

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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PARENT ITEM 5500000

Description = Final Build - Transit Implementation Unit = TF Takeoff Quan: 32,000.000 Engr Quan: 32,000.000

Listing of Sub-Biditems of Parent Item 5500000:

BID ITEM = 5505000

Description = Cables Land Item SCHEDULE: 1 100 Unit = TON Takeoff Quan: 966.000 Engr Quan: 0.000

10100	Cables			Quan: 966.00 TON	Hrs/Shft: 9.00	Cal: 510 WC:NYGEN			
4CABLES	Cable Stay Sub	966.00	TON	10,000.000				9,660,000	9,660,000

BID ITEM = 5510000

Description = Steel Lower Deck Land Item SCHEDULE: 1 100 Unit = TON Takeoff Quan: 14,884.000 Engr Quan: 0.000

10100	Transport Steel			Quan: 14,884.00 TON	Hrs/Shft: 9.00	Cal: 510 WC:NYGEN			
TRNS2	Material Transport Land	2,679.12	CH	Prod: 50.0000 US	Lab Pcs: 10.00	Eqp Pcs: 5.00			**Unreviewed
8ADDSTM	Addon - Small Tool&	1.00	2,679.12 HR	2.650		5,760	1,340		7,100
8CRN130T	Grove RT9120E	1.00	2,679.12 HR	50.400		120,560	14,467		135,028
8CRNGRDL	Gradall Support Lift	1.00	2,679.12 HR	74.000		155,389	42,866		198,255
8TPU	Pickup Truck	1.00	2,679.12 HR	9.870		9,029	17,414		26,443
8TSTLTRS	Heavy Transport Lan	1.00	2,679.12 HR	150.000		267,912	133,956		401,868
IRW-B	Iron Worker - Bolter	3.00	8,037.36 MH	33.900	682,343				682,343
IRW-F	Iron Worker - Forema	1.00	2,679.12 MH	36.900	237,751				237,751
IRW-J	Iron Worker - Rigger	3.00	8,037.36 MH	33.900	682,343				682,343
OP-3	Operator - Heavy Equ	1.00	2,679.12 MH	45.670	267,870				267,870
OP-LHD	Operator - Load, Haul	1.00	2,679.12 MH	45.000	265,569				265,569

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Labor	Material	Perm	Constr	Equipme	Equipme	Sub-	Total
Resource		Pcs		Cost					Ownershi	Operatio	Contract	
BID ITEM = 5510000			Land Item	SCHEDULE: 1	100							
Description = Steel Lower Deck				Unit = TON	Takeoff Quan:	14,884.000		Engr Quan:		0.000		
OP-OIL	Equip Oiler	1.00	2,679.12 MH	43.780	261,379							261,379
\$3,165,948.29	1.8000 MH/TON	26,791.2000	MH	[67.455]	2,397,255			558,650	210,043			3,165,948
5.5556	Units/H	50.0000	Un/Shift *	0.5556 Unit/M	161.06			37.53	14.11			212.71
10200	Place Steel			Quan: 14,884.00 TON	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN					
												**Unreviewed
STEEL4	Steel Place Crew - Traveler		13,395.60	CH	Prod: 10.0000 US	Lab Pcs: 10.00		Eqp Pcs: 8.00				
2FABSTEEL	Fabricated Steel		14,884.00 TON		3,000.000	44,652,000						44,652,000
8AC900	Air Compressor - 900	1.00	13,395.60 HR		88.850			468,846	721,353			1,190,199
8ADDSTM	Addon - Small Tool&	1.00	13,395.60 HR		2.650			28,801	6,698			35,498
8CRN130T	Grove RT9120E	1.00	13,395.60 HR		50.400			602,802	72,336			675,138
8CRNRIG	Crane Rigging Equip	1.00	13,395.60 HR		30.000			334,890	66,978			401,868
8CRNTRVLR	Fixed Traveler	1.00	13,395.60 HR		300.000			3,348,900	669,780			4,018,680
8WELDTRK	Weld Truck/ Marine	1.00	13,395.60 HR		55.000			669,780	66,978			736,758
8WLD	Welding Machine	1.00	13,395.60 HR		8.500			83,723	30,140			113,863
8WLD500	Welder - 500 Amp Di	1.00	13,395.60 HR		13.810			17,548	167,445			184,993
IRW-B	Iron Worker - Bolter	2.00	26,791.20 MH		33.900	2,274,477						2,274,477
IRW-F	Iron Worker - Forema	1.00	13,395.60 MH		36.900	1,188,754						1,188,754
IRW-J	Iron Worker - Rigger	2.00	26,791.20 MH		33.900	2,274,477						2,274,477
OP-2	Operator - Medium E	2.00	26,791.20 MH		43.500	2,604,176						2,604,176
OP-OIL	Equip Oiler	1.00	13,395.60 MH		43.780	1,306,896						1,306,896
WELD-J	Welder - Journeyman	2.00	26,791.20 MH		43.400	2,600,741						2,600,741
\$64,258,517.52	9.0000 MH/TON	133,956.0000	MH	[351.072]	12,249,520	44,652,000		5,555,289	1,801,708			64,258,518
1.1111	Units/H	10.0000	Un/Shift *	0.1111 Unit/M	823.00	3,000.00		373.24	121.05			4,317.29
10300	Make Connections			Quan: 4,816.00 EA	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN					
												**Unreviewed
WLD	Weld Crew		21,672.00	CH	Prod: 2.0000 US	Lab Pcs: 6.00		Eqp Pcs: 6.00				
2STEELMSC	Miscsteel, Weld Stick		1,488.00 TON		3,000.000	4,464,000						4,464,000
8ADDSTM	Addon - Small Tool&	1.00	21,672.00 HR		2.650			46,595	10,836			57,431

