

AMENDMENT TO AIA DOCUMENT A134 – 2009 STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER AS CONSTRUCTOR WHERE THE BASIS OF PAYMENT IS THE COST OF THE WORK PLUS A FEE WITHOUT A GUARANTEED MAXIMUM PRICE BETWEEN THE BOARD OF EDUCATION OF LINCOLNWOOD SCHOOL DISTRICT NO. 74 AND Z3 SOLUTIONS, LLC DATED 2015

THIS AMENDMENT is entered into by and between the Board of Education of Lincolnwood School District No. 74 and Z3 Solutions, LLC an Illinois Limited Liability Company and modifies the Agreement referenced above.

1. **Terms and Conditions.** This Amendment modifies the terms and conditions of the Agreement as specifically set forth herein. Capitalized terms herein shall have the same meaning as set forth in the Agreement unless otherwise defined herein. Any conflict between this Amendment and the Agreement shall be resolved in favor of this Amendment.
2. **Project.** The Project is Phase II Renovations to gymnasium, hallways and classrooms at Lincoln Hall School.
3. **Contract Documents.** The Exhibits defined in Section 1.1 of the Agreement are replaced with the Exhibits A – M attached hereto.

- Exhibit A - Final Cost Estimate Sum, Schedule of Values and Clarifications
- Exhibit B - List of Drawings & Specifications
- Exhibit C - Compensation
- Exhibit D - Construction Manager's Equipment Rental Rate
- Exhibit E - Certificate of Insurance
- Exhibit F - Construction Manager's Standard Supervisory and Administrative Personnel Rates
- Exhibit G - Construction Manager's Key Personnel
- Exhibit H - Management Reimbursable Costs
- Exhibit I - Supplementary and Other Conditions (Not Applicable)
- Exhibit J - Approved Final Construction Schedule
- Exhibit K - Schedule of Design Intent Documents (Not Applicable)
- Exhibit L - Liquidated Damages
- Exhibit M - Construction Reimbursable Standard Trade Labor Rates

THIS AMENDMENT shall be effective as of April 6th, 2017.

Z3 SOLUTIONS, LLC

By: 
Its: **President**

BOARD OF EDUCATION OF LINCOLNWOOD SCHOOL DISTRICT NO. 74

By: _____
Its: _____

ATTEST:

By: _____
Its: **Secretary**



PROJECT NO. 16123

Phase 2: Lincoln Hall Remodeling

6950 N. East Prairie Road
LINCOLNWOOD, ILLINOIS 60712

Print Date 4/4/2017
Budget Date 3/30/2017

SF 21,660

CSI CODE	TRADE DESCRIPTION	Budget Amount	Cost per SF
0150	Temporary Protection/Construction	\$ 194,500	\$8.98
0155	Layout	\$ 5,000	\$0.23
0202	Demolition	\$ 309,800	\$14.30
0290	Landscaping	\$ 29,531	\$1.36
0330	Concrete	\$ 118,200	\$5.46
0420	Masonry	\$ 339,500	\$15.67
0550	Misc Metals & Structural Steel	\$ 54,000	\$2.49
0610	Carpentry	\$ 301,500	\$13.92
0640	Millwork	\$ 392,931	\$18.14
0750	Roofing	\$ 201,768	\$9.32
0870	Doors/Frames/Hardware	\$ 93,946	\$4.34
0880	Glass & Glazing	\$ 127,709	\$5.90
0925	Drywall	\$ 167,850	\$7.75
0926	Acoustical Ceilings	\$ 172,028	\$7.94
0930	Ceramic Tile	\$ 46,500	\$2.15
0964	Gym Flooring	\$ 92,200	\$4.26
0965	Resilient & Carpet Flooring	\$ 274,000	\$12.65
0991	Painting	\$ 67,525	\$3.12
1530	Plumbing	\$ 75,949	\$3.51
1540	Fire Protection	\$ 318,000	\$14.68
1570	HVAC	\$ 786,000	\$36.29
1600	Electrical	\$ 767,000	\$35.41
8000	OSHA Safety	\$ 30,000	\$1.39
8100	Owner Assisted Activities	\$ 31,520	\$1.46
8200	Watchmen Service	\$ 20,000	\$0.92
8300	Final Clean	\$ 50,000	\$2.31
9100	Management Reimbursables	\$ 301,080	\$13.90
9200	Construction Reimbursables	\$ 103,620	\$4.78
9300	Permits	\$ -	\$0.00
9900	General Allowances	\$ 80,000	\$3.69
	Subtotal Trades	\$ 5,551,657	\$256.31
9400	General Liability Insurance	\$ 55,517	\$2.56
9500	Fee	\$ 196,251	\$9.06
9600	Payment & Performance Bond	\$ 14,411	\$0.67
	FINAL COST ESTIMATE	\$ 5,817,836	\$ 268.60

21,660 SF

CODE	TRADE DESCRIPTION	QTY	U/M	UNIT RATE	TOTAL
0150	<u>Temp Protection/Construction</u>				
	Construction Fence	500	LF	10.00	\$ 5,000
	General Labor	12	WK	4,400.00	\$ 52,800
	Dumpsters (no street permit fees figured)	60	EA	450.00	\$ 27,000
	Temp Protect Finished Surfaces (Corridors)	845	LF	40.00	\$ 33,800
	Temp Ceiling For MEP's in Remote Areas	1	LS	7,500.00	\$ 7,500
	Temp Protect Door Openings (By Door Leaf)	131	EA	100.00	\$ 13,100
	Protect Elevator/Repairs	1	LS	8,500.00	\$ 8,500
	Landing Platforms	1	LS	16,000.00	\$ 16,000
	South Elevation Trash Chute	1	LS	5,000.00	\$ 5,000
	Scissors Lift	1	LS	6,000.00	\$ 6,000
	Courtyard Window Protection	290	LF	20.00	\$ 5,800
	Temporary Walls	200	LF	70.00	\$ 14,000
0150	Total Temp Protection/Construction				\$ 194,500
0155	<u>Layout</u>				
	Layout	1	LS	5,000.00	\$ 5,000
0155	Total Layout				\$ 5,000
0202	<u>Demolition</u>				
	Interior Demolition	1	LS	302,800.00	\$ 302,800
	Alternate No. 1	1	LS	7,000.00	\$ 7,000
0202	Total Demolition				\$ 309,800
0290	<u>Landscaping</u>				
	Courtyard Landscaping	1	LS	29,531.00	\$ 29,531
0290	Total Landscaping				\$ 29,531
0330	<u>Concrete</u>				
	Concrete	1	LS	118,200.00	\$ 118,200
	Excavation - Included	1	LS	0.00	\$ -
	Misc. Site Utilities - Included	1	LS	0.00	\$ -
0330	Total Concrete				\$ 118,200
0420	<u>Masonry</u>				
	Interior Masonry	1	LS	325,200.00	\$ 325,200
	Alternate No. 1	1	LS	14,300.00	\$ 14,300
0420	Total Masonry				\$ 339,500

