engine
34	38-0501D-23 Fork Lift, Diesel Engine, 8,000 Lbs Capacity
35	C56-051.23 Sewer and Catch Basin Cleaner Unit
36	C42-0027.23 Mower, 15 ft Road Side Hydraulic Drive Rotary
37	C10-010DD.22 Digger Derrick, with platform Body and FG through Box Light Tower
38	C10-034AT.22 Aerial Tower, 34 Foot Working Height and Utility Body
39	C10-045AT.22 Aerial Tower, 45 Foot Working Height and Utility Body

A. EQUIPMENT FOR PURCHASE

2.1 Warranties

Describe any warranties included in this contract. Explain the process for reporting warranty issues and how the Contractor will handle any repairs or replacements.

The State reserves the right to require additional warranties other than those identified by the Contractor in its response to this RFP.

Warranties vary per manufacturer:

John Deere

- **Construction & Forestry Products:** 12 months/unlimited hours (whichever occurs first) Full Machine Standard Warranty
- **Compact Construction Equipment (CCE) Products:** 24 months or 2000 hours (whichever occurs first) Full Machine Standard Warranty
- **C&E Series Pull-Type Scrapers:** 6 months Full Machine Standard Warranty
- **DC & DE Pull-Type Scrapers:** 12 months Full Machine Standard Warranty
- **Scraper Tractors:** 24 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty
- **Forestry Attachments:** 12 Months or 2000 Hours (whichever occurs first) Full Machine Standard Warranty

Process for reporting warranty issues:

Contact the closest AIS branch or your account manager via phone or email.

Repairs or replacements:

- Repairs are made in the field or at Contractor's facility.
- Contractor responds within 24 hours.
- Machine down conditions are prioritized. Contractor provides 24/7/365 service and parts support.

2.2 Recall Requirements and Procedures

Describe any recall requirements and procedures.

Contractor tracks and notifies equipment owners regarding any manufacturer recalls.

2.3 Time Frames

Contractors shall provide information regarding standard and "quick-ship" delivery programs available for each type of equipment. Please provide the delivery time associated with each program and identify shipping program limitations.

All Contract Activities must be delivered within **120** calendar days from receipt of order. The receipt of order date is pursuant to Section 2, Notice provisions of the Standard Contract Terms. Supply chain issues may impact delivery timeframes.

2.4 Delivery

Delivery will be expected within **120** calendar days for special orders and out of stock items, and **30** calendar days for in-stock items, upon date of order. Delivery will be made to the requested location and shall be F.O.B. Delivered or charged on a mileage rate or a one-time charge by Region (see **Schedule E – Prosperity Regions**) per **Schedule B - Pricing**.

The State prefers Delivery terms that would provide unencumbered service with the most competitive rates. The Contractor must select between **A.** or **B.** below for their primary shipping method.

A. F.O.B. Delivered Items

Prices shall be quoted "F.O.B. Delivered" with transportation charges prepaid on ALL orders for State of Michigan and Extended Purchasing Participants. These terms apply to **ALL** locations in the State of Michigan. Other F.O.B. terms will not be accepted and may disqualify a dealer from further consideration.

B. F.O.B. Dealership Items

Prices shall be quoted "F.O.B. Dealership" with transportation charges prepaid to the primary Contractor location on all orders for State of Michigan and Extended Purchasing Participants. Contractors must also quote a delivery cost per **Schedule B – Pricing**, to facilitate calculation of delivery cost to various locations within Michigan. The delivery cost per **Schedule B – Pricing**, will be added to the equipment price quoted to determine the "Total Price" for "F.O.B. Dealership" items. Mileage will be calculated based upon the "Official Michigan Department of Transportation Highway Map". Other F.O.B. terms will not be accepted and may disqualify a dealer from further consideration. The State reserves the right to make their own shipping arrangements.

Freight Charges - Should an Agency order items that are below the minimum order requirement of the Contract or should a Contractor quote F.O.B. Shipping Point on one-time purchases, the Contractor should choose the most economically advantageous carrier and must be approved by the using agency.

United Parcel Service (UPS) must be used in instances where the weight of the shipment is less than 150 lbs., or where shipments could be separated into smaller parcels such as three (3) 50 lb. packages.

If the Contractor fails to follow these shipping instructions, the State shall pay the shipping costs on the Contractor's invoice, minus the difference for the amount that was charged and the amount that would have been charged if the requested carrier had been used. The State reserves the right to arrange their own freight.

Contractor's must provide freight deliveries during the following times: 8 am to 3 pm Eastern, Monday through Friday.

2.5 Training

The Contractor must provide the following training:

A comprehensive orientation training shall be provided at delivery or at an alternate time requested by the State. The training shall include equipment operation, maintenance, and inspection practices. Upon request, the Contractor shall provide up to 8 hours of mechanics and operators training to up to eight (8) employees. The training is to be held at each ship to address. The Contractor shall provide unit pricing for training in **Schedule B, Pricing.**

B. EQUIPMENT FOR RENTAL

3.1 Specifications

- a) The Contractor shall provide equipment for rental that is similar in scope to equipment included in **Schedule D, Specifications.**
- b) Brand or trade names referred to herein are for identification purposes only, and do not limit the Contractor to such brands, provided alternates offered are equal in quality and function to those specified.
- c) In addition, the Contractor shall provide a complete list of equipment available for rental by category (e.g. loaders, dozers, sweepers, etc.) in **Schedule B – Pricing, Catalog Pricing for Rental.**

The list shall include:

- i. Daily, weekly, and monthly rental rates.
- ii. Percentage discount offered by category for such rates.
- iii. Only listed items that meet these requirements shall be included under this contract.

The Contractor must provide deliverables, including the staffing to accomplish all service incidentals necessary to complete the work, as set forth in this solicitation.

- a) The Contractor must provide make and model of all equipment offered for rental. Brand or trade names provided by the Contractor are for identification purposes, and do not limit the Contractor to such brands, provided alternates offered are equal in quality and function to those specified.
- b) All rental equipment is to meet or exceed applicable federal and state safety standards as mandated by OSHA, and MIOSHA Motor Carrier Division. This equipment is to meet or exceed

applicable American National Standards Institute (ANSI) specifications. The Contractor will provide written documentation guaranteeing compliance with all safety standards.

- c) The Contractor shall provide written documentation confirming satisfactory testing on equipment where mandated by law (to include but not limited to: stress testing, dielectric testing, visual inspections) completed by a licensed and reputable testing firm.
- d) Rental equipment shall be no more than four (4) years old.

3.2 Availability and Delivery of Equipment

- a) All requested orders must be delivered within two (2) calendar days/48 hours after receipt of order.
- b) Emergencies will be responded to within one (1) to six (6) hours. Equipment shall be available as both F.O.B. delivered and F.O.B. pick-up.
- c) No premium rates will be charged for delivery after normal business hours.
- d) Rental equipment items shall be fully fueled and operational at the time of pick-up or delivery.
- e) The Contractor will be required to perform a walk-around equipment inspection at the time of delivery and pickup.
- f) The Contractor (or their designee) and the Program Manager (or their designee) shall document the inspection by mutual execution of an inspection document provided by the Contractor.
- g) The Purchasing Entity is responsible for refueling all rented equipment upon its return.

3.3 Maintenance/Service

- a) The Contractor will be responsible for all maintenance/service necessary to maintain satisfactory operation of rental equipment at no cost to the Purchasing Entity.
- b) Equipment shall be serviced according to manufacturer specifications. The Contractor shall maintain an equipment schedule for service and retain complete lifetime service records for all equipment.
- c) If a repair is needed and requires the piece of equipment to be out of service, the Contractor shall provide a replacement.
- d) Contractor will maintain a Dedicated Product Support Department to ensure proper function of rented equipment.
- e) On-site maintenance must be performed according to the recommended manufacturer maintenance schedule.

3.4 Training

The Contractor must provide the following training:

An orientation training shall be provided upon request at the time of delivery. The training shall be deemed sufficient by the Purchasing Entity, to include detailed equipment operation and minor maintenance and inspection practices.

C. PARTS, MAINTENANCE & REPAIR

4.1 Parts

Quality of Parts under these specifications should be name brand, nationally advertised merchandise. Equivalent substitutions must be approved by the agency contact person. Aftermarket Repair parts must be equal to or exceed Contractor original equipment manufacturers (OEM) specifications. Repair parts must be packaged and distributed under their respective nationally known name brands. All rebuilt or remanufactured parts must meet the same requirements as listed above. Some repair parts may be required to be original equipment manufacturer repair parts Contractor's dealer network must carry a complete line of OEM parts for all models of equipment they carry. Preservation, packaging, and packing and marking will be in accordance with best commercial practice to provide adequate protection against shipping damage.

4.2 Warranty/Buy Back

Contractors are required to provide any buy-back, trade-in, or exchange policy concerning repair parts sold to Purchasing Entities. Contractor shall correct ordering errors without further cost to the Purchasing Entity. A copy of the Warranty shall be included for replacement parts purchased.

4.3 Maintenance/Repair Facilities

Repair Facilities that will perform the warranty work of items under this Contract shall be identified as the Supplier's dealer network. The manufacturer, whether contracted directly, or associated with the Distributer by certified letter, is responsible for ensuring that the facilities are able to adhere to the contract requirements for warranty work performance.

D. GENERAL REQUIREMENTS

5.1 Incentives

Multi-unit discounts, competitive trade-in values, no travel costs for field service performed within the manufacturer's warranty coverage, 24/7/365 parts and service support.

5.2 Transition

Post-Contract Transition: Invoices must be sent within 45 days after expiration of contract. Any invoices received after 45 days will result in a non-payment of invoice.

6.1 Technical Support and Repairs

When providing technical support, the Call Center must resolve the caller's issue within 30 minutes. If the caller's issue cannot be resolved within 2 hours, on-site service must be scheduled. The on-site service must be performed within 36 hours of the time the issue was scheduled for service.

6.2 Reporting

The Contractor must submit to the Contract Administrator or their designee, the following written reports:

- a) *Maintenance/service report*
- b) *Regional rental report*
- c) *Regional purchase report*

By the second Friday of every December, the Contractor must submit a report of recycled content in commodities sold in that calendar year to **the Contract Administrator or their Designee, DTMB Procurement.**

6.3 Meetings

The Contractor must attend the following meetings:

- a) Kick-off meeting within 30 calendar days of the Effective Date.
- b) The State may request other meetings as it deems appropriate.

7 Staffing

7.1 Contractor Representative

The Contractor must appoint Product Representative specifically assigned to State of Michigan accounts who will respond to State inquiries regarding the Contract Activities, answer questions related to ordering and delivery, etc. (the "Contractor Representative").

The Contractor must notify the Contract Administrator at least 30 calendar days before removing or assigning a new Contractor Representative.

7.2 Key Personnel

The Contractor must appoint one individual who will be directly responsible for the day-to-day operations of the Contract ("Key Personnel"). Key Personnel must be specifically assigned to the State account, be knowledgeable on the contractual requirements, and respond to State inquiries within 24 hours.

Contractor's Key Personnel must be available during the following times: 8 am to 5 pm Eastern, Monday through Friday, at a minimum.

The Contractor may not remove or assign Key Personnel without the prior consent of the State. Prior consent is not required for reassignment for reasons beyond the Contractor's control, including illness, disability, death, leave of absence, personal emergency circumstances, resignation, or termination for cause. The State may request a résumé and conduct an interview before approving a change. The State may require a 30-calendar day training period for replacement personnel.

The Contractor must identify the Key Personnel, indicate where they will be physically located, describe the functions they will perform, and provide current chronological résumés.

Key Personnel:

Lori Meyers
Administrative / Finance Manager
65809 Gratiot
Lenox, MI 48050
(586) 727-7502
lmeyers@aisequip.com

Contractor Representative:

Greg Doyal
SE Michigan Sales
56555 Pontiac Trail
New Hudson, MI 48165
(810) 499-1332
gdoyal@aisequip.com

Other Dedicated Governmental Representatives:

Jeff Ely
 SW Michigan Sales
 3600 Grand River Ave
 Lansing, MI 48906
 (517) 204-2127
jely@aisequip.com

Dan Novak
 Northern Michigan Sales
 8300 M-72 East
 Williamsburg, MI 49690
 (231) 631-6168
dnovak@aisequip.com

Craig Vick
 SE Michigan Sales
 56555 Pontiac Trail
 New Hudson, MI 48165
 (586) 634-2760
cvick@aisequip.com

Jeff Price
 Governmental Sales Manager
 600 AIS Drive SW
 Grand Rapids, MI 49548
 (616) 538-2400
jprice@aisequip.com

7.3 Non-Key Personnel

The Contractor must notify the Contract Administrator at least 10-calendar days before removing or assigning non-key personnel.