**Unreviewed

**Unreviewed

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
<hr/>										
BID ITEM = 5510000		Land Item		SCHEDULE: 1	100					
Description = Steel Lower Deck		Unit = TON		Takeoff Quan:	14,884.000	Engr Quan:	0.000			
8GEN100	Genset - 100 kW	1.00	21,672.00 HR	35.500			131,116	638,240		769,356
8WELDTRK	Weld Truck/ Marine	1.00	21,672.00 HR	55.000			1,083,600	108,360		1,191,960
8WLD500	Welder - 500 Amp Di	2.00	43,344.00 HR	13.810			56,781	541,800		598,581
8WLDHUT	Weld Hut Equip	1.00	21,672.00 HR	80.000			1,408,680	325,080		1,733,760
OP-OIL	Equip Oiler	1.00	21,672.00 MH	43.780	2,114,355					2,114,355
WALKB	Walking Boss	1.00	21,672.00 MH	37.500	1,939,888					1,939,888
WELD-A	Welder - Apprentice	2.00	43,344.00 MH	37.400	3,874,219					3,874,219
WELD-J	Welder - Journeyman	2.00	43,344.00 MH	43.400	4,207,595					4,207,595
\$20,951,144.60	27.0000 MH/EA	130,032.0000	MH	[1092.96]	12,136,057	4,464,000	2,726,771	1,624,316		20,951,145
0.2222	Units/H	2.0000	Un/Shift *	0.0370 Unit/M	2,519.95	926.91	566.19	337.28		4,350.32
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10400	QA / QC	Quan: 14,884.00 TON		Hrs/Shift: 9.00	Cal: 510	WC:NYGEN				
<u>INS</u>	Inspection Crew - 1x	450.00	CH	Prod: 50.0000 S	Lab Pcs:	4.00	Eqp Pcs:	2.00		
8ADDSTM	Addon - Small Tool&	1.00	450.00 HR	2.650			968	225		1,193
8WLDINS	Radiograph - Weld Q	1.00	450.00 HR	95.000			30,600	12,150		42,750
QA	Quality Assurance Ins	2.00	900.00 MH	50.000	94,982					94,982
QC	Quality Control Insp	2.00	900.00 MH	50.000	94,982					94,982
\$233,905.50	0.1209 MH/TON	1,800.0000	MH	[6.047]	189,963		31,568	12,375		233,906
33.0756	Units/H	297.6800	Un/Shift	8.2689 Unit/M	12.76		2.12	0.83		15.72
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=====> Item Totals: 5510000 - Steel Lower Deck										
\$88,609,515.91	19.6572 MH/TON	292,579.20	MH	[778.222]	26,972,795	49,116,000	8,872,278	3,648,443		88,609,516
5,953.340	14884 TON									
					1,812.20	3,299.92	596.09	245.13		5,953.34
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**Unreviewed

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Perm	Constr	Equipme	Equipme	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Ex Ownershi	Operatio	Contract	Total

BID ITEM = 5520000

Description = Concrete Guideway

Land Item SCHEDULE: 1 100
Unit = CY Takeoff Quan: 17,778.000 Engr Quan: 0.000

10100 Transport Materials **Quan: 18,000.00 CY Hrs/Shft: 9.00 Cal: 510 WC:NYGEN**

**Unreviewed

<u>TRNSL</u>	Material Transport Land	540.00	CH	Prod: 300.0000 US	Lab Pcs: 8.00	Eqp Pcs: 6.00		
8ADDSTM	Addon - Small Tool&	1.00	540.00 HR	2.650		1,161	270	1,431
8CRN130T	Grove RT9120E	1.00	540.00 HR	50.400		24,300	2,916	27,216
8CRNGRDL	Gradall Support Lift	1.00	540.00 HR	74.000		31,320	8,640	39,960
8CRNM100T	Manitowoc 11000 10	1.00	540.00 HR	150.000		54,000	27,000	81,000
8TPU	Pickup Truck	1.00	540.00 HR	9.870		1,820	3,510	5,330
8TSTLTRS	Heavy Transport Lan	1.00	540.00 HR	150.000		54,000	27,000	81,000
DB-A	Dockbuilder - Appren	2.00	1,080.00 MH	17.840	69,454			69,454
DB-F	Dockbuilder - Forema	0.50	270.00 MH	47.610	27,667			27,667
DB-GF	Dockbuilder- General	0.50	270.00 MH	50.610	28,706			28,706
DB-R	Dockbuilder - Rigger	2.00	1,080.00 MH	45.610	107,900			107,900
OP-3	Operator - Heavy Equ	1.00	540.00 MH	45.670	53,992			53,992
OP-LHD	Operator - Load, Haul	1.00	540.00 MH	45.000	53,528			53,528
OP-OIL	Equip Oiler	1.00	540.00 MH	43.780	52,683			52,683
\$629,866.09	0.2400 MH/CY	4,320.0000	MH	[9.314]	393,929	166,601	69,336	629,866
33.3333	Units/H	300.0000	Un/Shift *	4.1667 Unit/M	21.88	9.26	3.85	34.99