21,660 SF

CODE	TRADE DESCRIPTION	QTY	U/M	UNIT RATE	TOTAL
0550	<u>Misc. Metals & Structural Steel</u>				
	Miscellaneous Metals & Structural Steel	1	LS	54,000.00	\$ 54,000
0550	Total Misc. Metals & Structural Steel				\$ 54,000
0610	<u>Carpentry</u>				
	Carpentry	1	LS	287,000.00	\$ 287,000
	Alternate No. 1A	1	LS	14,500.00	\$ 14,500
0610	Total Carpentry				\$ 301,500
0640	<u>Millwork</u>				
	Millwork & Science Laboratory Equipment	1	LS	392,931.00	\$ 392,931
0640	Total Millwork				\$ 392,931
0750	<u>Roofing</u>				
	Roofing	1	LS	201,768.00	\$ 201,768
0750	Total Roofing				\$ 201,768
0870	<u>Doors & Hardware</u>				
	DOOR FRAME & HARDWARE ASSEMBLIES	1	LS	93,946.00	\$ 93,946
0870	Total Doors & Hardware				\$ 93,946
0880	<u>Glass & Glazing</u>				
	Glass & Glazing	1	LS	51,027.00	\$ 51,027
	Alternate No. 1	1	LS	76,682.00	\$ 76,682
0880	Total Glass & Glazing				\$ 127,709
0925	<u>Drywall</u>				
	Drywall	1	LS	167,850.00	\$ 167,850
0925	Total Drywall				\$ 167,850
0926	<u>Acoustic Ceiling Tile</u>				
	All Ceilings	1	LS	159,028.00	\$ 159,028
	Alternate No. 2	1	LS	13,000.00	\$ 13,000

21,660 SF

CODE	TRADE DESCRIPTION	QTY	U/M	UNIT RATE	TOTAL
0926	Total Acoustic Ceiling Tile				\$ 172,028
0930	Ceramic Tile				
	Ceramic Tile Flooring	1	LS	46,500.00	\$ 46,500
0930	Total Ceramic Tile				\$ 46,500
0964	Wood Flooring				
	Gymnasium Wood Flooring	1	LS	92,200.00	\$ 92,200
0964	Total Wood Flooring				\$ 92,200
0965	Resilient Flooring & Carpet				
	Carpet, Epoxy Flooring, Resilient Flooring and Athletic Floor	1	LS	274,000.00	\$ 274,000
0965	Total Resilient Flooring & Carpet				\$ 274,000
0991	Painting				
	Painting	1	LS	63,725.00	\$ 63,725
	Alternate No. 1	1	LS	1,800.00	\$ 1,800
	Alternate No. 2	1	LS	2,000.00	\$ 2,000
0991	Total Painting				\$ 67,525
1530	Fire Protection				
	Fire Protection	1	LS	75,949.00	\$ 75,949
1530	Total Fire Protection				\$ 75,949
1540	Plumbing				
	Plumbing	1	LS	318,000.00	\$ 318,000
1540	Total Fire Plumbing				\$ 318,000
1570	HVAC				
	HVAC	1	LS	786,000.00	\$ 786,000
1570	Total HVAC				\$ 786,000
1600	Electrical				
	Electrical	1	LS	763,500.00	\$ 763,500
	Alternate No. 2	1	LS	3,500.00	\$ 3,500

21,660 SF

CODE	TRADE DESCRIPTION	QTY	U/M	UNIT RATE	TOTAL
1600	Total Electrical				\$ 767,000
8000	<u>OSHA Safety</u>				
	OSHA Safety Costs	1	LS	30,000.00	\$ 30,000
8000	Total OSHA Safety				\$ 30,000
8100	<u>Owner Assist Activities</u>				
	Owner assist moving and haul-off	1	LS	31,520.00	\$ 31,520
8100	Total Owner Assisted Activities				\$ 31,520
8200	<u>Watchman Services</u>				
	Watchman Services	10	WK	2,000.00	\$ 20,000
8200	Total Watchman Services				\$ 20,000
8300	<u>Final Clean</u>				
	Final Cleaning	1	LS	50,000.00	\$ 50,000
8300	Total Final Clean				\$ 50,000
9100	<u>Management Reimbursable</u>				
	Preconstruction Services	1	LS	43,200.00	\$ 43,200
	Bid Phase	1	LS	33,480.00	\$ 33,480
	Management Reimbursables				
	Project Management	20	WK	5,000.00	\$ 100,000
	Superintendent	16	WK	5,400.00	\$ 86,400
	Superintendent - Saturday activities	2	WK	5,400.00	\$ 10,800
	Field Engineer	4	WK	3,800.00	\$ 15,200
	Accountant	5	BILL	2,400.00	\$ 12,000
9100	Total Management Reimbursable				\$ 301,080
9200	<u>Construction Reimbursable</u>				
	Phones	4	MO	550.00	\$ 2,200
	Internet Connectivity By Owner	0	MO	150.00	\$ -
	Field Office Phones (2 hard lines) / Communications	10	MO	250.00	\$ 2,500
	Postage / Shipping Costs	1	LS	2,000.00	\$ 2,000
	Print Reproduction	1	LS	15,000.00	\$ 15,000
	Office Supplies (includes precon service materials, monthly reporting, field office supplies)	1	LS	6,800.00	\$ 6,800
	Messenger Services	1	LS	4,000.00	\$ 4,000
	Gondolas	1	LS	1,920.00	\$ 1,920
	Clean Up	10	WK	4,400.00	\$ 44,000
	Portable Toilets	1	WK	3,600.00	\$ 3,600
	House Keeping Consumables	1	LS	2,400.00	\$ 2,400

21,660 SF

CODE	TRADE DESCRIPTION	QTY	U/M	UNIT RATE	TOTAL
	Small Tools	1	LS	4,000.00	\$ 4,000
	Field Office (10x50)	12	MO	350.00	\$ 4,200
	Field Office Skirting, Delivery & Removal	1	LS	4,000.00	\$ 4,000
	Field Office Equipment (Tables, Chairs, Phone/Fax Copy Equipment)	1	LS	7,000.00	\$ 7,000
9200	Total Construction Reimbursable				\$ 103,620
9300	Permits				
	Permit Allowance	1	LS	0.00	\$ -
9300	Total Permits				\$ -
9350	General Allowances				
	Existing Building Remodeling Allowance	1	LS	25,000.00	\$ 25,000
	General Allowance	1	LS	25,000.00	\$ 25,000
	Floor Tile Moisture Mitigation	1	LS	30,000.00	\$ 30,000
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		Project Manual	Project Manual for Phase 2 Remodeling Re-bid - 3/10/2017
		Add #1	ADDENDUM NO. 1 - 3/22/2017

EXHIBIT C

COMPENSATION

Construction Managers Fee is a Lump Sum Fee of \$567,259.00 based upon the Scope of Work identified by Arcon Associates, Inc. drawings, project manual and schedule; and includes a schedule of values for Fixed Costs and Unassigned Trade Item Line Items as follows:

FIXED COSTS:

Preconstruction Services:	\$	43,200.00
Bidding Services:	\$	33,480.00
Management Reimbursable:	\$	224,400.00
General Liability Insurance: Calculated at a rate of \$10.00/\$1,000 OF the Cost of the Work (\$5,817,323)	\$	55,517.00
Fee (Based on Cost of the work \$5,817,323):	\$	196,251.00
<u>Payment & Performance Bond (\$13.50/\$1,000):</u>	<u>\$</u>	<u>14,411.00</u>
TOTAL FIXED FEE:	\$	567,259.00

Bond costs, required by the Contract Documents and legal authorities, are a Cost of the Work and will be reimbursed by the Lincolnwood School District #74.