7.4 Organizational Chart

Location	Employee			Job Title	Dept	Manager
	First	MI	Last			
Corporate	Larry	L	Behrenwald	Principal Owners	CORPORATE	
Corporate	James	F	Behrenwald	Principal Owners	CORPORATE	Behrenwald, Larry
Corporate	Michelle	L	Behrenwald	Company Officers	MCS	Behrenwald, Larry
Corporate	David	P	Riccius	Company Officers	MCS	Behrenwald, James
Corporate	Jeffrey	B	Price	Mgr/Branch&Op	CFC	Behrenwald, James
Corporate	Connie	S	Looks	Professionals/Accounting	CORPORATE	Riccius, David
Corporate	Darcie	N	Graveling	Professionals/Accounting	CORPORATE	Riccius, David
Corporate	Eric	M	Poll	Professionals/Accounting	CORPORATE	Riccius, David
Corporate	Jared	R	Katerberg	Professionals/Accounting	CORPORATE	Riccius, David
Corporate	Linda	C	Gridley	Professionals/Accounting	CORPORATE	Riccius, David
Corporate	Mary	J	Gaiimo	Professionals/Accounting	CORPORATE	Riccius, David

Corporate	Jessi	N	Lowry	Admin Support Personnel/Clerical	CORPORATE	Riccius, David
Corporate	Laura	M	Thelen	Admin Support Personnel/Clerical	CORPORATE	Riccius, David
Corporate	Riley	M	Price	Admin Support Personnel/Clerical	CORPORATE	Riccius, David
Corporate	Wendy	R	Cahoon	Admin Support Personnel/Clerical	CORPORATE	Riccius, David
Corporate	Jorge		Martinez	IT/Computer Dept Personnel	IT DEPT	Riccius, David
Corporate	Samuel	R	Sietsema	IT/Computer Dept Personnel	IT DEPT	Riccius, David
Corporate	Thomas	A	Pickel	IT/Computer Dept Personnel	IT DEPT	Riccius, David
Corporate	Barbara	M	Visser	IT/Computer Dept Personnel	IT DEPT	Riccius, David
Corporate	Jacqueline	A	White	Human Resources	MCS	Riccius, David
Corporate	Shirley	A	Yeiter	Human Resources	MCS	Riccius, David
Engines	Paul	A	Hessler	Service Managers	MACHINE SHOP ENG	Burgtorf, Michael
Grand Rapids - CRC	David	S	Terbeek	Mgr/Branch&Op	RENTAL MGRS GR	Behrenwald, James
Grand Rapids - CRC	Alexander	M	Vankampen	Sales Professional	RENTAL SALES GR	Kamyszek, Scott
Grand Rapids - CRC	Matthew	L	Rinkey	Sales Professional	RENTAL SALES GR	Terbeek, David
Lansing - CRC	Corey	J	King	Sales Professional	RENTAL SALES LAN	Terbeek, David
Lansing - CRC	David	R	Bonnee	Rental Managers	RENTAL MGRS LAN	Terbeek, David
New Hudson - CRC	Michael	S	Schuyler	Mgr/Branch&Op	RENTAL SALES NH	Terbeek, David
Richmond - CRC	Adam	M	Harding	Sales Professional	RENTAL SALES RIC	Terbeek, David
Saginaw - CRC	Jeffrey	S	Hammis	Sales Professional	RENTAL SALES SAG	Terbeek, David
Grand Rapids	Robert		Allison	Company Officers	CORPORATE US	Behrenwald, James
Grand Rapids	Michael	J	Burgtorf	Service Managers	SERVICE SHOP - GR	Hoffman, Jon
Grand Rapids	William	H	Burt	Service Managers	GRADE CONTROL US	Hoffman, Jon
Grand Rapids	Blake	J	Henning	Sales Professional	GRADE CONTROL - GR	Burt, William
Grand Rapids	Shawn	L	O'Mara	Mgr/Branch&Op	SALES - AGGREGATE GR	Johnson, Kraig
Grand Rapids	Michael	G	Dow	Sales Professional	Sales - Paving - GR	O'Mara, Shawn
Grand Rapids	Scott	A	Kamyszek	Mgr/Branch&Op	PARTS -GR	Behrenwald, James
Grand Rapids	Nicholas	J	Myers	Parts Managers	PARTS -GR	Kamyszek, Scott
Grand Rapids	Byron	D	Miller	Company Officers	SALES - DIRT GR	Behrenwald, James
Grand Rapids	Austin	M	Vankampen	Sales Professional	SALES - CONTINENTAL GR	Miller, Byron
Grand Rapids	Chad	R	Lettinga	Sales Professional	SALES - AGRICULTU GR	Miller, Byron
Grand Rapids	Francis	W	Pytlowany	Sales Professional	SALES - DIRT GR	Miller, Byron
Grand Rapids	Jacob	W	Oosterhouse	Sales Professional	SALES - DIRT GR	Miller, Byron
Grand Rapids	Jeremy	A	Vandermeulen	Sales Professional	SALES - DIRT GR	Miller, Byron
Grand Rapids	Joshua	D	Loyd	Sales Professional	SALES - DIRT GR	Miller, Byron
Lansing	Gerald		Vandevusse	Company Officers	CORPORATE US	Behrenwald, James

Lansing	Jon	M	Hoffman	Company Officers	SERVICE SHOP - LAN	Behrenwald, James
Lansing	Wilbur	D	Leistikow	Company Officers	USED EQUIPMENT	Behrenwald, James
Lansing	James	E	Boger	Sales Professional	BARGAIN LOT	Behrenwald, James
Lansing	Frank	W	Hilton	Sales Professional	USED SALES	Boger, James
Lansing	Joel	R	Hugo	Sales Professional	USED SALES	Boger, James
Lansing	Joshua	D	Challender	Sales Professional	USED SALES	Boger, James
Lansing	Larry	L	Hilton	Sales Professional	BARGAIN LOT US	Boger, James
Lansing	Jesse	M	Heron	Parts Managers	PARTS - LAN	Johnson, Kraig
Lansing	Zachary	R	Hickling	Service Managers	TOTAL FLEET LAN F	Schafer, Allen
Lansing	Steven	W	Higgins	Service Managers	SERVICE SHOP - LAN	Hoffman, Jon
Lansing	Bernard	J	Page	Sales Professional	USED SALES	Hilton, Frank
Lansing	Jan	F	Mahler	Service Managers	FIELD SVC - LAN	Hoffman, Jon
Lansing	Wesley	T	Phillips	Service Managers	SHOP - LAN	Hoffman, Jon
Lansing	Kyle	B	Sharp	Service Managers	FIELD SVC USL	Hoffman, Jon
Lansing	Dale	R	Keilen	Parts Managers	PARTS - LAN	Johnson, Kraig
Lansing	Mark	L	Kelso	Sales Professional	USED EQUIPMENT	Behrenwald, James
Lansing	Craig	T	Williams	Sales Professional	SALES - CONTINENTAL LAN	Kelso, Mark
Lansing	Jakob	L	Frederick	Sales Professional	SALES - CONTINENTAL US	Kelso, Mark
Lansing	John	C	Doody	Sales Professional	SALES - CONTINENTAL LAN	Kelso, Mark
Lansing	Bill	M	King	Service Managers	RECONDITIONING DEPT	Hoffman, Jon
Lansing	Andrew	J	Leiber	Service Managers	AGGREGATE SVC	Hoffman, Jon
Lansing	Brian	L	Chapman	Sales Professional	SALES - DIRT	Miller, Byron
Lansing	Matthew	S	Anson	Sales Professional	CENTRAL PARTS	O'Mara, Shawn
Lansing	Kevin	M	Bushinski	Sales Professional	SALES - AGGREGATE LAN	O'Mara, Shawn
Lansing	Patrick	M	Kane	Sales Professional	SALES - PAVING LAN	O'Mara, Shawn
Lansing	Jeffrey	J	Taylor	Sales Professional	PARTS - CENTRAL	O'Mara, Shawn
Lansing	Clifford	L	Oles.	Mgr/Branch&Op	FIELD SVC - LAN	Hoffman, Jon
Lansing	Timothy	M	Krenz	Service Manager/Warranty	FIELD SVC - LAN	Oles., Clifford
Lansing	Jason	A	Gillaspie	Service Managers	FIELD SVC - LAN	Oles., Clifford
Lansing	Jeffrey	W	Platte	Service Managers	PAINT SHOP	Hoffman, Jon
Lansing	Jeffrey	S	Ely	Sales Professional	SALES - GOVERNMENT LAN	Price, Jeffrey
Lansing	Joshua	C	Freel	Sales Professional	SALES - GOVERNMENT LAN	Price, Jeffrey
Lansing	Allen	M	Schafer	Service Managers	LUBE TRUCK US	Hoffman, Jon
New Hudson	Daniel	J	Jodoin	Parts Managers	PARTS NH	Schuyler, Michael
New Hudson	Andrew	S	Laczynski	Sales Professional	SALES - CONTINENTAL US	Kelso, Mark
New Hudson	Craig	K	Vick	Sales Professional	SALES - DIRT NH	Price, Jeffrey
New Hudson	Clifton	D	Ricks	Sales Professional	SALES - CONTINENTAL NH	Pytlowany, David
New Hudson	Connor	C	Pytlowany	Sales Professional	SALES - DIRT NH	Pytlowany, David
New Hudson	Karl	W	Doppelberger	Sales Professional	SALES - DIRT US	Pytlowany, David

New Hudson	Patrick	G	Lewis	Sales Professional	SALES - DIRT NH	Pytlowany, David
New Hudson	Steven	R	Colby	Sales Professional	SALES - DIRT NH	Pytlowany, David
New Hudson	Gregory	T	Reed	Mgr/Branch&Op	SERVICE SHOP USD	Schuyler, Michael
Richmond	David	A	Pytlowany	Company Officers	SALES - DIRT RIC	Behrenwald, James
Richmond	Gwen	A	Bondar	Sales Professional	SALES - DIRT RIC	Pytlowany, David
Richmond	James	E	Hardwick	Sales Professional	SALES - DIRT RIC	Pytlowany, David
Richmond	Jeffrey	W	Lockwood	Sales Professional	SALES - DIRT RIC	Pytlowany, David
Richmond	Justin	J	Kowal	Sales Professional	SALES - DIRT RIC	Pytlowany, David
Richmond	Tanton	R	Elliott	Sales Professional	SALES - DIRT RIC	Pytlowany, David
Richmond	Paul		Marcath	Service Managers	SERVICE SHOP RIC	Harding, Adam
Richmond	Susan	M	Liebetreu	Service Managers	SERVICE SHOP RIC	Harding, Adam
Richmond	Todd		Cook	Parts Managers	PARTS RIC	Harding, Adam
Richmond	Tyler	J	Rumenapp	Service Managers	SERVICE SHOP RIC	Harding, Adam
Richmond	Corey	S	Smykowski	Sales Professional	PARTS RIC	Johnson, Kraig
Richmond	Gregory	N	Doyal	Sales Professional	SALES - CONTINENTAL NH	Price, Jeffrey
Saginaw	John	G	Welch	Mgr/Branch&Op	PARTS SAG	Behrenwald, James
Saginaw	Brian	J	Jaworski	Service Manager/Warranty	SERVICE SHOP SAG	Hoffman, Jon
Saginaw	Michael	L	Jurecka	Service Managers	SERVICE SHOP SAG	Hoffman, Jon
Saginaw	Stephen	C	Sanders	Sales Professional	SALES - DIRT US	Miller, Byron
Saginaw	Chad	D	Fullerton	Sales Professional	SALES - CONTINENTAL SAG	Pytlowany, David
Saginaw	Kenneth	J	Rabideau	Sales Professional	SALES - DIRT SAG	Pytlowany, David
Saginaw	Robert	J	McCubbin	Sales Professional	SALES - DIRT SAG	Pytlowany, David
Saginaw	Rickey	D	Williams	Service Managers	UNDERCARRIAGE SVC SAG	Hoffman, Jon
Saginaw	Jason	M	Pogue	Service Managers	UNDERCARRIAGE SVC SAG	Williams, Rickey
Saginaw	Shaun	P	Wolschleger	Service Managers	SERVICE SHOP SAG	Hoffman, Jon
Traverse City	Kraig	E	Johnson	Company Officers	PARTS TC	Behrenwald, James
Traverse City	Larry	D	Fay	Sales Professional	SALES - FORESTRY TC	Johnson, Kraig
Traverse City	James	W	Kunisch	Sales Professional	SALES - FORESTRY TC	Fay, Larry
Traverse City	Robert	H	McDonald	Sales Professional	SALES - FORESTRY TC	Fay, Larry
Traverse City	Vaughn	R	West	Sales Professional	SALES - FORESTRY TC	Fay, Larry
Traverse City	William	K	Britt	Sales Professional	SALES - FORESTRY US	Fay, Larry
Traverse City	James	A	Huver	Parts Managers	PARTS TC	Johnson, Kraig
Traverse City	Dennis	K	Gill	Sales Professional	SALES - CONTINENTAL TC	Kelso, Mark
Traverse City	Darrell	R	McDaniel	Service Managers	FIELD SVC TC	Hoffman, Jon
Traverse City	Randall		Petkovsek	Service Managers	SERVICE SHOP TC	Johnson, Kraig
Traverse City	Daniel		Novak	Sales Professional	SALES - GOVERNMENT TC	Price, Jeffrey

7.5 Customer Service Toll-Free Number

The Contractor must specify its toll-free number for the State to contact the Contractor Representative who must be available for calls during the hours of 8 am to 5 pm Eastern Monday through Friday, at a minimum. Identify customer service availability for this proposal by hours and days of the week.