10200 Form Floor Slab **Quan: 512,000.00 SF Hrs/Shft: 9.00 Cal: 510 WC:NYGEN**

**Unreviewed

<u>FORML</u>	Form Crew Land	4,266.66	CH	Prod: 15.0000 UM	Lab Pcs: 8.00	Eqp Pcs: 14.00		
2FORM	Form	512,000.00	SF	2.500	1,280,000			1,280,000
8AC900	Air Compressor - 900	1.00	4,266.67 HR	88.850		149,333	229,760	379,094
8ADDSTM	Addon - Small Tool&	1.00	4,266.67 HR	2.650		9,173	2,133	11,307
8CNCFORMS	Form Work System	1.00	4,266.67 HR	52.000		192,000	29,867	221,867
8CRN130T	Grove RT9120E	1.00	4,266.67 HR	50.400		192,000	23,040	215,040
8CRNM150T	Manitowoc 555 150 T	1.00	4,266.67 HR	187.000		533,334	264,534	797,867

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Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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BID ITEM = 5520000		Land Item		SCHEDULE: 1	100					
Description = Concrete Guideway				Unit = CY	Takeoff Quan:	17,778.000	Engr Quan:	0.000		
8CRNMTS	Crane Timber Mats- 2	1.00	4,266.67 HR	30.153			114,872	13,785		128,657
8CRNRIG	Crane Rigging Equip	1.00	4,266.67 HR	30.000			106,667	21,333		128,000
8GEN1000	Generators 1000 KW	1.00	4,266.67 HR	35.000			85,333	64,000		149,333
8PMPDISEL	Disel Tank and Pump	1.00	4,266.67 HR	30.000			106,667	21,333		128,000
8SCAFFOLD	Scaffold	1.00	4,266.67 HR	14.000			51,200	8,533		59,733
8SCAFLD	Scaffold and Gangwa	1.00	4,266.67 HR	6.030			22,974	2,757		25,731
8TPU	Pickup Truck	1.00	4,266.67 HR	9.870			14,379	27,733		42,112
8WELDTRK	Weld Truck/ Marine	1.00	4,266.67 HR	55.000			213,334	21,333		234,667
8WLD500	Welder - 500 Amp Di	1.00	4,266.67 HR	13.810			5,589	53,333		58,923
CARP-A	Carpenter - Apprentic	1.00	4,266.67 MH	33.350	359,217					359,217
CARP-F	Carpenter - Foreman	1.00	4,266.67 MH	45.500	425,671					425,671
CARP-J	Carpenter - Journeym	1.00	4,266.67 MH	40.250	396,956					396,956
MECH-J	Mechanic - Master	1.00	4,266.67 MH	37.490	381,860					381,860
OP-CR1	Operator - Crane Med	2.00	8,533.33 MH	46.300	860,091					860,091
OP-OIL	Equip Oiler	1.00	4,266.67 MH	43.780	416,263					416,263
WELD-J	Welder - Journeyman	1.00	4,266.67 MH	43.400	414,185					414,185
\$7,114,573.75	0.0666 MH/SF	34,133.3500	MH	[2.803]	3,254,242	1,280,000	1,796,856	783,476		7,114,574
120.0002	Units/H	1,080.0017	Un/Shift	15.0000 Unit/M *	6.36	2.50	3.51	1.53		13.90

10300 Rebar Floor Slab **Quan: 5,200,000.00 LB** **Hrs/Shift: 9.00** **Cal: 510 WC:NYGEN**

**Unreviewed

<u>REBARL</u>	Rebar Land Crew	742.85	CH	Prod: 500.0001 UM	Lab Pcs: 14.00	Eqp Pcs: 10.00				
2REBAR	Rebar	5,199,999.49	LB	0.500	2,600,000					2,600,000
8ADDSTM	Addon - Small Tool&	1.00	742.86 HR	2.650		1,597	371			1,969
8CRN130T	Grove RT9120E	1.00	742.86 HR	50.400		33,429	4,011			37,440
8CRNM200T	Manitowoc 777 200T	1.00	742.86 HR	220.000		111,429	52,000			163,429
8CRNRIG	Crane Rigging Equip	1.00	742.86 HR	30.000		18,572	3,714			22,286
8GEN1000	Generators 1000 KW	1.00	742.86 HR	35.000		14,857	11,143			26,000
8TPU	Pickup Truck	1.00	742.86 HR	9.870		2,503	4,829			7,332

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
<hr/>										
BID ITEM = 5520000		Land Item		SCHEDULE: 1	100					
Description = Concrete Guideway				Unit = CY	Takeoff Quan: 17,778.000		Engr Quan:		0.000	
8TT&T50T	Lowbed Tractor/Trail	1.00	742.86 HR	132.170				52,721	45,463	98,184
8WELDTRK	Weld Truck/ Marine	1.00	742.86 HR	55.000				37,143	3,714	40,857
8WLD500	Welder - 500 Amp Di	2.00	1,485.71 HR	13.810				1,946	18,571	20,518
IRW-A	Iron Worker - Appren	2.00	1,485.71 MH	25.000	109,181					109,181
IRW-F	Iron Worker - Forema	1.00	742.86 MH	36.900	65,923					65,923
IRW-LR	Iron Worker - Lather/	4.00	2,971.43 MH	33.900	252,264					252,264
MECH-J	Mechanic - Master	1.00	742.86 MH	37.490	66,485					66,485
OP-CR1	Operator - Crane Med	1.00	742.86 MH	46.300	74,874					74,874
OP-CR2	Operator - Crane Hea	1.00	742.86 MH	47.300	75,827					75,827
OP-OIL	Equip Oiler	1.00	742.86 MH	43.780	72,475					72,475
TEAM-2	Teamster - 2	1.00	742.86 MH	48.550	77,017					77,017
WELD-A	Welder - Apprentice	1.00	742.86 MH	37.400	66,399					66,399
WELD-J	Welder - Journeyman	1.00	742.86 MH	43.400	72,113					72,113
\$3,950,571.24	0.0020 MH/LB	10,400.0200	MH	[0.075]	932,557	2,600,000		274,197	143,818	3,950,571
7,000.0673	Units/H	63,000.6058	Un/Shift	500.0000 Unit/M	*	0.18	0.50	0.05	0.03	0.76