NOTES:

- 1) Payment for the Preconstruction Services and Bid Phase Services will be paid upon the completion of those respective services.
- 2) General Liability Insurance will be billed with the 1st Pay Request of the Construction Phase in its entirety.

COMPENSATION

UNASSIGNED TRADE ITEMS:

0150 – Temporary Construction:	\$	194,500.00
0155 - Layout:	\$	5,000.00
8000 – OSHA Safety:	\$	30,000.00
8100 – Owner Assisted Activities:	\$	31,520.00
8200 – Watchmen Services:	\$	20,000.00
8300 – Final Clean:	\$	50,000.00
9200 – Construction Reimbursables:	\$	103,620.00
9300 – Permits:	\$	0.00
9900 – General Allowances:	\$	80,000.00
Payment & Performance Bond (\$13.50/\$1,000):	\$	<u>14,411.00</u>
TOTAL UNASSIGNED TRADE ITEMS:	\$	529,051.00

Exhibit D

Construction Manager's Equipment Rental Rates
Z3 Solutions, LLC

CATEGORY/DESCRIPTION	RENTAL REVENUE		
	DAILY	WEEKLY	MONTHLY
Category : 138	1.00	1.00	1.00
Category : 229 3 Ton Portable AC	30.00	110.00	305.00
Category : 228 Air - Brad Nailer	21.00	64.00	180.00
Category : 315 Air - Compressor IR 185 CFM	68.00	215.00	597.00
Category : 316 Air - Jackhammers 65 lbs	30.00	95.00	275.00
Category : 226 Air - Metal framing nailer	21.00	64.00	180.00
Category : 227 Air - Trim Gun	21.00	64.00	180.00
Category : 225 Air Compressor - 2 HP	24.00	78.00	208.00
Category : 15 Air Tester	8.00	32.00	96.00
Category : 215 Barricades - A Frame	3.00	8.00	17.00
Category : 217 Baricades - Jersey	15.00	58.00	175.00
Category : 216 Barricares w/flashing lights	1.00	7.00	30.00
Category : 375 Bob Cat	300	950	2700
Category : 378 Bob Cat - Bucket	51.00	168.00	488.00
Category : 376 Bobcat - Forks	35.00	150.00	375.00
Category : 377 Bobcat - Grapple Bucket	61.00	190.00	552.00
Category : 280 Burning Equip - Torchs	25.00	105.00	315.00
Category : 30 Cable Puller	10.00	30.00	90.00
Category : 35 Carpet Puller	45.00	180.00	540.00
Category : 40 Cart - Drywall	20.00	60.00	180.00
Category : 42 Cart - flat	15.00	45.00	75.00
Category : 41 Cart - Pipe	20.00	60.00	180.00
Category : 101 Ceiling Containment Unit	53.00	159.00	473.00
Category : 007 Chairs For Job	1.00	2.00	4.00
Category : 50 Chipping Hammer	27.00	80.00	185.00
Category : 65 Combo Pack Saw/Drill	25.00	74.00	220.00
Category : 335 Concrete Blankets 10 - 6'x25'	30.00	170.00	680.00
Category : 336 Concrete Blankets 5 - 12'x25'	30.00	170.00	680.00
Category : 80 Door Dolly	15.00	45.00	75.00
Category : 85 Door Jig	18.00	75.00	225.00
Category : 89 Drain Cleaner Machine	30.00	170.00	510.00
Category : 90 Drill - 3/8"/1/2"	14.00	48.00	142.00
Category : 92 Drill - Cordless	15.00	56.00	162.00
Category : 91 Drill - Hammer	28.00	94.00	263.00
Category : 93 Drill - Right Angle	6.00	24.00	72.00
Category : 100 Dump cart - 1/2 yd	5.00	15.00	45.00
Category : 106 Fan - Drum 42"	20.00	80.00	240.00
Category : 105 Fan - Pedestal 30" - 36"	16.00	63.00	190.00
Category : 110 Furniture Dolly	8.00	32.00	96.00
Category : 115 Gang Box	10.00	30.00	90.00
Category : 120 Generator - 3 to 5,000 watt	30.00	115.00	345.00
Category : 125 Grinder - Hand Held	21.00	69.00	199.00
Category : 003 Healthcare Int. Tool Package	33.00	167.00	718.00
Category : 130 Heat Gun	8.00	32.00	96.00
Category : 137 Heater - Electric	20.00	50.00	125.00

Exhibit D

Construction Manager's Equipment Rental Rates
Z3 Solutions, LLC

CATEGORY/DESCRIPTION	RENTAL REVENUE		
	DAILY	WEEKLY	MONTHLY
Category : 135 Heater - Propane	25.00	100.00	300.00
Category : 143 Hoists - Manual over 10 ton	30.00	120.00	360.00
Category : 144 Hoists - Manual under 10 ton	20.00	80.00	240.00
Category : 140 Impact Wrench	20.00	65.00	167.00
Category : 002 Interior Tool Package	20.00	100.00	433.00
Category : 145 Jack Hammer Elec. 60 lb	42.00	168.00	420.00
Category : 155 Joiner	15.00	60.00	180.00
Category : 166 Ladder - 10' to 12'	11.00	30.00	57.00
Category : 167 Ladder - 24' Extension	14.00	44.00	122.00
Category : 168 Ladder - 32' Extension	21.00	68.00	165.00
Category : 169 Ladder - 40' Extension	32.00	102.00	277.00
Category : 165 Ladder - 6' to 8'	8.00	28.00	55.00
Category : 170 Laminate Trimmer	15.00	60.00	180.00
Category : 114 Lanyard Retractable - 12' to 100'	1.00	5.00	20.00
Category : 175 Laser - elec. Level	53.00	159.00	473.00
Category : 176 Level - Tripod	15.00	45.00	135.00
Category : 190 Mixer - Concrete	38.00	94.00	344.00
Category : 004 Mobile Office - 12' x 60'	32.00	160.00	340.00
Category : 195 Negative Air Unit	35.00	140.00	405.00
Category : 009 Office Trailer (Smi)	10.00	50.00	170.00
Category : 001 Out of the Ground Tool Package	27.00	136.00	584.00
Category : 200 Pallet Jack	30.00	90.00	270.00
Category : 205 Paslode - Impulse Nailer	26.00	81.00	230.00
Category : 210 Perry - Scaffold Kit	15.00	45.00	135.00
Category : 352 Pickup - 2 wd pickup	100.00	300.00	1,500.00
Category : 353 Pickup - 4 wd truck	100.00	300.00	1,500.00
Category : 220 Planer	15.00	60.00	180.00
Category : 230 Pole - Powder Shotter	8.00	22.00	58.00
Category : 235 Powder Actuate - Shotter	13.00	44.00	126.00
Category : 240 Power Finder	10.00	0.00	0.00
Category : 245 Pressure Washer-Cold 2400 PSI	50.00	162.00	460.00
Category : 246 Pressure Washer-Cold 3000 PSI	93.00	324.00	912.00
Category : 119 Radios 2 way portable	20.00	60.00	158.00
Category : 255 Router	13.00	44.00	126.00
Category : 250 Router - Roto Zip DW	12.00	38.00	103.00
Category : 25 Sander - Belt	14.00	42.00	122.00
Category : 27 Sander - Finish	10.00	42.00	122.00
Category : 260 Sander - Floor	15.00	40.00	116.00
Category : 26 Sander - Orbital	14.00	42.00	122.00
Category : 20 Saw - Band	23.00	69.00	210.00
Category : 60 Saw - Chain	39.00	137.00	400.00
Category : 285 Saw - Hand Circular	26.00	82.00	243.00
Category : 76 Saw - Hand Held 12" - 14" Gas	50.00	200.00	450.00
Category : 75 Saw - Hand Held 12"-14" Electric	35.00	135.00	405.00
Category : 77 Saw - Hand Held 16" Electric	50.00	200.00	450.00