Toll Free: 1-800-247-6483

Direct (cell number): (810) 499-1332

24 hours per day / 7 days a week / 365 days per year

7.6 Technical Support, Repairs and Maintenance

The Contractor must specify its toll-free number for the State to contact the Contractor for technical support, repairs and maintenance. The Contractor must be available for calls and service during the hours of 8 am to 5 pm Eastern Monday through Friday, at a minimum. Identify availability for this proposal by hours and days of the week.

Call 1-800-AIS-NITE

24 hours per day / 7 days a week / 365 days per year

7.7 Disclosure of Subcontractors

If the Contractor intends to utilize subcontractors, the Contractor must disclose the following:

- The legal business name; address; telephone number; a description of subcontractor's organization and the services it will provide; and information concerning subcontractor's ability to provide the Contract Activities.
- The relationship of the subcontractor to the Contractor. Of the total bid, the price of the subcontractor's work. Whether the Contractor has a previous working experience with the subcontractor. If yes, provide the details of that previous relationship.
- A complete description of the Contract Activities that will be performed or provided by the subcontractor.
- **Geographically Disadvantaged Business Enterprise Sub-Contractors:** If contractors plan to utilize subcontractors to perform more than 20% of the deliverables under this contract, at least 20% of that subcontracted work must be awarded to Michigan-based Geographically Disadvantaged Business Enterprises (GDBE). Contractor will submit a plan detailing all subcontractors to be used, including the percentage of the work to be done by each. Contractor must inform the State to the name and address of the GDBE, the percentage of the work they will complete, the total amount estimated to be paid to the GDBE, and provide evidence for their qualifications as a GDBE. If contractor cannot find GDBE subcontractors to meet this requirement they must provide reasoning and justification to receive an exemption from this requirement from the State. (Existing business relationships will not be an approved reason for this.)

GDBE definition: "Geographically-Disadvantaged Business Enterprise" means a person or entity that satisfies one or more of the following: (i) Is certified as a HUBZone Small Business Concern by the United States Small Business Administration. (ii) Has a principal place of business located within a Qualified Opportunity Zone within Michigan. (iii) More than half of its

employees have a principal residence located within a Qualified Opportunity Zone within Michigan, or both.

Additional information on GDBEs can be found here:

[Michigan Qualified Opportunity Zone \(QOZ\) Map](#)

[Michigan Supplier Community \(MiSC\) Page](#)

Contractor must provide detailed information as requested in the above requirement(s).	
The legal business name, address, telephone number of the subcontractor(s).	
A description of subcontractor's organization and the services it will provide and information concerning subcontractor's ability to provide the Contract Activities.	
The relationship of the subcontractor to the Contractor.	
Is the subcontractor a GDBE?	Choose an item.
Whether the Contractor has a previous working experience with the subcontractor. If yes, provide the details of that previous relationship.	
A complete description of the Contract Activities that will be performed or provided by the subcontractor.	
Of the total bid, the price of the subcontractor's work.	

Contractor must provide information based on the work performed by all subcontractors	
Total percentage of work that will be performed by subcontractors:	
Total percentage of subcontracted work that will be performed by GDBE subcontractors:	

7.8 Security

The Contractor will be subject the following security procedures:

- a) All Contractor's employees go through a rigorous background check. Contractor is willing to comply with any State requirements.
- b) Contractor's Service Technicians wear company issued uniforms and drive service vehicles bearing the Contractor's logo.
- c) Contractor uses Sterling Backcheck for SSN Trace, County Criminal Record, State Criminal Repository, and Enhanced Nationwide Criminal Search. Contractor uses PeopleFacts for credit checks.

The Contractor's staff may be required to make deliveries to or enter State facilities. The State may require the Contractor's personnel to wear State issued identification badges.

8 Pricing

8.1 Price Term

Pricing is firm for a 365-day period ("Pricing Period"). The first pricing period begins on the Effective Date. Adjustments may be requested in writing by either party and will take effect no earlier than the next Pricing Period.

8.2 Price Changes

Adjustments will be based on changes in actual Contractor costs. Any request must be supported by written evidence documenting the change in costs. The State may consider sources, such as the Consumer Price Index; Producer Price Index; other pricing indices as needed; economic and industry data; manufacturer or supplier letters noting the increase in pricing; and any other data the State deems relevant.

Following the presentation of supporting documentation, both parties will have 30 days to review the information and prepare a written response. If the review reveals no need for modifications, pricing will remain unchanged unless mutually agreed to by the parties. If the review reveals that changes are needed, both parties will negotiate such changes, for no longer than 30 days, unless extended by mutual agreement.

The Contractor remains responsible for Contract Activities at the current price for all orders received before the mutual execution of a Change Notice indicating the start date of the new Pricing Period.

9 Ordering

9.1 Authorizing Document

The appropriate authorizing document for the Contract will be a purchase order or delivery order.

9.2 Order Verification

The Contractor must have internal controls approved by Central Procurement Services to verify abnormal orders and to ensure that only authorized individuals place orders.

10 Acceptance

10.1 Acceptance, Inspection and Testing

The State will use the following criteria to determine acceptance of the Contract Activities:

- a) Equipment shall be delivered in new condition. Damaged equipment will not be accepted. The Contractor will repair or replace the damaged equipment at the Contractor's expense.
- b) The Contractor shall provide documentation upon delivery that provides itemized deliverables.
- c) Acceptance is not complete for partial deliveries until final deliverables are received.

10.2 Final Acceptance

- a) The Contractor shall deliver the equipment. The State, or their designee, shall inspect the equipment and approve acceptance of goods upon delivery.
- b) All set-up and/or training and orientation shall be completed.

11 Invoice and Payment

11.1 Invoice Requirements

All invoices submitted to the State must include: (a) date; (b) purchase order; (c) quantity; (d) itemized description of the Contract Activities; (e) unit price; (f) shipping cost (if any); (g) vendor-generated invoice number; and (h) total price.

11.2 Payment Methods

The State will make payment for Contract Activities by EFT.

12 Liquidated Damages

Late or improper completion of the Contract Activities will cause loss and damage to the State, and it would be impracticable and extremely difficult to fix the actual damage sustained by the State. Therefore, if there is late or improper completion of the Contract Activities the State is entitled to collect liquidated damages in the amount of \$5,000. and an additional \$100 per day for each day Contractor fails to remedy the late or improper completion of the Work.

Unauthorized Removal of Key Personnel will interfere with the timely and proper completion of the Contract, to the loss and damage of the State, and it would be impracticable and extremely difficult to fix the actual damage sustained by the State. Therefore, the State may assess liquidated damages against Contractor as specified below.

- The State is entitled to collect \$500. per individual per day for the removal of any Key Personnel without prior approval of the State.
- The State is entitled to collect \$500. per individual per day for an unapproved or untrained key personnel replacement.

13 Additional Requirements

13.1 Environmental and Energy Efficiency Product Standards

The Contractor must identify any energy efficient, bio-based, or otherwise environmentally friendly products used in the products. Contractor must include any relevant third-party certification, including the verification of a United States Department of Agriculture certified bio-based product label. Contractor must describe how products that meet these requirements are identified or otherwise labelled.

13.2 Hazardous Chemical Identification

In accordance with the federal Emergency Planning and Community Right-to-Know Act, 42 USC 11001, *et seq.*, as amended, the Contractor must provide a Material Safety Data Sheet listing any hazardous chemicals as defined in 40 CFR §370.2, to be delivered. Each hazardous chemical must be properly identified, including any applicable identification number, such as a National Stock Number or Special Item Number.

The Contractor must identify any hazardous chemicals that will be provided under any resulting contract.

13.3 Mercury Content

Pursuant to MCL 18.1261d, mercury-free products must be procured when possible. The Contractor must explain if it intends to provide products containing mercury, the amount or concentration of mercury, and whether cost competitive alternatives exist. If a cost competitive alternative does exist, the Contractor must provide justification as to why the particular product is essential. All products containing mercury must be labeled as containing mercury.

13.4 Brominated Flame Retardants

The State prefers to purchase products that do not contain brominated flame retardants (BFRs) whenever possible. The Contractor must disclose whether the products contain BFRs. Contractor must describe how products that meet these requirements are identified or otherwise labelled.

13.5 Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)

The Contractor must confirm that the provided products do not intentionally contain PFAS. This consists of all components of the provided products, including product packaging.

14 Service-Level Agreements (SLAs)

- A. The Contractor will be held accountable to meet the requirements and the service level requirements established in this Contract.
- B. The State reserves the right to reconsider or amend SLA amounts for split awards should they occur.

Service Level Agreements for this Contract will be as follows:

SLA Metric 1. Timely Deliveries	
Definition and Purpose	<p>The Contractor must ensure that items and quantities delivered are exactly the items, brands, and quantities on the Order Confirmation. No substitutions will be allowed without prior written permission by Program Manager and a Change Notice executed by the Contract Administrator.</p> <p>The entire order will be received on the same day unless a partial delivery has been approved in advance by the Program Manager.</p>

SLA Metric 1. Timely Deliveries	
Acceptable Standard	<ol style="list-style-type: none"> 1. All deliveries must occur in accordance with the approved delivery schedule for each Facility and Facility Receiving hours. See Section 2.4 Delivery. 2. Extenuating circumstances must be communicated by the Contractor to the Program Manager prior to the scheduled delivery date and time. 3. Items, brands, and quantities delivered will match the Order Confirmation exactly. 4. Signed and dated packing slips will be provided to purchasing agency at the time of delivery. 5. The entire order must be delivered on the same day unless a partial delivery has been approved in advance by the Program Manager. 6. Orders not received in their entirety, as determined by a review of the Data Sources, will be considered inaccurate. <p>The acceptable standard is 100% compliance.</p>
Credit Due for Failing to Meet the Service Level Agreements	<ol style="list-style-type: none"> 1. \$100.00 may be assessed for each of the first five occurrences of non-compliance in a given calendar year. 2. \$500.00 may be assessed beginning with the sixth occurrence of non-compliance and on each occurrence thereafter in a given calendar year. <p>Extenuating circumstances will be reviewed by the Program Manager before any Service Credits are assessed.</p> <p>At the discretion of the State, these credits may be applied toward any payable due to the Contractor or be payable directly to the State. Payments made directly to the state will be completed within 10 days of notice of assessment.</p>

ATTACHMENT 1 TO SCHEDULE A - DEALER LIST

LOCATION	STREET	CITY	STATE	ZIP CODE	PHONE
AIS Saginaw	4600 AIS Drive	Bridgeport	MI	48722	(989) 777-0090
AIS Grand Rapids	600 44th Street SW	Grand Rapids	MI	49548	(616) 538-2400
AIS Lansing	3600 N Grand River Avenue	Lansing	MI	48906	(517) 321-8000
AIS Richmond	65809 Gratiot Avenue	Lenox	MI	48050	(586) 727-7502
AIS New Hudson	56555 Pontiac Trail	New Hudson	MI	48165	(248) 437-8121
AIS Traverse City	8300 M-72 East	Williamsburg	MI	49690	(231) 267-5060

Schedule B – Pricing

Please follow this link for
Schedule B – Pricing:

[240000000158Schedule-B-Pricing-Reduced.pdf \(michigan.gov\)](#)

AIS CONSTRUCTION EQUIPMENT CORPORATION

SCHEDULE C - INSURANCE REQUIREMENTS

Request For Proposal No. 230000002854

Agricultural, Grounds, Turf, Earth Moving, and Roadside, Maintenance Equipment

1. **General Requirements.** Contractor, at its sole expense, must maintain the insurance coverage as specified herein for the duration of the Term. Minimum limits may be satisfied by any combination of primary liability, umbrella or excess liability, and self-insurance coverage. To the extent damages are covered by any required insurance, Contractor waives all rights against the State for such damages. Failure to maintain required insurance does not limit this waiver.
2. **Qualification of Insurers.** Except for self-insured coverage, all policies must be written by an insurer with an A.M. Best rating of A- VII or higher unless otherwise approved by DTMB Enterprise Risk Management.
3. **Primary and Non-Contributory Coverage.** All policies for which the State of Michigan is required to be named as an additional insured must be on a primary and non-contributory basis.
4. **Claims-Made Coverage.** If any required policies provide claims-made coverage, Contractor must:
 - a. Maintain coverage and provide evidence of coverage for at least 3 years after the later of the expiration or termination of the Contract or the completion of all its duties under the Contract;
 - b. Purchase extended reporting coverage for a minimum of 3 years after completion of work if coverage is cancelled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the Effective Date of this Contract.
5. **Proof of Insurance.**
 - a. Insurance certificates showing evidence of coverage as required herein must be submitted to DTMB-RiskManagement@michigan.gov within 10 days of the contract execution date.
 - b. Renewal insurance certificates must be provided on annual basis or as otherwise commensurate with the effective dates of coverage for any insurance required herein.
 - c. Insurance certificates must be in the form of a standard ACORD Insurance Certificate unless otherwise approved by DTMB Enterprise Risk Management.
 - d. All insurance certificates must clearly identify the Contract Number (e.g., notated under the Description of Operations on an ACORD form).