10400 Place Concrete Floor Slab **Quan: 13,000.00 CY** **Hrs/Shift: 9.00** **Cal: 510 WC:NYGEN**

**Unreviewed

<u>CONCL</u>	Concrete Place Land	1,625.00	CH	Prod: 8.0000 UH	Lab Pcs: 12.00	Eqp Pcs: 15.00				
2CONC	Concrete 5000 psi	13,000.00	CY	90.000	1,170,000					1,170,000
8AC1300	Air Compressor - 130	1.00	1,625.00 HR	131.450		78,000	135,606			213,606
8ADDSTM	Addon - Small Tool&	1.00	1,625.00 HR	2.650		3,494	813			4,306
8CNCBOOM	Concrete Pump Boom	1.00	1,625.00 HR	73.810		83,541	36,400			119,941
8CNCBUCK	Concrete Bucket	1.00	1,625.00 HR	2.270		2,389	1,300			3,689
8CNCCNV	Concrete Conveyer (5	1.00	1,625.00 HR	18.600		14,219	16,006			30,225
8CNCP	Concrete Pump - 250	1.00	1,625.00 HR	89.600		130,000	15,600			145,600
8CNCPE1	Concrete Place Equip	1.00	1,625.00 HR	44.800		65,000	7,800			72,800
8CNCPEQ2	Concrete Pumping Eq	1.00	1,625.00 HR	56.000		81,250	9,750			91,000
8CNCTRMI	Tremi Pipe	1.00	1,625.00 HR	45.000		56,875	16,250			73,125

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Perm	Constr	Equipme	Equipme	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Ex Ownershi	Operatio	Contract	Total

BID ITEM = 5520000

Description = Concrete Guideway

Land Item SCHEDULE: 1 100
Unit = CY Takeoff Quan: 17,778.000 Engr Quan: 0.000

8CNCWT	Concrete Work Tools	1.00	1,625.00	HR	4.310			7,004		7,004
8CRN130T	Grove RT9120E	1.00	1,625.00	HR	50.400			73,125	8,775	81,900
8CRNM100T	Manitowoc 11000 10	1.00	1,625.00	HR	150.000			162,500	81,250	243,750
8GEN1	GENSET 1000KW	1.00	1,625.00	HR	11.200			16,250	1,950	18,200
8PMPDISEL	Disel Tank and Pump	1.00	1,625.00	HR	30.000			40,625	8,125	48,750
8TPU	Pickup Truck	1.00	1,625.00	HR	9.870			5,476	10,563	16,039
CNC-A	Concrete Worker - Ap	3.00	4,875.00	MH	32.000	401,996				401,996
CNC-F	Concrete Worker - Fr	1.00	1,625.00	MH	36.000	142,331				142,331
CNC-J	Concrete Worker - Jo	3.00	4,875.00	MH	34.000	414,495				414,495
OP-2	Operator - Medium E	1.00	1,625.00	MH	43.500	157,954				157,954
OP-C	Operator - Concrete	1.00	1,625.00	MH	44.100	159,204				159,204
OP-CR1	Operator - Crane Med	1.00	1,625.00	MH	46.300	163,787				163,787
OP-OIL	Equip Oiler	2.00	3,250.00	MH	43.780	317,075				317,075
\$4,096,778.05	1.5000 MH/CY	19,500.0000	MH	[56.933]	1,756,843	1,170,000		819,748	350,188	4,096,778
8.0000	Units/H*	72.0000	Un/Shift	0.6667 Unit/M	135.14	90.00		63.06	26.94	315.14

10500 Cure Concrete Floor Slab **Quan: 13,000.00 CY** **Hrs/Shift: 9.00** **Cal: 510** **WC:NYGEN**

**Unreviewed

<u>CURE</u>	Concrete Cure Crew		1,624.99	CH	Prod: 8.0000 UH	Lab Pcs: 5.00	Eqp Pcs: 6.00			
8AC900	Air Compressor - 900	1.00	1,625.00	HR	88.850			56,875	87,506	144,381
8ADDSTM	Addon - Small Tool&	1.00	1,625.00	HR	2.650			3,494	813	4,306
8CNCCURE	Concrete Cure Equip	1.00	1,625.00	HR	80.000			105,625	24,375	130,000
8CNCWT	Concrete Work Tools	1.00	1,625.00	HR	4.310			7,004		7,004
8PMPDISEL	Disel Tank and Pump	1.00	1,625.00	HR	30.000			40,625	8,125	48,750
8TPU	Pickup Truck	1.00	1,625.00	HR	9.870			5,476	10,563	16,039
CONF-A	Conc Finisher - Appre	2.00	3,250.00	MH	30.450	261,540				261,540
CONF-F	Conc Finisher - Fore	1.00	1,625.00	MH	41.190	153,142				153,142
CONF-J	Conc Finisher - Journ	2.00	3,250.00	MH	36.700	287,579				287,579
\$1,052,741.03	0.6250 MH/CY	8,125.0000	MH	[21.936]	702,261			219,099	131,381	1,052,741