Exhibit D

Construction Manager's Equipment Rental Rates
Z3 Solutions, LLC

CATEGORY/DESCRIPTION	RENTAL REVENUE		
	DAILY	WEEKLY	MONTHLY
Category : 150 Saw - Jig/Reciprocating Hand	12.00	38.00	103.00
Category : 160 Saw - Kett	15.00	60.00	180.00
Category : 55 Saw - Metal Chop	35.00	112.00	301.00
Category : 180 Saw - Mitre	33.00	112.00	302.00
Category : 265 Saw - Sawzall	19.00	59.00	171.00
Category : 330 Saw - Table	56.00	181.00	554.00
Category : 95 Scaffold - pipe rolling 5' w/r	29.00	29.00	79.00
Category : 96 Scaffold - Plank	7.00	9.00	17.00
Category : 305 Scaffold - Step Up	15.00	45.00	135.00
Category : 270 Screw Gun Electric Hand	11.00	44.00	126.00
Category : 275 Sheers	14.00	41.00	115.00
Category : 006 Sitelock Portable Alarm System	12.00	60.00	260.00
Category : 290 Snowblower - 13 HP	50.00	195.00	585.00
Category : 295 Spayer - Airless	45.00	180.00	540.00
Category : 300 Staple Gun	21.00	64.00	180.00
Category : 310 Stilts	20.00	60.00	180.00
Category : 008 Storage (Smi Trailer)	5.00	25.00	80.00
Category : 010 Storage unit 8"x20"	5.00	25.00	80.00
Category : 320 Suction Cups	8.00	24.00	75.00
Category : 325 Sweeper - Walk behine	30.00	120.00	325.00
Category : 005 Table for Job - 8'	7.00	14.00	36.00
Category : 117 Taping Tools	22.00	95.00	300.00
Category : 340 Track Bender	102.00	333.00	921.00
Category : 345 Trackfast	20.00	60.00	180.00
Category : 16 Trash Chute - (5) 3' Section	66.00	135.00	270.00
Category : 18 Trash Chute - 3' Section	13.00	27.00	54.00
Category : 17 Trash Chute - Intake Hopper	44.00	88.00	190.00
Category : 357 Vacuum - Hepa	45.00	135.00	405.00
Category : 355 Vacuum - upright	23.00	76.00	209.00
Category : 358 Vacuum - Wet/Dry - 55 Gal	30.00	120.00	519.00
Category : 356 Vacuum wet/dry 16gal	29.00	91.00	258.00
Category : 350 Van	100.00	300.00	1,500.00
Category : 351 Van - With Driver	540.00	2,500.00	4,000.00
Category : 360 VCT Remover	45.00	180.00	540.00
Category : 365 Water Pump - 2" w/2" hose	33.00	107.00	306.00
Category : 366 Water Pump - 3" w 3" hose	55.00	171.00	482.00
Category : 370 Welder	43.00	137.00	389.00
Category : 104 Wheelbarrow	13.00	32.00	78.00
Category : 102 Zip Wall Cart	17.00	70.00	300.00
Category : 103 Zip Wall System (6 Pole)	15.00	60.00	200.00



EXHIBIT E CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/23/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Esser Hayes Insurance Group 1811 High Grove, Suite 139 Naperville IL 60540-9100	CONTACT NAME: PHONE (A/C, No, Ext): 630-355-2077 FAX (A/C, No): 630-355-7996 E-MAIL ADDRESS:												
INSURER(S) AFFORDING COVERAGE													
INSURED Z3SOL-1 Z3 Solutions, LLC 4013 Tracey Ct. Glenview IL 60025	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">INSURER A :Cincinnati Insurance Company</td> <td style="width: 20%;">NAIC # 10677</td> </tr> <tr> <td>INSURER B :Cincinnati Casualty Company</td> <td>28665</td> </tr> <tr> <td>INSURER C :Underwriter at Lloyds London</td> <td>15792</td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER A :Cincinnati Insurance Company	NAIC # 10677	INSURER B :Cincinnati Casualty Company	28665	INSURER C :Underwriter at Lloyds London	15792	INSURER D :		INSURER E :		INSURER F :	
INSURER A :Cincinnati Insurance Company	NAIC # 10677												
INSURER B :Cincinnati Casualty Company	28665												
INSURER C :Underwriter at Lloyds London	15792												
INSURER D :													
INSURER E :													
INSURER F :													