- e. The State may require additional proofs of insurance or solvency, including but not limited to policy declarations, policy endorsements, policy schedules, self-insured certification/authorization, and balance sheets.
 - f. In the event any required coverage is cancelled or not renewed, Contractor must provide written notice to DTMB Enterprise Risk Management no later than 5 business days following such cancellation or nonrenewal.
- 6. Subcontractors.** Contractor is responsible for ensuring its subcontractors carry and maintain insurance coverage.

7. Limits of Coverage & Specific Endorsements.

Required Limits	Additional Requirements
Commercial General Liability Insurance	
<p>Minimum Limits:</p> <p>\$1,000,000 Each Occurrence</p> <p>\$1,000,000 Personal & Advertising Injury</p> <p>\$2,000,000 Products/Completed Operations</p> <p>\$2,000,000 General Aggregate</p>	<p>Contractor must have their policy endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds using endorsement CG 20 10 11 85, or both CG 20 10 12 19 and CG 20 37 12 19.</p>
Umbrella or Excess Liability Insurance	
<p>Minimum Limits:</p> <p>\$5,000,000 General Aggregate</p>	<p>Contractor must have their policy follow form.</p>
Automobile Liability Insurance	
<p>Minimum Limits:</p> <p>\$1,000,000 Per Accident</p>	<p>Contractor must have their policy: (1) endorsed to add “the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents” as additional insureds; and (2) include Hired and Non-Owned Automobile coverage.</p>

Required Limits	Additional Requirements
Workers' Compensation Insurance	
Minimum Limits: Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
Minimum Limits: \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease	
Garagekeepers Liability Insurance	
<u>Minimal Limits:</u> \$100,000 Per Occurrence	Contractor must have their policy: (1) endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds; and (2) include Garage Keepers Legal Liability coverage.

8. Non-Waiver. This Schedule C is not intended to and is not to be construed in any manner as waiving, restricting or limiting the liability of either party for any obligations under this Contract, including any provisions hereof requiring Contractor to indemnify, defend and hold harmless the State.

**State of Michigan, DTMB - Enterprise
 Risk Management (ERM)**

 Authorized ERM Signature

 Authorized ERM Agent (Print or Type)

 Date

STATE OF MICHIGAN

Contract No. 240000000158

Agricultural, Grounds, Turf, Earth Moving, and Roadside Maintenance Equipment

SCHEDULE D SPECIFICATIONS

Equipment - Purchase, Rent, and/or Lease			(Bidder must check the boxes below that apply)	
SPEC SECTION	PAGE	BID	NO BID	
1	C03-2001CD-23 Dump Body	2		X
2	C03-2001LG-23 Lift Gate	4		X
3	C03-2001SP-23 Snow Plow	5		X
4	C03-2011CD-23 Dump Body TB FT	6		X
5	C03-20CU11-23 Utility Body	9		X
6	C03-3001CAP-23 Cap for Pickup	11		X
7	C04-SDS-23 Stake Rack Body with Scissor Hydraulic Lift and Cab Protector	11		X
8	C05-1601-23 Backhoe	14	X	
9	C36-0401-4T-23 Asphalt Heater-Hauler	16		X
10	C36-Asphalt Recycler-23	18		X
11	C38-0101 CTL-23 Skid Steer Track Loader	18		X
12	C38-0101-23 Skid Steer Loader	19		X
13	C38-0101AWS-23 Skid Steer Loader	20		X
14	C38-0501LP-23 Fork Lift, Propane, 6,000 Lbs Capacity	21		X
15	C54-0001-23 Concrete Saw	23	X	
16	C62-0101RB-23 Broom	23		X
17	C67-008T-23 Trailer	25	X	
18	C67-20T LP-23 Trailer	26	X	
19	C70-0001-23 Welder-Generator	26		X
20	C60-2001-16 Sand-Salt Spreader	27		X
21	C62-0051-23 Street Sweeper	28		X
22	C05-0901-23 Tractor Road Side	35		X
23	C05-0902-23 Tractor Road Side	37		X
24	C05-1001-23 Tractor Lawn Mower 2 Wheel steer	38		X
25	C05-1002-23 Tractor Lawn Mower 4 Wheel Steer 48-54-60 in deck	39		X
26	C05-1003-23 Zero Turn 60-72 in deck	40		X
27	C06-1001-23 Utility Vehicle 6x4	42		X
28	C06-1002-23 Utility Vehicle 4 Wheel Drive	42		X
29	C-42-0026-23 Mower, 15 ft Road Side Mechanical Drive Rotary	43		X
30	C-62-0101RB-23 Loader, 4 Wheel drive 2.25 Cubic Yard Minimum Capacity	44	X	
31	38-0201HD.23 Loader, 4 Wheel drive, Articulated, 3.0 Cubic Yard Minimum Capacity	46	X	
32	05-00051.23 Crawler Dozer (30hp & up)	49	X	
33	30-00LT23 Light Tower, Trailer Mounted Diesel Engine	56		X
34	38-0501D-23 Fork Lift, Diesel Engine, 8,000 Lbs Capacity	57		X
35	C56-051.23 Sewer and Catch Basin Cleaner Unit	58		X
36	C42-0027.23 Mower, 15 ft Road Side Hydraulic Drive Rotary	66		X
37	C10-010DD.22 Digger Derrick, with platform Body and FG through Box Light Tower	67		X
38	C10-034AT.22 Aerial Tower, 34 Foot Working Height and Utility Body	74		X
39	C10-045AT.22 Aerial Tower, 45 Foot Working Height and Utility Body	80		X

The specifications below are considered to be samples of the type of equipment needed. Please be as specific as possible as to the specifications of your equipment offering. Make sure to include Make and Model and to list ALL deviations with sample specifications. The State must approve any deviations to this specification. Bidders must bid on at least one spec (multiple specs is preferred).

8. - Specification # C05-1601.23	Bidder Response (Indicate acceptance and/or provide alternate)
TRACTOR/LOADER/BACKHOE, 4WD WITH EXTENDABLE REACH	
TRACTOR	

1.1	Engine shall be heavy duty diesel, rated at 92SAE horse power minimum	YES - 100HP
1.2	Engine shall have individually replaceable, wet sleeve cylinder liners	YES
1.3	Unit shall have tilt hood for easy engine access	YES
1.4	Engine lubrication shall be pressurized	YES
1.5	Engine oil filter shall be spin on, full flow type	YES
1.6	Air cleaner shall be dry type with safety element and centrifugal pre-cleaner	YES
1.7	Anti-freeze protection shall be to -34°	YES
1.8	Foot and hand throttle controls shall be provided	YES
1.9	Key start switch shall be provided	PUSH START
1.10	Muffler with vertical exhaust and rain cap or curved top exhaust pipe	YES
1.11	Transmission shall be power-shift with torque converter fully synchronized four forward, three reverse speeds with electrically actuated twist grip in first through fourth gears	YES
1.12	Transmission disconnect switch shall be provided on loader control	YES
1.13	Mechanical front wheel drive shall be provided	YES
1.14	Both front and rear axles shall have either limited slip, torque proportioning differential, or a differential locking system	YES
1.15	Front axle oscillation shall be 16° minimum with a remote grease bank	YES
1.16	Rear axle shall be fixed	YES
1.17	Steering shall be power, hydrostatic type	YES
1.18	Service brakes shall be hydraulic actuated, foot operated, self-adjusting	YES
1.19	Parking brake shall be independent of service brakes spring applied, hydraulically released, wet multi-disc, and sealed from water, mud, and dust contamination and shall also neutralize the reverser	YES
1.20	Hydraulic system shall:	YES
	a. Be open or closed center type	YES
	b. Full flow filter with replacement element on return line	YES
	c. Mesh screen on suction side	YES
	d. Provide high flow hydraulic power to backhoe for attachments such as post driver, pavement breaker, etc.	YES
	e. High flow kit must be complete with all lines, hoses, couplers, and valves	YES
	f. Run 1 or 2 function tools	YES
1.21	Tires shall be tubeless with chloride valves, air filled at delivery	YES
1.22	Front tires shall be 14L x 17.5 (10 PR) traction type	12L
1.23	Rear tires shall be 21L x 24 (10 PR) R4 minimum	YES
1.24	Electrical system shall be 12volt with 95amp minimum output alternator	YES
1.25	Dual Batteries with 1,900 combined CCA with disconnect switch	YES
1.26	Unit shall be pre-wired with a fused 10 gauge wire in cab for two way radio hookup	YES
1.27	Vandal protection shall include radiator, engine, fuel tank, and hydraulic reservoir	YES
1.28	Lights shall include:	YES
	a. Halogen driving and working lights	YES
	b. Tail lights	YES
	c. Front and rear turn signals	YES
	d. Rear brake lights	N/A
	e. 2 side docking work lights mounted to the side of the roof	YES
	f. Unit shall be pre-wired with a switch for a roof mounted beacon light	YES
1.29	Rear fenders shall be provided	YES
1.30	Steps and hand holds shall be provided for each side	YES
1.31	Electric, moisture resistant back-up alarm, 95dba sound level shall be provided	YES
1.32	A horn shall be provided	YES
1.33	A grill guard shall be provided	YES
1.34	A block heater shall be provided	YES
1.35	A toolbox shall be provided	YES
1.36	Fuel capacity shall be 36 gallons minimum	34 GAL + DEF 3.6 GAL
1.37	1,350 pound front counter weight shall be provided	YES
1.38	Provide indicators, gauges, or lights for the following:	YES
	a. Alternator charge	YES
	b. Engine coolant temperature	YES
	c. Engine oil pressure	YES
	d. Torque converter temperature	YES
	e. Transmission filter restriction	YES
	f. Hydraulic system restriction	YES
	g. Hour meter	YES