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Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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BID ITEM = 5520000

Description = Concrete Guideway

Land Item SCHEDULE: 1 100
Unit = CY Takeoff Quan: 17,778.000 Engr Quan: 0.000

8.0000	Units/H*	72.0004	Un/Shift	1.6000	Unit/M	54.02	16.85	10.11	80.98
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10600 Form Side Walls **Quan: 192,000.00 SF** **Hrs/Shft: 9.00** **Cal: 510 WC:NYGEN**

**Unreviewed

FORML	Form Crew Land	1,600.00	CH	Prod: 15.0000	UM	Lab Pcs:	8.00	Eqp Pcs:	14.00
2FORM	Form	192,000.00	SF	2.500		480,000			480,000
8AC900	Air Compressor - 900	1.00	1,600.00	HR	88.850			56,000	86,160
8ADDSTM	Addon - Small Tool&	1.00	1,600.00	HR	2.650			3,440	800
8CNCFORMS	Form Work System	1.00	1,600.00	HR	52.000			72,000	11,200
8CRN130T	Grove RT9120E	1.00	1,600.00	HR	50.400			72,000	8,640
8CRNM150T	Manitowoc 555 150 T	1.00	1,600.00	HR	187.000			200,000	99,200
8CRNMTS	Crane Timber Mats- 2	1.00	1,600.00	HR	30.153			43,077	5,169
8CRNRIG	Crane Rigging Equip	1.00	1,600.00	HR	30.000			40,000	8,000
8GEN1000	Generators 1000 KW	1.00	1,600.00	HR	35.000			32,000	24,000
8PMPDISEL	Diesel Tank and Pump	1.00	1,600.00	HR	30.000			40,000	8,000
8SCAFFOLD	Scaffold	1.00	1,600.00	HR	14.000			19,200	3,200
8SCAFLD	Scaffold and Gangwa	1.00	1,600.00	HR	6.030			8,615	1,034
8TPU	Pickup Truck	1.00	1,600.00	HR	9.870			5,392	10,400
8WELDTRK	Weld Truck/ Marine	1.00	1,600.00	HR	55.000			80,000	8,000
8WLD500	Welder - 500 Amp Di	1.00	1,600.00	HR	13.810			2,096	20,000
CARP-A	Carpenter - Apprentic	1.00	1,600.00	MH	33.350	134,706			134,706
CARP-F	Carpenter - Foreman	1.00	1,600.00	MH	45.500	159,626			159,626
CARP-J	Carpenter - Journeym	1.00	1,600.00	MH	40.250	148,858			148,858
MECH-J	Mechanic - Master	1.00	1,600.00	MH	37.490	143,197			143,197
OP-CR1	Operator - Crane Med	2.00	3,200.00	MH	46.300	322,534			322,534
OP-OIL	Equip Oiler	1.00	1,600.00	MH	43.780	156,099			156,099
WELD-J	Welder - Journeyman	1.00	1,600.00	MH	43.400	155,319			155,319
\$2,667,963.84	0.0666 MH/SF	12,800.0000	MH	[2.803]		1,220,340	480,000	673,820	293,803
120.0000	Units/H	1,080.0000	Un/Shift	15.0000	Unit/M *	6.36	2.50	3.51	1.53

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Perm	Constr	Equipme	Equipme	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Ex Ownershi	Operatio	Contract	Total

BID ITEM = 5520000

Description = Concrete Guideway

Land Item SCHEDULE: 1 100
Unit = CY Takeoff Quan: 17,778.000 Engr Quan: 0.000

10700 Rebar Side Walls **Quan: 2,000,000.00 LB Hrs/Shft: 9.00 Cal: 510 WC:NYGEN**

**Unreviewed

<u>REBARL</u>	Rebar Land Crew	285.71	CH	Prod: 500.0000 UM	Lab Pcs: 14.00	Eqp Pcs: 10.00		
2REBAR	Rebar	1,999,999.89	LB	0.500	1,000,000			1,000,000
8ADDSTM	Addon - Small Tool&	1.00	285.71 HR	2.650		614	143	757
8CRN130T	Grove RT9120E	1.00	285.71 HR	50.400		12,857	1,543	14,400
8CRNM200T	Manitowoc 777 200T	1.00	285.71 HR	220.000		42,857	20,000	62,856
8CRNRIG	Crane Rigging Equip	1.00	285.71 HR	30.000		7,143	1,429	8,571
8GEN1000	Generators 1000 KW	1.00	285.71 HR	35.000		5,714	4,286	10,000
8TPU	Pickup Truck	1.00	285.71 HR	9.870		963	1,857	2,820
8TT&T50T	Lowbed Tractor/Trail	1.00	285.71 HR	132.170		20,277	17,485	37,762
8WELDRK	Weld Truck/ Marine	1.00	285.71 HR	55.000		14,286	1,429	15,714
8WLD500	Welder - 500 Amp Di	2.00	571.43 HR	13.810		749	7,143	7,891
IRW-A	Iron Worker - Appren	2.00	571.43 MH	25.000	41,993			41,993
IRW-F	Iron Worker - Forema	1.00	285.71 MH	36.900	25,355			25,355
IRW-LR	Iron Worker - Lather/	4.00	1,142.86 MH	33.900	97,025			97,025
MECH-J	Mechanic - Master	1.00	285.71 MH	37.490	25,571			25,571
OP-CR1	Operator - Crane Med	1.00	285.71 MH	46.300	28,797			28,797
OP-CR2	Operator - Crane Hea	1.00	285.71 MH	47.300	29,164			29,164
OP-OIL	Equip Oiler	1.00	285.71 MH	43.780	27,874			27,874
TEAM-2	Teamster - 2	1.00	285.71 MH	48.550	29,621			29,621
WELD-A	Welder - Apprentice	1.00	285.71 MH	37.400	25,538			25,538
WELD-J	Welder - Journeyman	1.00	285.71 MH	43.400	27,735			27,735
\$1,519,443.91	0.0019 MH/LB	3,999.9700	MH	[0.075]	358,672	1,000,000	105,458	55,314
7,000.1050	Units/H	63,000.9450	Un/Shift	500.0050 Unit/M *	0.18	0.50	0.05	0.03
								0.76