COVERAGES CERTIFICATE NUMBER: 564403072 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS														
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			ENP0178354	1/29/2017	1/29/2018	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>EACH OCCURRENCE</td><td>\$1,000,000</td></tr> <tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$500,000</td></tr> <tr><td>MED EXP (Any one person)</td><td>\$10,000</td></tr> <tr><td>PERSONAL & ADV INJURY</td><td>\$1,000,000</td></tr> <tr><td>GENERAL AGGREGATE</td><td>\$2,000,000</td></tr> <tr><td>PRODUCTS - COMP/OP AGG</td><td>\$2,000,000</td></tr> <tr><td></td><td>\$</td></tr> </table>	EACH OCCURRENCE	\$1,000,000	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$500,000	MED EXP (Any one person)	\$10,000	PERSONAL & ADV INJURY	\$1,000,000	GENERAL AGGREGATE	\$2,000,000	PRODUCTS - COMP/OP AGG	\$2,000,000		\$
EACH OCCURRENCE	\$1,000,000																				
DAMAGE TO RENTED PREMISES (Ea occurrence)	\$500,000																				
MED EXP (Any one person)	\$10,000																				
PERSONAL & ADV INJURY	\$1,000,000																				
GENERAL AGGREGATE	\$2,000,000																				
PRODUCTS - COMP/OP AGG	\$2,000,000																				
	\$																				
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS			ENP0178354	1/29/2017	1/29/2018	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$1,000,000</td></tr> <tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr> <tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr> <tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr> <tr><td></td><td>\$</td></tr> </table>	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$		\$				
COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000																				
BODILY INJURY (Per person)	\$																				
BODILY INJURY (Per accident)	\$																				
PROPERTY DAMAGE (Per accident)	\$																				
	\$																				
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$N/A			ENP0178354	1/29/2017	1/29/2018	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>EACH OCCURRENCE</td><td>\$5,000,000</td></tr> <tr><td>AGGREGATE</td><td>\$5,000,000</td></tr> <tr><td></td><td>\$</td></tr> </table>	EACH OCCURRENCE	\$5,000,000	AGGREGATE	\$5,000,000		\$								
EACH OCCURRENCE	\$5,000,000																				
AGGREGATE	\$5,000,000																				
	\$																				
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below			EWC 0234780	3/20/2017	3/20/2018	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> PER STATUTE</td> <td><input type="checkbox"/> OTHER</td> <td></td> </tr> <tr><td>E.L. EACH ACCIDENT</td><td></td><td>\$1,000,000</td></tr> <tr><td>E.L. DISEASE - EA EMPLOYEE</td><td></td><td>\$1,000,000</td></tr> <tr><td>E.L. DISEASE - POLICY LIMIT</td><td></td><td>\$1,000,000</td></tr> </table>	<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTHER		E.L. EACH ACCIDENT		\$1,000,000	E.L. DISEASE - EA EMPLOYEE		\$1,000,000	E.L. DISEASE - POLICY LIMIT		\$1,000,000		
<input checked="" type="checkbox"/> PER STATUTE	<input type="checkbox"/> OTHER																				
E.L. EACH ACCIDENT		\$1,000,000																			
E.L. DISEASE - EA EMPLOYEE		\$1,000,000																			
E.L. DISEASE - POLICY LIMIT		\$1,000,000																			
C	Contractors Professional & Pollution Liability (Claims Made)			B0621PZSOL00011	2/10/2017	2/10/2018	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>1,000,000</td><td rowspan="3" style="vertical-align: middle;">Per Claim Aggregate Deductible</td></tr> <tr><td>1,000,000</td></tr> <tr><td>5,000</td></tr> </table>	1,000,000	Per Claim Aggregate Deductible	1,000,000	5,000										
1,000,000	Per Claim Aggregate Deductible																				
1,000,000																					
5,000																					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

PROOF OF INSURANCE

CERTIFICATE HOLDER LINCOLNWOOD SCHOOL DISTRICT #74 6950 N EAST PRAIRIE ROAD LINCOLNWOOD IL 60712	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

EXHIBIT F

Construction Manager's Standard Supervisory and Administrative Personnel Rates

PROJECT MANAGEMENT PERSONNEL

Officer in Charge	\$165.00/hr
Project Executive	\$135.00/hr
Project Manager	\$125.00/hr
Project Engineer	\$ 95.00/hr

PROJECT STAFF PERSONNEL

General Superintendent/Sr. Supt.	\$135.00/hr
Superintendent	\$105.00/hr
Field Engineer	\$ 95.00/hr
Project Coordinator	\$ 60.00/hr
Project Accountant	\$ 50.00/hr
Project Assistant	\$ 45.00/hr

The rates above are in effect through December 31, 2017.

All rates are inclusive of payroll taxes and insurance and overhead mark-ups.

EXHIBIT G

CONSTRUCTION MANAGER'S KEY PERSONNEL

<u>EMPLOYEE NAME</u>	<u>TITLE / ROLE</u>
PETER N. ZOURAS	PRESIDENT / ACCOUNT EXECUTIVE
MICHAEL GARO	SENIOR SUPERINTENDENT