	h. Parking brake	YES
	i. Fuel level	YES
	j. Tachometer	YES
	k. Brake oil level	YES
	l. Air cleaner restriction	YES
1.39	Paint shall be manufacturer's standard construction yellow	YES
1.40	Cab shall be safety type, all steel shell, fully enclosed, weatherproof, with safety glass in windshield, all doors and windows	YES
1.41	Cab shall incorporate a roll over protection system (ROPS)	YES
1.42	Cab shall have glove compartment	YES
1.43	Cab shall have	YES
	a. Hot water heater	12V OUTLET
	b. Outside mirrors	YES
	c. Wipers front and rear	YES
	d. Front windshield washer	YES
	e. Front and rear defroster ducts	YES
	f. Air suspension swivel deluxe cloth seat with arm rests	YES
	g. Seat belt and retractor	YES
	h. Opening rear window	YES
1.44	Cab shall have inside mounted curved rearview mirror	YES
1.45	Cab shall have floor mat	YES
1.46	Cab height from ground shall be 9 feet 3 inches maximum	YES
1.47	Factory installed air conditioning shall be provided	YES
1.48	Cab shall have AM-FM radio with weather band	YES
LOADER		
2.1	Loader shall be single lever control, hydraulic self-leveling with automatic return to dig	YES
2.2	Bucket shall be general purpose, 1 ½ cu/yd minimum SAE heaped with reversible bolt on cutting edge	1.3 CU YD
2.3	Lifting	YES
2.4	Hinge pin height shall be 11 feet fully raised minimum	YES
2.5	Breakout force with long lip bucket shall be 10,210 pounds minimum	9,512 LBS
2.6	Dump reach shall be 35.5 inch minimum at full raise and 45° dump	32"
2.7	Cutting edge width shall be 92 inches minimum	86"
BACKHOE		
3.1	Backhoe shall be extendable reach type with ¼ yard Wain-Roy, Inc. quick tilt coupler system	YES
3.2	Backhoe shall have a 48 inch ditching bucket	YES
3.3	Extendable backhoe transport lock shall be provided	YES
3.4	Extendable dipper stick shall be outer box design	YES
3.5	The following requirements are measured with a 24 inch standard trenching bucket:	YES
	a. Digging depth with extension shall be 20 foot minimum	17'10"
	b. Extended reach from swing pivot shall be 23 foot minimum	21'4"
	c. Truck loading height with extension retracted shall be 12 foot, 6 inch minimum	11'6"
	d. Digging force, bucket cylinder shall be 14,800 pounds minimum	10,844
	e. Transport height with extension retracted shall be 12 foot, 10 inch maximum	YES
	f. Transportation length with extension retracted shall be 23 foot, 11 inch maximum	YES
3.6	Backhoe controls shall be pilot controls with pattern selection switch in cab	YES
3.7	Stabilizers shall have lockout and two position pads	YES
3.8	Stabilizers shall have cylinder guards	YES
TRACTOR/LOADER/BACKHOE, 4WD WITH EXTENDABLE REACH		
Make Offered:		JOHN DEERE
Model Offered:		310 P
15. - Spec. No. 54-0001-23		Bidder Response (Indicate acceptance and/or provide alternate)
SAW, CONCRETE, DIESEL, 42 INCH BLADE CAPACITY		
1.1	Concrete saws shall be painted manufacturers standard color	YES
1.2	Engine shall be a 4 cylinder 66hp turbocharged diesel	YES
1.3	Fuel tank capacity shall be 9.75 gallon minimum	YES
1.4	Air filter shall be multi-stage with centrifugal pre-cleaner	YES
1.5	Cutting blade diameter range shall be 18 inches to 42 inches	26" - 42"
1.6	Maximum cutting depth shall be 17.5 inches	YES

1.7	Spindle diameter shall be 1 inch	YES
1.8	Blade shaft diameter shall be 2 inch	YES
1.9	Front axle shall be 1 inch	YES
1.10	Rear axle shall be four (4) bolt hub mount	YES
1.11	Blade flange shall be 7 inch	YES
1.12	Output rpm shall be 1180rpm	YES
1.13	Saws shall have a hydraulic parking brake	NOT AVAILABLE
1.14	Right angle gear drive configuration shall utilize 16 V-belts to transmit power to blade shaft	3 VX V Belts
1.15	Saws shall be equipped with a blade clutch switch to allow engine operation without blade rotation	YES
1.16	Blade shaft shall have four (4) sealed radial ball bearing cartridges	YES
1.17	Inner blade collar and sheave shall be press fit with keyway	YES
1.18	Blade guard shall be slip-on type with auto latch, handle, wide, tapered guard spade and replaceable blade guard hinge	YES
1.19	Transmission shall be balanced dual motor hydrostatic drive	SINGLE MOTOR
1.20	Blade control:	
	1. electro-hydraulic pump shall raise blade	YES
	2. switch controlled raise/lower on speed control handle	YES
	3. automatic blade depth control switch built into depth indicator	YES
	4. depth can be set with auto stop function on depth indicator	YES
	5. electric clutch blade drive disengagement system	YES
1.21	Saws shall have full time electric switch operated adjustable tracking	YES
1.22	Wheels:	
	1. front – 8 inch x 3 inch	YES
	2. rear – 10 inch x 3 inch	YES
1.23	Single linear control on console shall provide forward, reverse, dynamic braking and neutral stop	YES
1.24	Chassis shall be of welded box section construction	YES
1.25	Water system shall include a dual water shut-off, one on each side of console and a low water pressure protection switch	ONLY ONE WATER SHUT OFF

SAW, CONCRETE, DIESEL, 42 INCH BLADE CAPACITY

Make offered:	HUSQVARNA
Model offered:	FS7000DL

17. - Spec. No. C67-008T-23		Bidder Response (Indicate acceptance and/or provide alternate)
TRAILER, 8 TON, TANDEM AXLE WITH RAMPS		
1.1	GVWR shall be 16,800 pounds or greater	16,000 lb. GVWR
1.2	Lockable toolbox in tonque	Yes
1.3	Deck length shall be 18' with 5' loading ramps without a beavertail	Yes-18' deck, 6' ramps
1.4	Deck width shall be 82 inch I.D. between fenders Minimum. Overall width not to exceed 102"	Yes
1.5	Deck height shall be 20" Maximum	Yes
1.6	Brakes shall be electric type, all four (4) wheels, with brake away switch and 12 volt wet cell breakaway battery and a pintle ring coupler	Yes
1.7	Brakes and pintle coupler shall be appropriate for GVWR	Yes
1.8	Pintle coupler shall be adjustable in height	Yes
1.9	Axles shall be Torflex #7,000 pound capacity minimum, each	Yes
1.10	A 12,000 pound drop leg jack shall be provided	Yes
1.11	Main frame and cross members shall be I beam construction	Yes
1.12	Deck material shall be 2 inch rough sawn oak fastened to all cross-members	Yes
1.13	Safety chains with latching hooks shall be provided that are appropriate for the trailer GVWR	Yes
1.14	Rear ramps shall be 5 feet long, hinged at rear, with securing straps for transport, and have spring assist	Yes - 6' long
1.15	Wheels shall be 6 or 8 bolt dish type	Yes
1.16	Trailers shall have minimum of three (3) 4,000 pound D-rings on each side, 2 D rings on the front bulkhead	Yes -4 per side
1.17	Complete understructure of trailers shall be painted with high quality baked on enamel	Yes
1.18	Steel fenders shall be provided	Yes
1.19	Stop, tail, clearance, and turn signals shall be LED type, four (4) tail light system wired for turn signals independent of stop	Yes
1.20	Per Schedule E - Trailer Wiring Diagram, trailer connector shall be 7-way round pin Berg type , mounted at rear of frame, wired for turn signals independent of stop, compatible with trailers that have amber or side turn lamps, provided and installed by vendor	Yes

1.21	Trailer connector shall be routed through a weather-proof junction box mounted on the side of the tongue "A" frame	Yes
1.22	NO Scotch locks will be accepted	Yes
1.23	All wiring shall be in weatherproof loom	Yes
1.24	All wiring shall be mounted to limit damage from crush of pinch type damage	Yes
TRAILER, 8 TON, TANDEM AXLE WITH RAMPS		
Make Offered:		Felling
Model Offered:		FT14I
18. - Spec. No. C67- 20T-LP-23		Bidder Response (Indicate acceptance and/or provide alternate)
TRAILER, 20 TON, LOW PROFILE FLATBED WITH BEAVER TAIL and RAMPS		
1.1	Payload capacity shall be 40,000 pounds	Yes
1.2	Overall deck length shall be 24 feet	Yes
1.3	Deck length shall be 19 feet without beavertail	Exceeds - 20'
1.4	Brakes shall be 4 – wheel (both axles), air actuated	Yes
1.5	ABS air brake controls shall be on one axle only	Yes
1.6	Head board shall be a minimum of 4 inch heigh, full width	Yes
1.7	Two (2) loading ramps shall be 21 inches wide x 5 feet long, hinged at the beavertail with two-way spring assist	Yes
1.8	Deck width shall be 102 inches	Yes
1.9	Loaded deck height shall be 32 inches MAXIMUM	Yes
1.10	Deck shall be of 1 ½ inch thick oak	Yes
1.11	Beavertail shall be approximately five (5) feet long with traction aids	Yes
1.12	Hitch shall be pintle type, 3 inch ID, adjustable from 20 inches to 32 inches	Yes
1.13	Main beams shall be 10 inch I-beam minimum	Yes
1.14	Cross members shall be 4 inch I-beam minimum on 16 inch centers	Yes
1.15	Axles shall be dual wheel, 20,000 pound minimum each	Exceeds 25,000 lb. each
1.16	Tires shall be 215/75R17.5, 16pr, radials	Yes
1.17	Wheels shall be disc (Budd) type	Yes
1.18	Spare wheel and tire shall be provided	Yes
1.19	Tongue jack shall be 25,000 pound two speed	Yes
1.20	Four (4) 10,000 pound capacity d-rings shall be provided per side	Exceeds - 6 per side
1.21	Paint color shall be orange	Yes
1.22	Lower structure shall be coated with rust-proofing	Yes
1.23	All lights (stop, tail, turn, clearance) shall be LED type	Yes
1.24	Per Schedule E - Trailer Wiring Diagram, trailer connector shall be 7-way round pin Berg type , mounted at rear of frame, wired for turn signals independent of stop, compatible with trailers that have amber or side turn lamps, provided and installed by vendor	Yes
1.25	All wiring shall be weather proof, no scotch locks will be accepted	Yes
1.26	Safety chains shall be appropriate for the GVWR of the trailer	Yes
TRAILER, 20 TON, LOW PROFILE FLATBED WITH BEAVER TAIL and RAMPS		
Make Offered:		Felling
Model Offered:		FT-40-2 LP
30. - Spec. No. C62-0101RB-23		Bidder Response (Indicate acceptance and/or provide alternate)
LOADER – 4 WHEEL DRIVE, ARTICULATED, 2.25 CUBIC YARD MINIMUM CAPACITY		
1.1	Loaders shall be painted manufacturer's standard color	YES
1.2	Shall have vandal protection for radiator, engine, fuel tank, and hydraulic reservoir. Lockable access shall be part of this protection system.	YES
1.3	Wheel base shall be 114 inches minimum	114"
1.4	Height over R.O.P.S. shall be 10 foot 8 inches MAXIMUM NO EXCEPTIONS	YES 10' 3"
1.5	Shall have bucket position indicator	YES
1.6	Shall have fenders both front and rear	YES
1.7	Shall have a horn	YES
1.8	Shall have operators access steps with safety handrails	YES
1.9	Shall have a toolbox	YES
1.1	Shall have frame articulation of 80° with center pivot	YES 80 degrees
1.11	Shall have an approximate turning radius of 19 feet 10 inches maximum	YES - 15'7"
1.12	Shall have ride control for bucket	YES

2.0 ENGINE		
2.1	Shall be water cooled, turbocharged, diesel, air to air after cooled	YES
2.2	Horse Power rating shall be 130 @ 2000 rpm minimum	124 @ 2,100 rpm
2.3	Air cleaner shall be two stage dry type with restriction indicator	YES
2.4	Cold weather starting aid shall be electric intake manifold pre-heater and 120v block heater	YES
2.5	Shall have antifreeze protection to -34° F	YES
3.0 TRANSMISSION		
3.1	Shall have four (4) forward speeds	YES
3.2	Shall have four (4) reverse speeds	3 speed reverse
3.3	Top speed shall be 23mph minimum	22.4 mph top speed
3.4	Shall be hydrostatic with one (1) pump and two (2) motors and variable first speed	TORQUE CONVERTER
3.5	Shall have a transmission cooler	YES
4.0 DRIVELINE		
4.1	Differentials shall be torque proportioning type	LIMITED SLIP
4.2	Final drive shall be planetary type	YES
4.3	Rear axle shall be a semi-floating type with a total minimum oscillation of 30 °	24 degrees
5.0 ELECTRICAL		
5.1	Shall be 12 or 24 volt	YES
5.2	Alternator shall be 60 amp minimum	YES
5.3	Back up alarm of 95dba minimum	YES
5.4	Shall have front and rear windshield wipers and washers,	YES
5.5	front wipers shall be intermittent type	YES
5.6	Cab interior light	YES
5.7	Shall have two (2) front halogen high/low beam cab mounted headlights with indicator	YES
5.8	Shall have two (2) front halogen work lights	YES
5.9	Shall have two (2) rear halogen works lights	YES
5.10	Shall have two (2) rear combination stop/tail lights	YES
5.11	Shall have two (2) rear backup lights	YES
5.12	Shall have two (2) front and two (2) rear turn signals with hazard flashers	YES
5.13	Shall have instrument panel light	YES
5.14	Shall have 12 volt power supply for accessories in cab	YES
5.15	Gauges shall include:	
	a. speedometer	YES
	b. tachometer	YES
	c. engine coolant temperature	YES
	d. fuel level	YES
	e. transmission oil temperature	YES
	f. hour meter – to operate only when engine is running	YES
6.0 BRAKES		
6.1	Service brakes shall be hydraulic power boosted, sealed wet disc, foot operated to all four (4) wheels	YES
6.2	Parking brake shall be manufacturer's standard and neutralize the transmission when applied	YES
7.0 OPERATOR'S COMPARTMENT		YES
7.1	Shall be all steel, fully enclosed, and weatherproof	YES
7.2	Shall incorporate a Roll Over Protection System (R.O.P.S.)	YES
7.3	Shall meet all OSHA and MIOSHA standards	YES
7.4	Shall have tinted, full vision safety glass in windshield, all doors and windows	YES
7.5	Shall have an adjustable, deluxe cloth, suspension type seat with arm rests and seat belt with retractor	YES
7.6	Shall have hot water heater, defroster fans (front and rear)	YES
7.7	One (1) inside rearview mirror rearview mirrors	YES
7.8	Two (2) outside mounted West Coast type	YES
7.9	Shall have a sun visor	YES
7.10	Factory installed air conditioning	YES
7.11	Shall have a 12 volt power outlet for accessories	YES
8.0 TIRES		
8.1	Shall be tubeless, 20.5 x 25 12 PR with L3 tread	17.5R 25L3
8.2	Shall have construction equipment type rims with valves for filling with chloride solution	YES
9.0 OPERATING WEIGHT		
9.1	Shall be 25,000 pounds minimum with standard equipment, excluding optional ballast or chloride filled tires	22,077 lbs.
10.0 BUCKET		