10800 Place Concrete Side Walls **Quan: 5,000.00 CY Hrs/Shft: 9.00 Cal: 510 WC:NYGEN**

**Unreviewed

CONCL Concrete Place Land 625.00 CH **Prod: 8.0000 UH** Lab Pcs: 12.00 Eqp Pcs: 15.00

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
<hr/>										
BID ITEM = 5520000		Land Item		SCHEDULE: 1	100					
Description = Concrete Guideway		Unit =		CY	Takeoff Quan:	17,778.000	Engr Quan:	0.000		
2CONC	Concrete 5000 psi	5,000.00	CY	90.000	450,000				450,000	
8AC1300	Air Compressor - 130	1.00	625.00 HR	131.450			30,000	52,156	82,156	
8ADDSTM	Addon - Small Tool&	1.00	625.00 HR	2.650			1,344	313	1,656	
8CNCBOOM	Concrete Pump Boom	1.00	625.00 HR	73.810			32,131	14,000	46,131	
8CNCBUCK	Concrete Bucket	1.00	625.00 HR	2.270			919	500	1,419	
8CNCCNV	Concrete Conveyer (5	1.00	625.00 HR	18.600			5,469	6,156	11,625	
8CNCP	Concrete Pump - 250	1.00	625.00 HR	89.600			50,000	6,000	56,000	
8CNCPE1	Concrete Place Equip	1.00	625.00 HR	44.800			25,000	3,000	28,000	
8CNCPEQ2	Concrete Pumping Eq	1.00	625.00 HR	56.000			31,250	3,750	35,000	
8CNCTMRI	Tremi Pipe	1.00	625.00 HR	45.000			21,875	6,250	28,125	
8CNCWT	Concrete Work Tools	1.00	625.00 HR	4.310			2,694		2,694	
8CRN130T	Grove RT9120E	1.00	625.00 HR	50.400			28,125	3,375	31,500	
8CRNM100T	Manitowoc 11000 10	1.00	625.00 HR	150.000			62,500	31,250	93,750	
8GEN1	GENSET 1000KW	1.00	625.00 HR	11.200			6,250	750	7,000	
8PMPDISEL	Disel Tank and Pump	1.00	625.00 HR	30.000			15,625	3,125	18,750	
8TPU	Pickup Truck	1.00	625.00 HR	9.870			2,106	4,063	6,169	
CNC-A	Concrete Worker - Ap	3.00	1,875.00 MH	32.000	154,614			154,614		
CNC-F	Concrete Worker - Fr	1.00	625.00 MH	36.000	54,743			54,743		
CNC-J	Concrete Worker - Jo	3.00	1,875.00 MH	34.000	159,421			159,421		
OP-2	Operator - Medium E	1.00	625.00 MH	43.500	60,752			60,752		
OP-C	Operator - Concrete	1.00	625.00 MH	44.100	61,232			61,232		
OP-CR1	Operator - Crane Med	1.00	625.00 MH	46.300	62,995			62,995		
OP-OIL	Equip Oiler	2.00	1,250.00 MH	43.780	121,952			121,952		
\$1,575,683.88	1.5000 MH/CY	7,500.0000	MH	[56.933]	675,709	450,000	315,288	134,688	1,575,684	
8.0000	Units/H*	72.0000	Un/Shift	0.6667 Unit/M	135.14	90.00	63.06	26.94	315.14	