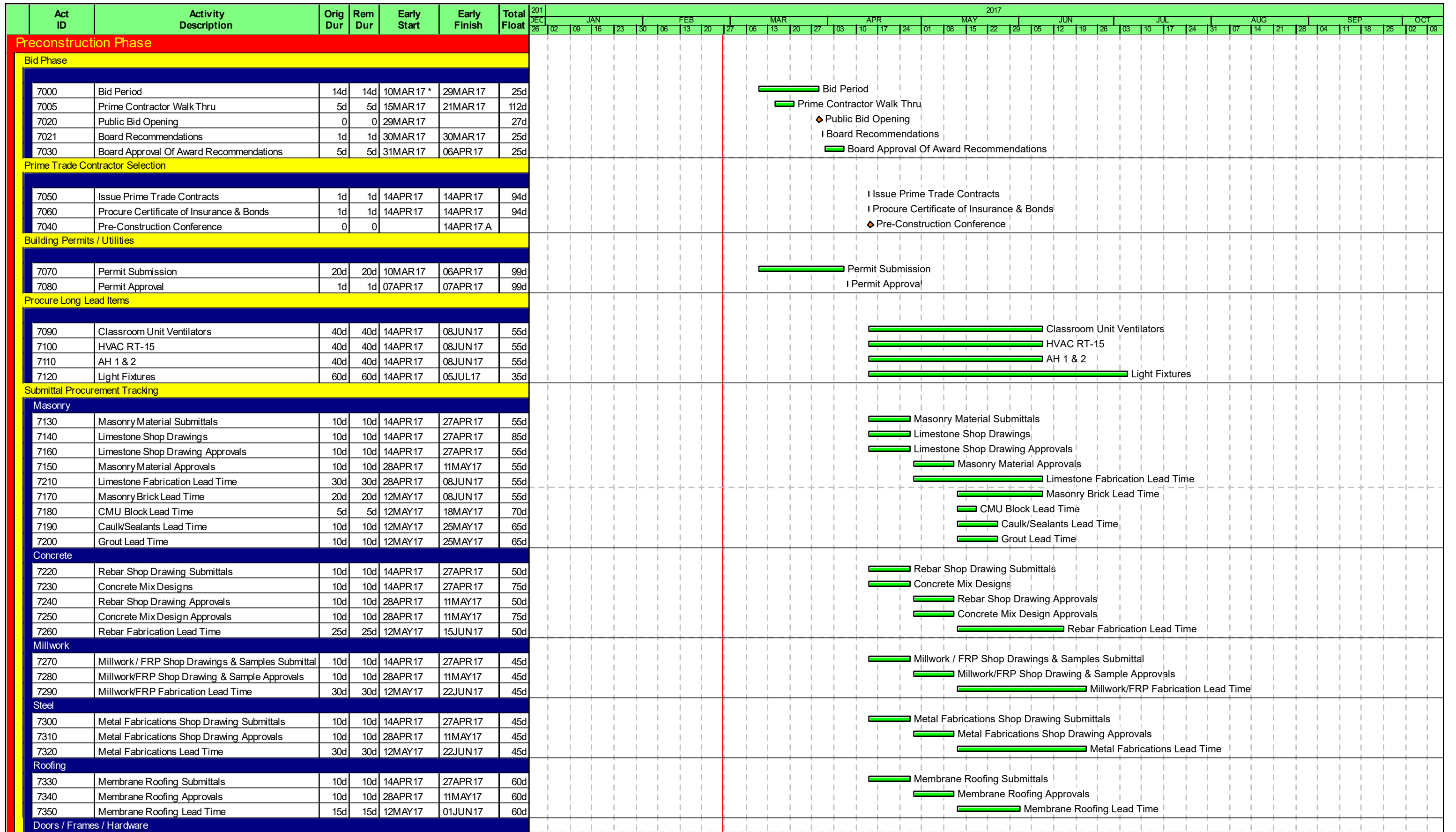
EXHIBIT H

MANAGEMENT REIMBURSABLE COSTS

CONSTRUCTION MANAGEMENT SERVICES

ITEM	TRADE	Qty	UNIT	UNIT PRICE	EXTENDED COSTS		COMMENTS	
PRE PRECONSTRUCTION SERVICES							43,200.00	
	Coordination Meetings	96	HR	135.00	12,960.00			
	Initial Budget	60	HR	135.00	8,100.00			
	Phasing Review	12	HR	135.00	1,620.00			
	Safety Review	12	HR	135.00	1,620.00			
	Egress Plan	8	HR	135.00	1,080.00			
	Site Logistics	8	HR	135.00	1,080.00			
	Systems Analysis	16	HR	135.00	2,160.00			
	Value Engineering	16	HR	135.00	2,160.00			
	Constructability Review	32	HR	135.00	4,320.00			
	Detailed Project Schedule	16	HR	135.00	2,160.00			
	Budget Update	40	HR	135.00	5,400.00			
	Cash Flow Projections	4	HR	135.00	540.00			
BID BID PHASE							33,480.00	
	Invitation To Bid	8	HR	135.00	1,080.00			
	Bid Advertisement	8	HR	135.00	1,080.00			
	Bid Scope Sheets	160	HR	135.00	21,600.00			
	Pre-Bid Conference	8	HR	135.00	1,080.00			
	Bid Opening	8	HR	135.00	1,080.00			
	Analyze Bids - Final Cost Estimate	48	HR	135.00	6,480.00			
	Prepare Bid Form	8	HR	135.00	1,080.00			
MGMT MANAGEMENT REIMBURSABLES							224,400.00	
	Project Management	20	WK	5,000.00	100,000.00			
	Sr. Superintendent	16	WK	5,400.00	86,400.00			
	Superintendent	2	WK	5,400.00	10,800.00		10 Saturdays	
	Field Engineer	4	WK	3,800.00	15,200.00			
	Accountant	5	BL	2,400.00	12,000.00			
PCS POST CONSTRUCTION SERVICES								
	Project Manager	2	WK				Included	
	Field Superintendent	2	WK				Included	
GRAND TOTAL						301,080.00		

EXHIBIT J



Lincolnwood School District 74 Lincoln Hall Phase 2

Start date	03JAN17
Finish date	01SEP17
Data date	26FEB17
Run date	10MAR17
Page number	1A
© Primavera Systems, Inc.	

Act ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish	Total Float	2017																																	
							JAN			FEB			MAR			APR			MAY			JUN			JUL			AUG			SEP			OCT						
							02	09	16	23	30	06	13	20	27	06	13	20	27	03	10	17	24	01	08	15	22	29	05	12	19	26	03	10	17	24	31	07	14	21
7360	Doors Frames Hardware Submittals	10d	10d	14APR17	27APR17	25d																																		
7370	Doors Frames Hardware Approvals	10d	10d	28APR17	11MAY17	25d																																		
7380	Hollow Metal Lead Time	15d	15d	12MAY17	01JUN17	60d																																		
7390	Wood Door Lead Time	35d	35d	12MAY17	28JUN17	40d																																		
7400	Hardware Lead Time	50d	50d	12MAY17	17JUL17	25d																																		
Flooring																																								
7410	Flooring Submittals	10d	10d	14APR17	27APR17	45d																																		
7420	Flooring Approvals	10d	10d	28APR17	11MAY17	45d																																		
7430	Carpet Lead Time	30d	30d	12MAY17	22JUN17	45d																																		
7440	Athletic Rubber Flooring Lead Time	20d	20d	12MAY17	08JUN17	55d																																		
7450	Ceramic Tile Lead Time	20d	20d	12MAY17	08JUN17	55d																																		
7460	LVT Lead Time	25d	25d	12MAY17	15JUN17	50d																																		
7470	VCT/Vynil Base Lead Time	20d	20d	12MAY17	08JUN17	55d																																		
Epoxy Flooring																																								
7510	Epoxy Floor Submittals	10d	10d	14APR17	27APR17	55d																																		
7520	Epoxy Flooring Approvals	10d	10d	28APR17	11MAY17	55d																																		
7530	Epoxy Flooring Lead Time	20d	20d	12MAY17	08JUN17	55d																																		
Wood Gym Flooring																																								
7480	Athletic Wood Flooring Submittals	10d	10d	14APR17	27APR17	45d																																		
7490	Athletic Wood Flooring Approvals	10d	10d	28APR17	11MAY17	45d																																		
7500	Athletic Wood Flooring Lead Time	30d	30d	12MAY17	22JUN17	45d																																		
Light Fixtures																																								
7540	Light Fixture Cut Sheets	10d	10d	14APR17	27APR17	25d																																		
7550	Light Fixture Approvals	10d	10d	28APR17	11MAY17	25d																																		
7560	Light Fixture Lead Times	50d	50d	12MAY17	17JUL17	25d																																		
Plumbing Fixtures																																								
7570	Plumbing Fixture Submittals	10d	10d	14APR17	27APR17	50d																																		
7580	Plumbing Fixture Approvals	10d	10d	28APR17	11MAY17	50d																																		
7600	Plumbing Fixture Lead Time	25d	25d	12MAY17	15JUN17	50d																																		
Acoustical Ceilings																																								
7590	Acoustic Ceiling Cut Sheets.Samples	10d	10d	14APR17	27APR17	25d																																		
7620	Perforated Metal Panel Submittals	10d	10d	14APR17	27APR17	45d																																		
7610	Acoustic Ceiling Approvals	10d	10d	28APR17	11MAY17	25d																																		
7630	Perforated Metal Panel Approvals	10d	10d	28APR17	11MAY17	45d																																		
7640	Acoustic Ceiling Lead Time	20d	20d	12MAY17	08JUN17	55d																																		
7650	Cloud Ceiling Lead Time	30d	30d	12MAY17	22JUN17	45d																																		
7660	Wood Ceiling Tile Lead Time	50d	50d	12MAY17	17JUL17	25d																																		
7670	Perofrated Metal Panel Lead Time	30d	30d	12MAY17	22JUN17	45d																																		
Glass & Glazing																																								
7680	Glass Samples & Shop Drawings	10d	10d	14APR17	27APR17	35d																																		
7700	Window Frame Shop Drawings	10d	10d	14APR17	27APR17	35d																																		
7690	Glass Sample Approvals	10d	10d	28APR17	11MAY17	35d																																		
7710	Window Frame Shop Drawings Approval	10d	10d	28APR17	11MAY17	35d																																		
7720	Glass Lead Time	40d	40d	12MAY17	05JUL17	35d																																		
7730	Mirror Lead Time	40d	40d	12MAY17	05JUL17	35d																																		
7740	Window Lead Time	40d	40d	12MAY17	05JUL17	35d																																		
Painting																																								
7750	Painting Draw Down Submittals	10d	10d	14APR17	27APR17	75d																																		
7770	Wall Covering Submittals	10d	10d	14APR17	27APR17	75d																																		
7760	Painting Draw Down Approvals	10d	10d	28APR17	11MAY17	75d																																		
7780	Wall Covering Approvals	10d	10d	28APR17	11MAY17	75d																																		
HVAC																																								
7790	CUV Submittals	10d	10d	14APR17	27APR17	35d																																		