10.1	Shall be all-purpose 2.25 cubic yard minimum	2.5 cubic yd.
10.2	Shall have a bolt on cutting edge	YES
10.3	Width shall be equal to or in excess of the outside width of the tires	YES
10.4	Lifting, lowering, dumping, and tilting of the bucket shall be actuated by power hydraulic means	YES
10.5	Bucket action shall be provided for tilting the bucket independently of the lifting arm action with automatic return to dig	YES
11.0 TIPPING LOADS		
11.1	The operating and tipping loads required below shall take into account the additional weight of the front mounted attachment coupler	YES
11.2	Operating load shall be 7,000 pounds minimum	7,273 lbs.
11.3	Tipping load straight shall be 17,000 pounds minimum	16,673 lbs.
11.4	Tipping load in full turn shall be 14,000 pounds minimum	14,546 lbs.
11.5	Breakout force shall be 29,000 pounds minimum	17,637 lbs.
11.6	Dumping clearance (cutting edge) at maximum height and 45° dump angle shall be 10 feet minimum	8' 8". Hinge pin 11'9"
12.0 QUICK ATTACH COUPLER SYSTEM		
12.1	Coupler system shall consist of one (1) male and two (2) female adaptors as well as the necessary hydraulics and controls	YES
12.2	Male adaptor shall be pinned to the loader arm linkage in place of the bucket	YES
12.3	Female adaptors shall be compatible with the male adaptor and shall incorporate two (2) pin bosses which shall accept the male coupler locking pins	YES
12.4	Coupler shall be compatible with the full range of available loader attachments	YES
12.5	One (1) female adaptor shall be integrally installed on the loader bucket	YES
12.6	One (1) female adaptor shall be integrally installed on the forklift attachment	YES
12.7	Make shall be American Coupler System	JRB
12.8	Model shall be Pro Series 2000	416
13.0 FORKLIFT ATTACHMENT		
13.1	Shall be integrally fitted with a female coupler adaptor as described in Section 12	YES
13.2	Tine length shall be 72 inches minimum	YES
13.3	Ground to top of tine clearance shall be 11 foot minimum	11' 1"
13.4	Fork width outside to outside of tine shall be 58 inches minimum	YES
14.0 AUTOMATED LUBRICATION SYSTEM		
14.1	Loaders shall have a Lincoln Quicklub® 203 automated lubrication system	YES
LOADER – 4 WHEEL DRIVE, ARTICULATED, 2.25 CUBIC YARD MINIMUM CAPACITY		
Make Offered:		JOHN DEERE
Model Offered:		444G

31. - Spec. No. 38-0201HD.23		Bidder Response (Indicate acceptance and/or provide alternate)
LOADER – 4 WHEEL DRIVE, ARTICULATED, 3.0 CUBIC YARD MINIMUM CAPACITY		
1.1	Loader shall be painted manufacturers standard color	YES
1.2	Shall have vandal protection for radiator, engine, fuel tank, and hydraulic reservoir. Lockable access shall be part of this protection system	YES
1.3	Wheel base shall be 119 inches minimum	115"
1.4	Height over R.O.P.S. shall be 10 foot 8 inches maximum	hgt. to top of cab 10'9"
1.5	Shall have bucket position indicator	YES
1.6	Shall have fenders both front and rear	YES
1.7	Shall have ride control	YES
1.8	Shall have a horn	YES
1.9	Shall have operators access steps with safety handrails	YES
1.10	Shall have a toolbox	YES
1.11	Shall have frame articulation of 80° with center pivot	YES
1.12	Shall have an approximate turning radius of 20 feet 8 inches maximum	16' 5"
2.0 ENGINE		
2.1	Shall be water cooled, turbocharged, diesel, air to air after cooled	YES
2.2	Horse Power rating shall be 160 @ 2000 rpm minimum	168 net @ 1,800 rpm
2.3	Air cleaner shall be two stage dry type with restriction indicator	YES
2.4	Cold weather starting aid shall be electric intake manifold pre-heater	YES
2.5	Shall have antifreeze protection to -34° F	YES
3.0 TRANSMISSION		
3.1	Shall have four (4) forward speeds	5 forward
3.2	Shall have four (4) reverse speeds	3 reverse
3.3	Top speed shall be 23mph minimum	top speed 22.3 mph

3.4	Shall be hydrostatic with one (1) pump and two (2) motors and variable first speed	Power shift torque Con
3.5	Shall have a transmission cooler	YES
4. DRIVELINE		
4.1	Differentials shall be torque proportioning type	hydraulic locking front
4.2	Final drive shall be planetary type	YES
4.3	Rear axle shall be a semi-floating type with a total minimum oscillation of 30 °	24 degrees
5.0 ELECTRICAL		
5.1	Shall be 12 or 24 volt	YES
5.2	Alternator shall be 60amp minimum	YES
5.3	Back up alarm of 95dba minimum	YES
5.4	Shall have front and rear windshield wipers and washers, front wipers shall be intermittent type	YES
5.5	Cab interior light	YES
5.6	Shall have two (2) front halogen high/low beam cab mounted headlights with indicator	YES
5.7	Shall have two (2) front halogen work lights	YES
5.8	Shall have two (2) rear halogen works lights	YES
5.9	Shall have two (2) rear combination stop/tail lights	YES
5.10	Shall have two (2) rear backup lights	YES
5.11	Shall have two (2) front and two (2) rear turn signals with hazard flashers	YES
5.12	Shall have instrument panel light	YES
5.13	Gauges shall include:	
	a. speedometer	YES
	b. tachometer	YES
	c. engine coolant temperature	YES
	d. fuel level	YES
	e. transmission oil temperature	YES
	f. hour meter – to operate only when engine is running	YES
6.0 BRAKES		
6.1	Service brakes shall be hydraulic power boosted, sealed wet disc, foot operated to all four (4) wheels	YES
6.2	Parking brake shall be manufacturer's standard and neutralize the transmission when applied	YES
7.0 OPERATOR'S COMPARTMENT		
7.1	Shall be all steel, fully enclosed, and weatherproof	YES
7.2	Shall incorporate a Roll Over Protection System (R.O.P.S.)	YES
7.3	Shall meet all OSHA and MIOSHA standards	YES
7.4	Shall have tinted, full vision safety glass in windshield, all doors and windows	YES
7.5	Shall have an adjustable, deluxe cloth, suspension type seat with arm rests and seat belt with retractor	YES
7.6	Shall have hot water heater,	YES
7.7	defroster fans (front and rear)	YES
7.8	One (1) inside rearview mirror	YES
7.9	Air ride seat shall be provided	YES
7.10	Two (2) outside mounted West Coast type rearview mirrors	
7.11	Shall have a sun visor	YES
7.12	Factory installed air conditioning	YES
7.13	Shall have a 12 volt power outlet for accessories	YES
8.0 TIRES		
8.1	Shall be tubeless, 20.5 x 25 12 PR with L3 tread	16PR L3
8.2	Shall have construction equipment type rims with valves for filling with chloride solution	YES
9.0 OPERATING WEIGHT		
9.1	Shall be 30,600 pounds minimum with standard equipment, excluding optional ballast or chloride filled tires	28,771 lbs.
10.0 BUCKET		
10.1	Shall be all-purpose 3.0 cubic yard minimum	YES
10.2	Shall have a bolt on cutting edge	YES
10.3	Width shall be equal to or in excess of the outside width of the tires	YES
10.4	Lifting, lowering, dumping, and tilting of the bucket shall be actuated by power hydraulic means	YES
10.5	Bucket action shall be provided for tilting the bucket independently of the lifting arm action with automatic return to dig	YES
11.0 TIPPING LOADS		
11.1	The operating and tipping loads required below shall take into account the additional weight of the front mounted attachment coupler	YES
11.2	Operating load shall be 9,500 pounds minimum	9,421 lbs.
11.3	Tipping load straight shall be 21,800 pounds minimum	20,721 lbs.

11.4	Tipping load in full turn shall be 19,000 pounds minimum	18,842 lbs.
11.5	Breakout force shall be 29,900 pounds minimum	22,299 lbs.
12.0 QUICK ATTACH COUPLER SYSTEM		
12.1	Dumping clearance (cutting edge) at maximum height and 45° dump angle shall be 11 feet minimum	9'1"
12.2	Coupler system shall consist of one (1) male and two (2) female adaptors as well as the necessary hydraulics and controls	YES
12.3	Male adaptor shall be pinned to the loader arm linkage in place of the bucket	YES
12.4	Female adaptors shall be compatible with the male adaptor and shall incorporate two (2) pin bosses which shall accept the male coupler locking pins	YES
12.5	Coupler shall be compatible with the full range of available loader attachments	YES
12.6	One (1) female adaptor shall be integrally installed on the loader bucket	YES
12.7	One (1) female adaptor shall be integrally installed on the forklift attachment	YES
12.8	Make shall be American Coupler System	JRB compatible
12.9	Model shall be Pro Series 2000	416
13.0 FORKLIFT ATTACHMENT		
13.1	Shall be integrally fitted with a female coupler adaptor as described in Section 12	YES
13.2	Tine length shall be 72 inches minimum	YES
13.3	Ground to top of tine clearance shall be 11 foot minimum	11'5"
13.4	Fork width outside to outside of tine shall be 58 inches minimum	YES
14.0 AUTOMATED LUBRICATION SYSTEM		
14.1	Loaders shall have a Lincoln Quicklub® 203 automated lubrication system	YES
LOADER – 4 WHEEL DRIVE, ARTICULATED, 3.0 CUBIC YARD MINIMUM CAPACITY		
Make Offered:		JOHN DEERE
Model Offered:		544G

32. - Spec. No. 05-00051.23		Bidder Response (Indicate acceptance and/or provide alternate)
CRAWLER DOZER (30HP & UP)		
1.0 PERFORMANCE		
1.1	Tops speed at full throttle on clear, level ground shall be a minimum of 6.0 MPH	yes
1.2	Tractor must be capable of developing and sustaining a minimum of 6,500 pounds of draw bar pull at 3.0 mph for fire plow operation	yes
2.0 ENGINE		
2.1	Diesel fueled, Minimum 85 net horsepower per latest issue of SAE J1349	yes
2.2	Engine compartment shall be enclosed	yes
2.3	Fan must be blower type, with a finger guard around it	yes
2.4	Radiator must be suitable for forestry applications	yes
2.5	Radiator shall be designed to reduce clogging from airborne debris	yes
2.6	Cooling system shall be filled with suitable antifreeze with a minimum protection level of -30 degrees F.	yes
2.7	Coolant conditioner shall be provided per manufactures recommendations	yes
2.8	Combustion air intake shall be designed to prevent damage from limbs and other objects	yes
2.9	Air cleaner shall be a dry type safety element with a pre cleaner	yes
2.10	Precleaner shall be protected by a perforated guard that serves as a prescreen	yes
2.11	Restriction indicator shall be provided and be visible from the operators seat	yes on monitor
2.12	Exhaust system must meet US forestry service spark arrestor requirements (Standard 5100).	Yes Turbo
2.13	An exhaust driven turbo charger must also meet Standard 5100	yes
2.14	Exhaust must be muffled to meet or be less than OSHA limits for noise level for construction or forestry equipment	yes
2.15	Exhaust parts located outside the engine compartment shall be inboard and below the level of the limb risers	yes
2.16	Flexible pipe sections must be stainless steel	yes
2.17	Exhaust system shall be weatherproof and protect the engine from rainfall during idle periods	yes
2.18	Muffler shall be protected from rain and soot sludge with a stainless steel shield	yes
2.19	Mufflers and other large exhaust components shall be mounted in the engine compartment	yes
2.20	Fuel-water separator shall be Underwriters Lab(UL) approved fuel water separator with a spin on replaceable element.	yes
2.21	Fuel water separator shall be mounted with the removable element and drain at the bottom	yes
2.22	Primary spin-on replaceable fuel filter shall meet UL Standards, with the removable element and drain at the bottom	yes
2.23	Fuel tank shall be equipped with a drain valve	yes
2.24	Manual fuel pump priming pump shall be provided	yes