10900 Cure Concrete Side Walls Quan: 5,000.00 CY Hrs/Shft: 9.00 Cal: 510 WC:NYGEN

**Unreviewed

CURE Concrete Cure Crew 625.00 CH Prod: 8.0000 UH Lab Pcs: 5.00 Eqp Pcs: 6.00

DIRECT COST REPORT

Activity Resource	Description	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Ex Ownershi	Equipme Operatio	Equipme	Sub- Contract	Total
BID ITEM = 5520000				Land Item	SCHEDULE: 1	100					
Description = Concrete Guideway				Unit =	CY	Takeoff Quan:	17,778.000	Engr Quan:	0.000		
8AC900	Air Compressor - 900	1.00	625.00 HR	88.850				21,875	33,656		55,531
8ADDSTM	Addon - Small Tool&	1.00	625.00 HR	2.650				1,344	313		1,656
8CNCCURE	Concrete Cure Equip	1.00	625.00 HR	80.000				40,625	9,375		50,000
8CNCWT	Concrete Work Tools	1.00	625.00 HR	4.310				2,694			2,694
8PMPDISEL	Disel Tank and Pump	1.00	625.00 HR	30.000				15,625	3,125		18,750
8TPU	Pickup Truck	1.00	625.00 HR	9.870				2,106	4,063		6,169
CONF-A	Conc Finisher - Appre	2.00	1,250.00 MH	30.450	100,592						100,592
CONF-F	Conc Finisher - Fore	1.00	625.00 MH	41.190	58,901						58,901
CONF-J	Conc Finisher - Journ	2.00	1,250.00 MH	36.700	110,607						110,607
\$404,900.40	0.6250 MH/CY	3,125.0000	MH	[21.936]	270,100			84,269	50,531		404,900
8.0000	Units/H*	72.0000	Un/Shift	1.6000 Unit/M	54.02			16.85	10.11		80.98
=====> Item Totals: 5520000 - Concrete Guideway											
\$23,012,522.19	5.8444 MH/CY	103,903.34	MH	[230.759]	9,564,654	6,980,000		4,455,335	2,012,534		23,012,522
1,294.438	17778 CY				538.01	392.62		250.61	113.20		1,294.44
BID ITEM = 5530000				Land Item	SCHEDULE: 1	100					
Description = Walkway: 2" Filled Steel Grid Deck				Unit =	SF	Takeoff Quan:	80,000.000	Engr Quan:	0.000		
10100	Walkway: 2" Filled Steel Grid Deck			Quan: 80,000.00	SF	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN			
**Unreviewed											
4STLGRD2"	2" Filled Steel Grid D	80,000.00	SF	12.000					960,000		960,000

**Unreviewed

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Perm	Constr	Equipme	Equipme	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Ex Ownershi	Operatio	Contract	Total

BID ITEM = 5540000

Land Item SCHEDULE: 1 100

Description = Roadway: 5" Half Steel Grid Deck Unit = SF Takeoff Quan: 160,000.000 Engr Quan: 0.000

10100 Roadway: 5" Half Steel Grid Deck Quan: 160,000.00 SF Hrs/Shft: 9.00 Cal: 510 WC:NYGEN

**Unreviewed

4STLGRID5" 5" Half Steel Grid De 160,000.00 SF 18.000 2,880,000 2,880,000

BID ITEM = 5550000

Land Item SCHEDULE: 1 100

Description = Track and Signals Unit = LF Takeoff Quan: 16,000.000 Engr Quan: 0.000

10100 Furnish Rail Quan: 32,000.00 TF Hrs/Shft: 9.00 Cal: 510 WC:NYGEN

**Unreviewed

2RAIL Rail 136 RE 32,000.00 TF 60.200 1,926,400 1,926,400

10200 Plinth Rebar Quan: 307,651.00 LB Hrs/Shft: 9.00 Cal: 510 WC:NYGEN

<u>RPLR</u>	Rail - Plinth Rebar	87.90	CH	Prod: 500.0000 UM	Lab Pcs:	7.00	Eqp Pcs:	4.00	
2REBAR	Rebar	307,651.00	LB	0.500	153,826				153,826
8AC900	Air Compressor - 900	1.00	87.90	HR			3,077	4,733	7,810
8ADDSTM	Addon - Small Tool&	1.00	87.90	HR			189	44	233
8CRNG20T	Grove RT58E 20 Ton	1.00	87.90	HR			4,395	1,758	6,153
8TPU	Pickup Truck	1.00	87.90	HR			296	571	868
IRW-F	Iron Worker - Forema	1.00	87.90	MH	36.900	7,800			7,800
IRW-J	Iron Worker - Rigger	1.00	87.90	MH	33.900	7,462			7,462
IRW-LR	Iron Worker - Lather/	5.00	439.50	MH	33.900	37,312			37,312
\$221,463.72	0.0019 MH/LB	615.3000	MH	[0.069]	52,575	153,826	7,957	7,107	221,464
3,500.0114	Units/H	31,500.1024	Un/Shift	500.0025 Unit/M *	0.17	0.50	0.03	0.02	0.72

10300 Form Plinths Quan: 32,000.00 TF Hrs/Shft: 9.00 Cal: 510 WC:NYGEN

RPLF Rail - Plinth Form Crew 3,733.33 CH **Prod: 0.7000 MU** Lab Pcs: 6.00 Eqp Pcs: 4.00

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
<hr/>										
BID ITEM = 5550000			Land Item	SCHEDULE: 1	100					
Description = Track and Signals			Unit =	LF	Takeoff Quan:	16,000.000	Engr Quan:		0.000	
2FORMPLNTH	Plinth Form	32,000.00	TF	1.000		32,000				32,000
8AC900	Air Compressor - 900	1.00	3,733.33 HR	88.850			130,667	201,040		331,706
8ADDSTM	Addon - Small Tool&	1.00	3,733.33 HR	2.650			8,027	1,867		9,893
8CRNG20T	Grove RT58E 20 Ton	1.00	3,733.33 HR	70.000			186,667	74,667		261,333
8TPU	Pickup Truck	1.00	3,733.33 HR	9.870			12,581	24,267		36,848
CARP-F	Carpenter - Foreman	1.00	3,733.33 MH	45.500	372,461					372,461
CARP-J	Carpenter - Journeym	4.00	14,933.33 MH	40.250	1,389,344					1,389,344
OP-CR1	Operator - Crane Med	1.00	3,733.33 MH	46.300	376,290					376,290
\$2,809,875.91	0.6999 MH/TF	22,399.9900	MH	[29.493]	2,138,095	32,000	337,941	301,840		2,809,876
8.5714	Units/H	77.1429	Un/Shift	1.4286 Unit/M	66.82	1.00	10.56	9.43		87.81