**Lincolnwood School District 74
Lincoln Hall Phase 2**

Start date 03JAN17
 Finish date 01SEP17
 Data date 26FEB17
 Run date 10MAR17
 Page number 2A
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Act ID	Activity Description	Orig Dur	Rem Dur	Early Start	Early Finish	Total Float	2017																																		
							DEC 26	JAN 02	JAN 09	JAN 16	JAN 23	JAN 30	FEB 06	FEB 13	FEB 20	FEB 27	MAR 06	MAR 13	MAR 20	MAR 27	APR 03	APR 10	APR 17	APR 24	APR 30	MAY 08	MAY 15	MAY 22	MAY 29	JUN 05	JUN 12	JUN 19	JUN 26	JUL 03	JUL 10	JUL 17	JUL 24	JUL 31	AUG 07	AUG 14	AUG 21
4390	LVT @ Corridors	3d	3d	30AUG17	01SEP17	-14d	█ LVT @ Corridors																																		
Area C - West Gym																																									
2000	Remove Gym Equipment & Accessories	1d	1d	02JUN17	02JUN17	-3d	█ Remove Gym Equipment & Accessories																																		
2010	Stabilize Existing Ceilings	1d	1d	05JUN17	05JUN17	-3d	█ Stabilize Existing Ceilings																																		
2020	Paint Ceilings/Structural Components	1d	1d	06JUN17	06JUN17	-3d	█ Paint Ceilings/Structural Components																																		
2025	Perforated Metal Panels	18d	18d	07JUN17	29JUN17	-3d	█ Perforated Metal Panels																																		
2050	Demo Existing Roof	12d	12d	20JUN17	03JUL17	5d	█ Demo Existing Roof																																		
2030	Remove Bleachers	1d	1d	30JUN17	30JUN17	-3d	█ Remove Bleachers																																		
2040	Remove / Abate Gym Floor	12d	12d	01JUL17	15JUL17	-3d	█ Remove / Abate Gym Floor																																		
2060	Repalce Mechanical Curbs	2d	2d	05JUL17	06JUL17	34d	█ Repalce Mechanical Curbs																																		
2070	Replace Roof Drain Systems	2d	2d	05JUL17	06JUL17	34d	█ Replace Roof Drain Systems																																		
2080	Install Wood Blocking / Roof Plywood	4d	4d	05JUL17	08JUL17	5d	█ Install Wood Blocking / Roof Plywood																																		
2090	Install New Roof System	24d	24d	10JUL17	05AUG17	5d	█ Install New Roof System																																		
2120	Install New Flooring System	24d	24d	17JUL17	12AUG17	-3d	█ Install New Flooring System																																		
2100	Install Gutters & Downspouts	2d	2d	07AUG17	08AUG17	5d	█ Install Gutters & Downspouts																																		
2110	Paint Existing Gutters & Downspouts	1d	1d	09AUG17	09AUG17	5d	█ Paint Existing Gutters & Downspouts																																		
2130	Reset Bleaches	1d	1d	14AUG17	14AUG17	-3d	█ Reset Bleaches																																		
2140	Re-Install Existing Gym Accessories	3d	3d	15AUG17	17AUG17	-3d	█ Re-Install Existing Gym Accessories																																		
2150	Certify Bleachers After Reinstallation	1d	1d	18AUG17	18AUG17	-3d	█ Certify Bleachers After Reinstallation																																		
Area C - Bathrooms & Orchestra																																									
3000	Demo Toilets	5d	5d	12JUN17	16JUN17	-14d	█ Demo Toilets																																		
3010	Underground Plumbing	5d	5d	19JUN17	23JUN17	44d	█ Underground Plumbing																																		
3020	Hang AH-1 @ D107	5d	5d	19JUN17	23JUN17	37d	█ Hang AH-1 @ D107																																		
3080	CMU Walls D107, D171 & D172	15d	15d	19JUN17	06JUL17	-14d	█ CMU Walls D107, D171 & D172																																		
3030	AH-1 Piping	3d	3d	24JUN17	27JUN17	38d	█ AH-1 Piping																																		
3040	Ductwork	7d	7d	24JUN17	01JUL17	37d	█ Ductwork																																		
3070	Controls	2d	2d	24JUN17	26JUN17	42d	█ Controls																																		
3050	Insulation	3d	3d	28JUN17	30JUN17	38d	█ Insulation																																		
3060	AH Electrical	3d	3d	28JUN17	30JUN17	38d	█ AH Electrical																																		
3110	Set Frames	1d	1d	06JUL17	06JUL17	34d	█ Set Frames																																		
3090	In Wall Plumbing	10d	10d	07JUL17	18JUL17	-9d	█ In Wall Plumbing																																		
3100	MEP Ceiling Rough	15d	15d	07JUL17	24JUL17	-14d	█ MEP Ceiling Rough																																		
3120	Paint Walls	4d	4d	25JUL17	28JUL17	-14d	█ Paint Walls																																		
3130	Ceramic Tile Floors	4d	4d	29JUL17	02AUG17	3d	█ Ceramic Tile Floors																																		
3150	Drywall & Acoustic Ceilings	13d	13d	29JUL17	12AUG17	-14d	█ Drywall & Acoustic Ceilings																																		
3200	Janitor CLOset D170 Epoxy Flooring	4d	4d	29JUL17	02AUG17	9d	█ Janitor CLOset D170 Epoxy Flooring																																		
3140	Ceramic Tile Walls	4d	4d	03AUG17	07AUG17	7d	█ Ceramic Tile Walls																																		
3180	Toilet Fixture Install	5d	5d	03AUG17	08AUG17	3d	█ Toilet Fixture Install																																		
3210	Mop Basin	2d	2d	03AUG17	04AUG17	9d	█ Mop Basin																																		
3190	Toilet Partitions & Accessories	3d	3d	09AUG17	11AUG17	3d	█ Toilet Partitions & Accessories																																		
3160	Lighting	2d	2d	14AUG17	15AUG17	-14d	█ Lighting																																		
3170	MEP Trim	5d	5d	16AUG17	21AUG17	-14d	█ MEP Trim																																		
3215	Millwork	8d	8d	22AUG17	31AUG17	-14d	█ Millwork																																		
3220	Hang Doors & Hardware	3d	3d	29AUG17	31AUG17	-14d	█ Hang Doors & Hardware																																		
3230	Signage	1d	1d	01SEP17	01SEP17	-14d	█ Signage																																		
Area B - Science & Math																																									
5000	Vacate Spaces	3d	3d	20JUN17	22JUN17	0	█ Vacate Spaces																																		
5010	Demolition	5d	5d	23JUN17	28JUN17	0	█ Demolition																																		
5020	Cut Floor Opening For New Riser	2d	2d	29JUN17	30JUN17	33d	█ Cut Floor Opening For New Riser																																		
5030	Set CUV 2, 3 & 4	3d	3d	29JUN17	01JUL17	30d	█ Set CUV 2, 3 & 4																																		



**Lincolnwood School District 74
Lincoln Hall Phase 2**

Start date	03JAN17
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EXHIBIT L

LIQUIDATED DAMAGES

For each and every working day the Work or any portion thereof remains incomplete after the expiration of the time limits set in the Construction Schedule, or as extended by the Owner, the amount per working day indicated in the Contract will be deducted from the money due or to become due to the Construction Manager and any appropriate Prime Trade Contractor responsible in whole or in part, not as a penalty, but as liquidated damages.