2.25	All fuel lines must be metal or metal reinforced hoses	yes
2.26	All hose connections will be threaded with SAE or flat faced O-ring connectors only	yes
2.27	Fuel tank shall be metal construction	yes
2.28	Engine equipped with a 120 Volt block heater for the coolant system	yes
2.29	Engine to be equipped with a spin on oil filter and a full pressurized lube system	yes
3.0 DRIVETRAIN		
3.1	Transmission shall be hydrostatic drive	yes
3.2	Hydrostatic transmission must be dual path design with load sensing, anti-stall and "counter rotation"	yes
3.3	Unit must be capable of "power turns" with a constant turning radius at any travel speed	yes
3.4	Steering shall be controlled by a single lever joy stick which:	yes
	a. Must control forward and reverse	yes
	b. Must control counter rotation	yes
	c. Forward and reverse must automatically detent into the engaged position	yes
	d. Detent must be able to hold the joystick in position no mater what type of terrain the unit is on	yes
	e. Travel speed must be controlled by a separate control, and be able to be set at a constant speed with out driver input	yes
3.5	An indicator must warn driver when counter rotation is about to be activated	no
3.6	Test ports must be provided for hydrostatic transmission diagnosis	yes
3.7	Provide a gauge at operator control panel to show transmission charge pressure	monitor
3.8	Hydrostatic hydraulic oil will have a spin-on oil filter, if provided drain shall be at the bottom	yes
4.0 UNDERCARRIAGE		
4.1	Track gauge shall be either 57 inches or 65 inches	61
4.2	Track shoes shall be center mounted single grouser type. Pad width will be either 16 inch or 24 inch	18/24
4.3	Track length shall be at least 88 inch's, with a contact area of 2750 or 4125 square inches	exceeds
4.4	Each track shall have a minimum of six (6) track rollers	yes
4.5	Track ground pressure shall be between 4.32 and 5.99 pounds per square inch (PSI)	better
4.6	Track adjusters shall be hydraulic with covered grease points	yes
4.7	Recoil springs shall be covered and equipped with over-pressure protection	for recoil springs
4.8	Each track shall have a minimum of one (1) carrier roller	yes
4.9	Track chain shall be sealed and lubricated	max life
4.10	Rollers and idlers shall be provided with lifetime lubrication	max life
4.11	Seals on rollers and idlers shall be face type, metal to metal	n/a
4.12	All under carriage components, including roller frames, idlers, rails, sprockets, rollers and shoes will be heavy duty type, capable of continues use	yes
4.13	Sprockets shall be equipped with rock guards	yes
4.14	Both ends of track grouser shall be clipped on a 45 degree angle	yes
4.15	Six (6) track pads on each track shall be equipped with key slots for insertion and retention of a 1/2 inch chain, centered in pad	yes
	a. Key slots shall accept and retain both 3/8 and 1/2 inch size chain	yes
	b. These modified pads are to be evenly spaced around the track chain	yes
	c. The shape and location of this modification to the pad must be approved by the manufacturer	yes
5.0 CHASSIS		
5.1	Engine compartment front grill must be rated for extreme service in forestry application	yes
5.2	Grill must be removable, and louvered, and not restrict air flow to the engine	yes
5.3	Cowl/hard nose around the radiator shall incorporate a grill guard and be a minimum of 1/2 inch thick	yes
5.4	All other exterior panels of this shroud nose shall be constructed of steel material and be a minimum of 1/2 inch thick	yes
5.5	All non protected exterior exposed sheet metal along the side of the unit that is inboard of the inside edge of the tracks shall be minimum of 0.100 inches thick	yes
5.6	All non protected exterior sheet metal along the side of the unit that protrudes beyond the inboard edge of the tracks shall be a minimum of 0.160 inches thick	yes
5.7	All non protected exterior sheet metal at the rear of the tractor shall be a minimum of 0.160 inches thick	yes
5.8	Engine side compartment panels shall be quick release, with out the use of tools	yes
5.9	Tractor must be equipped with a full length, heavy duty bottom guard	yes
5.10	Bottom guard shall be a minimum of 1/2 inch thick	yes
	Bottom guard must include a bolt-on bottom access hatch located at the lowest part of the guard for debris clean out	yes
5.11	Bottom guard may be omitted under transmission, if the manufacturer warrants the transmission case to serve as the bottom guard	yes

5.12	Tractor shall be equipped with a closed eye, front tow hook	yes
5.13	Access for all routine and daily maintenance shall be convenient and not require the use of hand tools	yes
5.14	Tractor shall be equipped with a vandal protection package to allow locking of all fill points or there compartments	yes
5.15	All locks for vandal protection shall be keyed alike, and 2 sets of keys shall be provided	yes
5.16	All liquid fill points are to be labels as to the type of fluid used (i.e. diesel fuel, hydraulic oil, engine oil, etc..)	yes
5.17	Two (2) tie down rings shall be provided on each roller frame	yes
5.18	These rings shall be sized to meet federal transpiration safety regulations, and be located to minimizes exposure to damage	yes
5.19	Ground clearance shall be a minimum of 13 inches as defined by the latest SAE J1234 rules	yes
6.0 HYDRAULIC SYSTEM		
6.1	Hydraulic pump shall be a gear type with a minimum flow rate of 15 gallons per minute(GPM).	yes
6.2	System pressure (main relief valve) shall be set to 2800 - 3000 psi	yes
6.3	Hydraulic system shall be equipped with a spin on filter and if equipped with drain valve at the bottom	yes
6.4	All metal hydraulic tubing shall be pre-painted or treated to prevent corrosion	yes
6.5	Tubing shall be securely mounted to prevent damage or chaffing	yes
6.6	Hydraulic oil reservoir(s) shall be of metal construction	yes
6.7	Blade controls shall be on a single T-bar control	yes
6.8	Blade lift valve shall include a float position	yes
6.9	Blade lift and tilt cylinders must have steel hose and fittings guards	yes
6.10	All hoses routed to the blade and all exposed hydraulic fittings must be adequately guarded	yes
7.0 ADDITIONAL VALVE SECTIONS FOR FIRE PLOW CONTROL		
7.1	Three additional valve sections to be included: Two(2) valve sections with control levers easily accessible to the operator and one (1) valve section with out control lever shall be provided in addition to the valve sections required for dozer blade control. Specifications for each added spool section are as follows:	5 section
	a. 4 way, 4 position spool with float, mounted closest to the operator, This spool must provide a float position with a detent to hold the spool in this position with operator assistance, all other spool positions are to be spring return to neutral. Float position must be engaged with the spool control lever in its most forward position. NO work port relief valves are to be installed in this section. Actuation controls for this section shall be provided and located in line with and just outboard of the T-bar blade control (closest to the operator)	yes
	b. 4 way, 3 position spool, all spool work positions are to be spring return to neutral. An adjustable work port relief, set at 2800 - 3000 psi, in the port pressurized when the valve control handle is pushed forward, and an adjustable, work port relief, set at 1800 - 2000 psi, in the port pressurized when the valve control handle is pulled back, shall be installed in this section. Actuation controls for this section shall be provided and located in line with and just out board of the valve specified in a above. (next section away from operator)	yes
	c. 4 way, 3 position spool, all spool work positions are to be spring return to neutral. An adjustable work port relief, set at 100 - 1500 psi, shall be installed in the work port activated when the valve spool is pulled out and an adjustable , 1500 - 3000 psi work port relief valve shall be installed in the work port pressurized when the valve section spool is pushed in. Actuation controls for this section shall be provided by the customer. One (1) control lever boot shall be provided with each unit ordered.	yes
8.0 DOZER BLADE		
8.1	Dozer blade shall be mounted on an all hydraulic controlled heavy "C-frame" shall be inboard of the tracks	yes
8.2	Power lift, angle, and tilt functions shall be provided for the blade	yes
8.3	Blade Specs	
	a. LT narrow blade: 90 inches	97
	b. LT standard blade: 97 inch's	105
	c. LGP Narrow Blade: 115 inches	yes
	d. LGP standard blade 124 inches	yes
8.4	Blade pitch shall be adjustable	yes
8.5	All necessary parts or special tools required to adjust the blade pitch shall be supplied with each unit	yes
8.6	Dozer blade shall be equipped with a structure extending fifteen (15) to eighteen (18) inches above the top of the blade intended to reduce debris from coming over the top of the blade	yes
	a. This structure shall be as wide as the grill at the top and consist of a 2"x4"x3/16' wall rectangular tube work framework with minimum of six (6), 1/2"x 2" flat bars installed vertically within the frame work.	yes

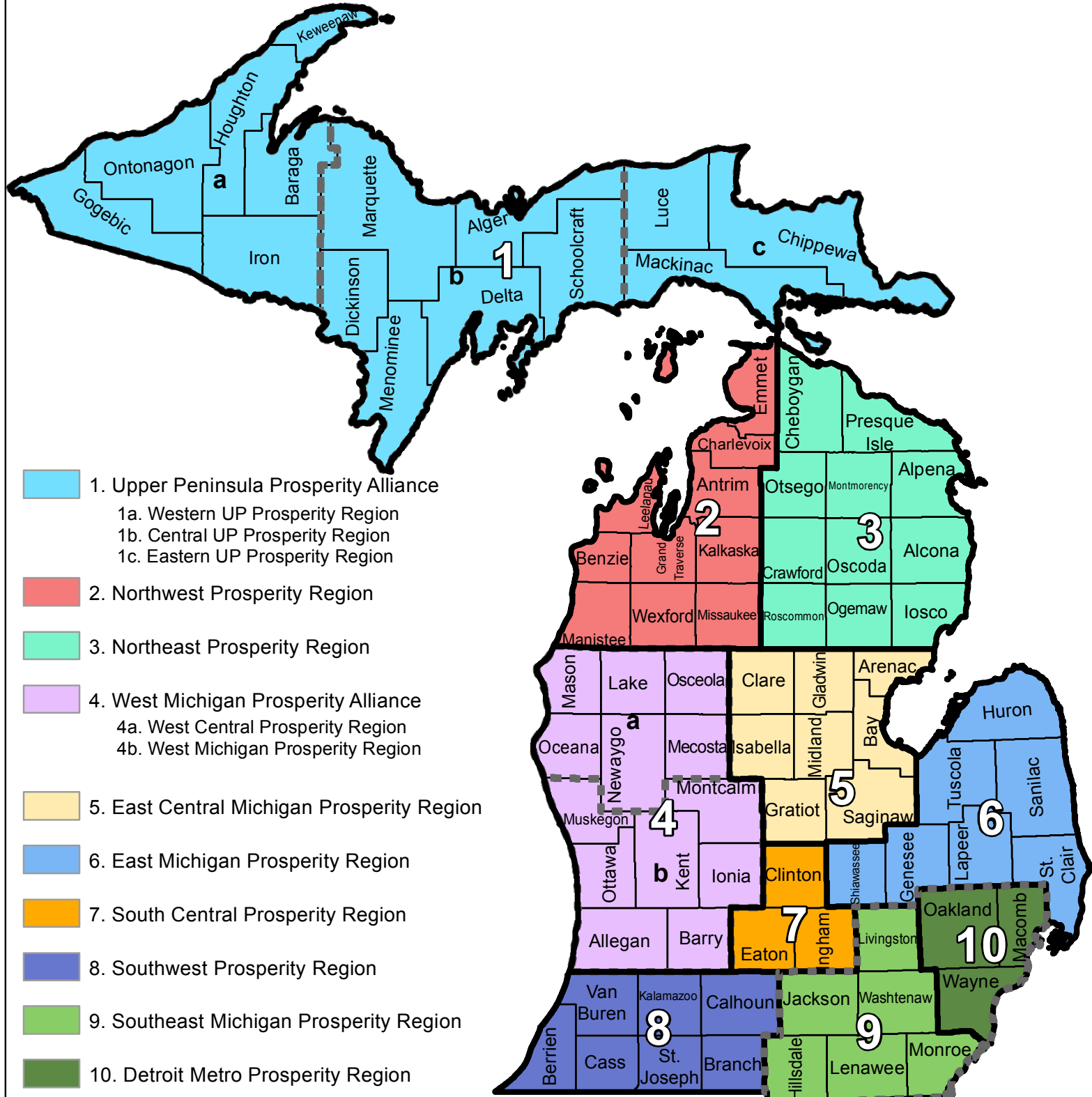
	b. This structure shall be an open frame work and the components of this structure shall be installed with the narrow edge forward to reduce the visual restriction to the operator.	yes
	c. The front face of this structure shall lean forward approximately five (5) degrees relative to the back of the surface of the blade	yes
9.0 ROPS CANOPY & OPERATOR PROTECTION		
9.1	Cab height shall not exceed 108" overall (113" including grousers and strobe light)	114
9.2	Cab shall be a fully enclosed environmental cab with sound suppression, isolation mounted	yes
9.3	ROPS (roller over protective structure) shall meet the specification requirements as per the latest issues of SAE J1040, J231, and fully certified	yes
9.4	Operator protective structures shall meet the requirements of the latest issue of SAE J1084, OSHA 29CFR 1910.266 and MIOSHA Part 51 R408.15144	yes
9.5	Operators station to be equipped with headliner, floor-mat, adjustable foot rests and adjustable armrests	yes
9.6	Cab windows shall be made of polycarbonate glazed LEXAN or equivalent	no
9.7	All cab windows shall be tinted per the latest issue of SAE J674, and shall comply with ANSI Z-26.1	yes
9.8	Window molding shall be heat resistant	yes
9.9	The operators compartment shall be protected on all sides.	yes
	a. This protection shall include screening in all open areas of the standard operators compartment	yes
	b. Screens shall be constructed of woven or welded wire mesh	yes
	c. Each end of each wire shall be securely welded into position	yes
	d. All screens shall be painted black	yes
	e. The dozer manufacture or ROPS certifier must approve all additions to the ROPS	yes
9.10	Screening shall be installed such that it has minimal affect on the operators vision	yes
9.11	All screens shall be heavy duty with the wire diameter being one-fourth (1/4)inch	laser cut screens
9.12	The openings in the wire mesh shall be one and three-fourths (1-3/4) inches square except as noted below	yes
	a. All screens that are on the rear of the dozer shall have openings that are one (1- 3/4) inch square	yes
	b. All non rear facing screens that extend vertically down below the seat level of the operator's seat shall be made of material that has opening that are one (1) inch square in the bottom portion of the screen	yes
	c. The height of this bottom portion shall be defined as one-fourth (1/4) to one-third (1/3) of the distance between the floor of the operators compartment and the top of the ROPS, but no higher than the seat level of the operator's seat	yes
9.13	Entrance doors shall be provided on both sides of the operator's compartment	yes
9.14	Windows in the doors shall be protected by woven wire cloth screens on the outside of the windows	yes
	a. The screens shall be constructed of 1/4 inch diameter wire with square openings of 1-1/2 x1-1/2 to 1-3/4 x 1-3/4 inches and comply with the latest issue of SAE J1084	laser cut screens
9.15	Door latches shall be operable with one hand	yes
9.16	Doors shall be lockable	yes
9.17	Door latches shall be protected from inadvertent release or damage by brush, and shall be industrial quality suitable for intended use	yes
9.18	3 inch wide lap seat belt with metal to metal fasteners per latest issue of SAE J386 shall be provided	yes
9.19	Operators seat shall be a cloth covered, deluxe, suspension seat with arm rests that is adjustable for operators weight, leg/arm reach and back angle, adjustable lumbar support, and adjustable seatback extension	yes
9.20	The operators seat shall conform to the latest issue of SAE J899	yes
9.21	Front windshield shall be equipped with operator controlled wiper and washer system	yes
9.22	Washers system reservoir shall have a capacity of 1/2 gallon minimum capacity	yes
9.23	Unit is to be equipped with factory approved limb risers, one on each side	yes
9.24	If limb riser design is not direct from the manufacture, the design shall be approved by the manufacture and the purchaser	yes
9.25	Limb risers are to be isolation mounted	yes
9.26	Limb risers shall be of the straight line, point to point design (from a straight line from the outside, top, front corner of the radiator cowl/hood nose to the top, outside front corner of the ROPS	yes
9.27	Limb risers shall be constructed out of square tubing not less than three (3) inches square with a three - sixteenths (3/16) wall thickness, or round tubing or pipe not less than three and one-half (3-1/2) inches out side diameter and a three-sixteenth (3/16) inch wall thickness	yes
9.28	Operator's cab shall be equipped with a heating, ventilating, and air conditioning (HVAC) system	yes

9.29	The HVAC system shall be capable of maintaining the interior cab within a temperature range of 65-75 degrees F in sunny conditions with the outside ambient temperature between 20 and 100 degrees F	yes
9.30	No components of the HVAC system shall increase the overall height of the dozer	yes
9.31	Components of the HVAC system not inside the cab or compartment shall be protected from damage from trees, tree limbs and brush	yes
9.32	The fan for the HVAC system shall be capable of maintaining the interior cab air pressure at a minimum level of 50 Pa and a maximum level of Pa above the exterior atmospheric pressure, per the latest issue of SAE J1503	yes
9.33	All incoming air shall be filtered through a spark arresting screen	yes
9.34	A high efficiency particulate element (HEPA) or other approved particulate filter media, and an active carbon element	yes
9.35	The particulate filter media shall have an efficiency rating of 93 DOP at 0.5 micron, the media material shall be fiberglass	yes
9.36	The active carbon element(s) shall have an activity rating of 60 Minimum	yes
9.37	Any externally mounted filters shall be protected from bush and weather damage	yes
9.38	In addition to the HVAC fan an operator controlled fan for circulating the air inside the cab shall be installed, this fan shall be a Red Dot model no. 73R9063 or approved equivalent	yes
10.0 ELECTRICAL SYSTEM		
10.1	Electrical system shall be 12 volt and shall meet the requirements of the latest issue of SAE J821	24V
10.2	Alternator shall have a minimum capacity of at least 90 amps	100AMP
10.3	Dual 12 volt storage batteries(low maintenance design) with a minimum of 190 minutes reserve capacity and 950 CCA each	yes
10.4	A manual master electrical system disconnect switch shall be provided	yes
10.5	Lighting	yes
	a. Two (2) LED work lights mounted on the grill	yes
	b. Two (2) LED work lights mounted overhead, facing forward, angled outward	yes
	c. Two (2) LED work lights mounted inside the rear screen facing rearward	yes
	d. All lights to be mounted to reduce glare or reflection back on the operator	yes
	e. All lights to be switched indecently and readily accessible from the operators station, and clearly labeled	yes
	f. All lights to be wired to independent circuit breakers	yes
10.6	Engine starter shall be 12 volts	24V
10.7	Electronic monitoring system shall be provided to monitor all internal operating systems to include the following:	
	a. Audible and/or visible alarms for the charging system, hydraulic and transmission filter restrictions', engine coolant tempter, engine oil pressure, air cleaner restriction, and seat belt.	yes
10.8	Gauges shall be provided for the following:	
	a. Engine oil pressure	yes
	b. Engine coolant tempter	yes
	c. Electric hour meter activated by engine oil pressure or alternator operation	yes
	e. Fuel level	yes
10.9	Operator controlled interior lighting, that will illuminate the entire cab	yes
10.10	12 Volt power port with a minimum capacity of 20 amps labeled to show the rated amp capacity	yes
10.11	The dozer will be equipped with one adequately guarded white strobe light	yes
10.12	Strobe light will be mounted high on the unit and near the rear of the operators compartment	yes
10.13	Strobe light shall be directly visible 360 degrees around the dozer	yes
10.14	Strobe light shall be directly visible from any position overhead and/or by aircraft working a fire	yes
10.15	The strobe light shall have a non-hypnotic flash pattern	yes
10.16	Strobe light must be wired to operate any time the ignition key is in the on position, with no provision to turn it off	yes
10.17	Strobe light is to be on its own circuit with a circuit breaker for protection	yes
11.0 WEIGHTS & DIMENSIONS		
11.1	The SAE operating weight shall not exceed 20,622lbs, with all of the above mentioned attachments installed	no
11.2	Overall machine height(as defined by SAE J1234) shall not exceed 113 inches with all of the above mentioned attachments installed	114
11.3	Overall machine width less the front blade shall be no more than 89 inches	yes
12.0 SAFETY ITEMS		
12.1	Tractor shall be equipped with a back-up alarm, per the latest issue of SAE J994, Type A 12 volt 112-db (A)	yes
12.2	Tractor shall be equipped with a warning horn, per the latest issue of SAE J1446 and J1105	yes
12.3	Service, secondary and parking brake systems must meet the requirements of the latest issue of ISO 10265	yes

12.4	Tractor shall be equipped with self-cleaning, anti-skid surfaces and hand holds as needed for safely mounting and dismounting the tractor, and for all maintenance operations normally performed daily, per the latest issue of SAE J185	yes
12.5	Grab handles shall be provided at each rear corner of the tractor	yes
12.6	Tractor shall be equipped with a convex mirror, mounted inside the operators compartment	yes
12.7	Tractor shall be equipped with one (1) ten pound BC dry chemical fire extinguisher per the requirements of the latest issue of SAE J1212	yes
12.8	Tractor must conform to the latest issue of SAE J1212, fire prevention on forestry equipment	yes
12.9	Tractor shall be equipped with provisions to prevent unauthorized starting and movement of the machine per the latest issue of SAE J1083	yes
12.10	Safety signs and labels shall meet the requirements of the latest issue of SAE J115	yes
13.0 PAINT		
13.1	Except as noted below, the visible exterior of the tractor is to be painted with an Acrylic enamel or better paint.	yes
13.2	Color to be: Navistar 2023 Carnival Red T-1y12, KX - 2y 186 or approved equivalent	yes
13.3	Operator brush screens and limb risers to be painted black	yes
13.4	Hood is to be painted a non-glare gray or charcoal color	yes
14.0 SPECIAL CONDITIONS		
14.1	In addition to the equipment specified, the tractor shall be equipped with all standard equipment provided by the manufacture for commercial or industrial use as specified in literature published by the manufacture	yes
14.2	Tractor shall comply with all federal and state safety regulations and standards	yes
14.3	Supplier shall be responsible for delivering the tractor properly serviced, clean, and in first class operating condition.	yes
14.4	Pre-delivery service shall include:	yes
	a. Complete lubrication	yes
	b. Verification of proper engine settings	yes
	c. Adjust tracks to proper tension	yes
	d. Check and fill all fluids	yes
14.5	Each unit shall come with four(4) parts manuals	yes
14.6	Each unit shall come with four (4) operators manuals	yes
14.7	Each unit shall come with three (3) service/technical manuals	yes
14.8	After delivery and acceptance of units, training shall be provided for 8-10 Michigan DNR heavy equipment mechanics at a location in Michigan	yes
14.9	Training shall include but not be limited to system functions/operations and diagnostics for the electrical, hydrostatic, mechanical drive train, engine, and hydraulics systems for the model(s) ordered	yes
14.10	Michigan DNR mechanics shall be able to adjust, calibrate, diagnose, rebuild, repair and test the model(s) specified above upon completion of the training	yes
14.11	Three (3) copies of any manuals, software, special tooling, etc.. required to perform the tasks covered in this training shall be provided	yes
14.12	The Manufactures warranty must be a minimum of twelve months (12), full coverage.	yes
14.13	This unit will require 6 to 9 months to outfit for its intended use. Warranty shall begin when this unit is placed in to service as determined by the user, Dealer shall provide the means for user to contact manufacture to begin warranty	yes
14.14	Copies of the manufactures warranty and certificate of origin shall be provided for each unit ordered, with the invoice	yes
14.15	Tractor out fitting shall be performed at an authorized facility, approved by both the tractor manufacture and the Michigan Department of Natural Resources	yes
CRAWLER DOZER (30HP & UP)		
Make Offered:		JOHN DEERE
Model Offered:		550 P

SCHEDULE E

State of Michigan Prosperity Regions



- 1. Upper Peninsula Prosperity Alliance
 - 1a. Western UP Prosperity Region
 - 1b. Central UP Prosperity Region
 - 1c. Eastern UP Prosperity Region
- 2. Northwest Prosperity Region
- 3. Northeast Prosperity Region
- 4. West Michigan Prosperity Alliance
 - 4a. West Central Prosperity Region
 - 4b. West Michigan Prosperity Region
- 5. East Central Michigan Prosperity Region
- 6. East Michigan Prosperity Region
- 7. South Central Prosperity Region
- 8. Southwest Prosperity Region
- 9. Southeast Michigan Prosperity Region
- 10. Detroit Metro Prosperity Region
- Service Delivery Regions

**Schedule F - Trailer Wiring
Diagram**



(Use Std J560 Connector)

All Non-Tractor/Trailer Non-ABS Truck-End (Viewed from Wire Side of Plug)

Rev Date: 03/04/2015