The Values for Liquidated Damages and assignment to the Construction Manager are as follows:

Construction Manager: \$1,000.00/day

The Values for Liquidated Damages and assignment to each Prime Trade Contractor are as follows:

Prime Trade Contractors:

- Demolition Trade: \$1,000.00/day
- Site Trades: \$ 800.00/day
- Concrete Trade: \$1,000.00/day
- Masonry Trade: \$1,500.00/day
- Structural Steel: \$1,500.00/day
- Glass and Glazing: \$1,500.00/day
- Architectural Panels: \$1,000.00/day
- Roofing Trade: \$1,000.00/day
- Fire Protection Trade: \$1,000.00/day
- Plumbing Trade: \$1,000.00/day
- HVAC Trade: \$1,500.00/day
- Electrical Trade: \$1,500.00/day
- Other Architectural Trades: \$ 500.00/day

EXHIBIT M

Construction Reimbursable Standard Trade Labor Rates

Construction reimbursable material and equipment costs will be charged as a Cost of the Work plus ten percent (10%) for overhead. Labor will be billed out per the Comprehensive Trade Labor Rates as shown below as they are inclusive with all applicable markups (including the 10% for overhead):

Z3 STANDARD TRADE LABOR HOURLY RATES

(Rates are Valid Thru June 30, 2016)

Standard Rates are based on standard working hours Monday thru Friday for an 8 hour work day. When working greater than 8 hours per day (Monday thru Friday), an overtime rate will be incurred for the next 2 hours worked per individual. Following the total of 10 hours work per day, a double-time rate will be applicable for those hours worked per individual.

	REGULAR	OVERTIME	DOUBLE-TIME
CARPENTER	\$116.50 / hr	\$147.66 / hr	\$178.81 / hr
LABORER	\$ 98.50 / hr	\$126.56 / hr	\$154.62 / hr
SAFETY OFFICER	\$105.00 / hr		
WATCHMEN SERVICES	N/A		

Note:

- 1) Labor Rates will be adjusted (increased or decreased) as the published Prevailing Wage Rates are adjusted.
- 2) See attached Comprehensive Rate Schedules for Carpenter and Laborer.

PROJECT NAME

LINCOLNWOOD SCHOOL DISTRICT No 74

PROJECT NO.

16123

CONTRACTOR

Z3 SOLUTIONS, LLC

DATE

4/04/2017

2017 HOURLY LABOR RATE WORKSHEET

Wages, salaries and all associated taxes, costs and benefits that are combined as a comprehensive unit of pay on the rate schedules constitute

TRADE:

CARPENTER

CLASSIFICATION:

JOURNEYMAN

Item	Rate Per \$100	Prevailing Wage Rate			Notes
		Regular Time	Overtime	Double Time	
Base Labor Rate		\$ 44.35	\$ 66.53	\$ 88.70	Use certified payroll to verify.
Fringe Benefits:					
Pension ¹		16.39	16.39	16.39	
Health/Welfare ¹		11.79	11.79	11.79	
Training/Certification ¹		0.63	0.63	0.63	
Vacation/Holiday ¹		-	-	-	
Other		-	-	-	
Fringe Benefits Subtotal		\$ 28.81	\$ 28.81	\$ 28.81	
Total Paid Hourly Rate		\$ 73.16	\$ 95.34	\$ 117.51	= Base Labor Rate + Benefits Paid
Burden: Taxes & Insurance ²					
FICA	0.0620	4.54	5.91	7.29	
Medicare	0.0145	1.06	1.38	1.70	
Federal Unemployment	0.0060	0.44	0.57	0.71	
Illinois Unemployment	0.0540	3.95	5.15	6.35	
Workers Compensation ¹	0.1645	12.03	12.03	12.03	
Contractor Liability Insurance	0.015	1.10	1.65	2.19	
Other ¹		-	-	-	
Burden Subtotal		\$ 23.12	\$ 26.69	\$ 30.27	
Overhead (10%)	0.1	9.63	12.20	14.78	
Profit (10%)	0.1	10.59	13.42	16.26	
TOTAL HOURLY RATE (Total Hourly Rate + Burden)		\$ 116.50	\$ 147.66	\$ 178.81	= Comprehensive Trade Labor Rate

¹ Costs for Overtime and Double Time are same as for Regular Time.

² Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.

PROJECT NAME

LINCOLNWOOD SCHOOL DISTRICT No 74

PROJECT NO.

16123

CONTRACTOR

Z3 SOLUTIONS, LLC

DATE

4/04/2017

2017 HOURLY LABOR RATE WORKSHEET

Wages, salaries and all associated taxes, costs and benefits that are combined as a comprehensive unit of pay on the rate schedules constitute

TRADE: LABORER

CLASSIFICATION: FOREMAN

Item	Rate Per \$100	Prevailing Wage Rate			Notes
		Regular Time	Overtime	Double Time	
Base Labor Rate		\$ 39.95	\$ 59.93	\$ 79.90	Use certified payroll to verify.
Fringe Benefits:					
Pension ¹		10.72	10.72	10.72	
Health/Welfare ¹		13.98	13.98	13.98	
Training/Certification ¹		0.50	0.50	0.50	
Vacation/Holiday ¹		-	-	-	
Other		-	-	-	
Fringe Benefits Subtotal		\$ 25.20	\$ 25.20	\$ 25.20	
Total Paid Hourly Rate		\$ 65.15	\$ 85.13	\$ 105.10	= Base Labor Rate + Benefits Paid
Burden: Taxes & Insurance ²					
FICA	0.0620	4.04	5.28	6.52	
Medicare	0.0145	0.94	1.23	1.52	
Federal Unemployment	0.0060	0.39	0.51	0.63	
Illinois Unemployment	0.0540	3.52	4.60	5.68	
Workers Compensation ¹	0.098	6.38	6.38	6.38	
Contractor Liability Insurance	0.015	0.98	1.47	1.95	
Other ¹		-	-	-	
Burden Subtotal		\$ 16.25	\$ 19.47	\$ 22.69	
Overhead (10%)	0.1	8.14	10.46	12.78	
Profit (10%)	0.1	8.95	11.51	14.06	
TOTAL HOURLY RATE (Total Hourly Rate + Burden)		\$ 98.50	\$ 126.56	\$ 154.62	= Comprehensive Trade Labor Rate

¹ Costs for Overtime and Double Time are same as for Regular Time.

² Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.