10400	Pour and Finish Plinth Conc		Quan: 32,000.00	CY	Hrs/Shift: 9.00	Cal: 510	WC:NYGEN			
<u>RPLC</u>	Rail - Plinth Concrete		1,120.00	CH	Prod: 0.4200	MU	Lab Pcs: 12.00	Eqp Pcs: 9.00		
2CONC	Concrete 5000 psi	32,000.00	CY	90.000			2,880,000			2,880,000
8AC900	Air Compressor - 900	1.00	1,120.00 HR	88.850			39,200	60,312		99,512
8ADDSTM	Addon - Small Tool&	1.00	1,120.00 HR	2.650			2,408	560		2,968
8CNCBOOM	Concrete Pump Boom	1.00	1,120.00 HR	73.810			57,579	25,088		82,667
8CNCCNV	Concrete Conveyer (5	1.00	1,120.00 HR	18.600			9,800	11,032		20,832
8CNCCURE	Concrete Cure Equip	1.00	1,120.00 HR	80.000			72,800	16,800		89,600
8CNCP50	Concrete Pump - 50 c	1.00	1,120.00 HR	18.760			16,094	4,917		21,011
8CNCPE1	Concrete Place Equip	1.00	1,120.00 HR	44.800			44,800	5,376		50,176
8CNCWT	Concrete Work Tools	1.00	1,120.00 HR	4.310			4,827			4,827
8CRNG20T	Grove RT58E 20 Ton	1.00	1,120.00 HR	70.000			56,000	22,400		78,400
CNC-F	Concrete Worker - Fr	1.00	1,120.00 MH	36.000	98,099					98,099
CNC-J	Concrete Worker - Jo	4.00	4,480.00 MH	34.000	380,910					380,910
CONF-J	Conc Finisher - Journ	4.00	4,480.00 MH	36.700	396,416					396,416
CONF-N	Conc Finisher - Nozzl	1.00	1,120.00 MH	38.000	100,970					100,970
OP-CR1	Operator - Crane Med	1.00	1,120.00 MH	46.300	112,887					112,887
OP-OIL	Equip Oiler	1.00	1,120.00 MH	43.780	109,269					109,269

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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BID ITEM = 5550000

Description = Track and Signals

Land Item SCHEDULE: 1 100
Unit = LF Takeoff Quan: 16,000.000 Engr Quan: 0.000

\$4,528,545.33	0.4200 MH/CY	13,440.0000	MH	[15.641]	1,198,552	2,880,000	303,509	146,485		4,528,545
28.5714	Units/H	257.1429	Un/Shift	2.3810 Unit/M	37.45	90.00	9.48	4.58		141.52

10500 Dist & Set Fasteners Quan: 32,000.00 TF Hrs/Shift: 9.00 Cal: 510 WC:NYGEN

<u>RTK7</u>	Rail Track Crew - 7 man	520.00	CH	Prod: 0.1300 MU	Lab Pcs: 8.00	Eqp Pcs: 4.00				
2RAILFASNER	Rail Fasteners	32,000.00	TF	122.000	3,904,000					3,904,000
8AC900	Air Compressor - 900	1.00	520.00	HR			18,200	28,002		46,202
8ADDSTM	Addon - Small Tool&	1.00	520.00	HR			1,118	260		1,378
8CRNG20T	Grove RT58E 20 Ton	1.00	520.00	HR			26,000	10,400		36,400
8TPU	Pickup Truck	1.00	520.00	HR			1,752	3,380		5,132
TR-L	Track Labor	1.00	520.00	MH	42,880					42,880
TR-LF	Track Labor Foreman	7.00	3,640.00	MH	309,490					309,490
\$4,345,481.56	0.1300 MH/TF	4,160.0000	MH	[4.388]	352,369	3,904,000	47,070	42,042		4,345,482
61.5385	Units/H	553.8462	Un/Shift	7.6923 Unit/M	11.01	122.00	1.47	1.31		135.80

10600 Unload & Temp Fasten Rail Quan: 16,000.00 TF Hrs/Shift: 9.00 Cal: 510 WC:NYGEN

<u>RUH</u>	Rail Unload Haul	100.00	CH	Prod: 1,440.0000 US	Lab Pcs: 7.00	Eqp Pcs: 6.00				
8AC900	Air Compressor - 900	1.00	100.00	HR			3,500	5,385		8,885
8ADDSTM	Addon - Small Tool&	1.00	100.00	HR			215	50		265
8CRNG40T	Grove RT640E 40 To	1.00	100.00	HR			8,000	3,000		11,000
8CRNRIG	Crane Rigging Equip	1.00	100.00	HR			2,500	500		3,000
8CRNRSW	Speed Swing	1.00	100.00	HR			6,000	975		6,975
8TPU	Pickup Truck	1.00	100.00	HR			337	650		987
OP-CR1	Operator - Crane Med	1.00	100.00	MH	10,079					10,079
OP-OIL	Equip Oiler	1.00	100.00	MH	9,756					9,756
TR-L	Track Labor	1.00	100.00	MH	8,246					8,246
TR-LF	Track Labor Foreman	4.00	400.00	MH	34,010					34,010
\$93,203.28	0.0437 MH/TF	700.0000	MH	[1.613]	62,091		20,552	10,560		93,203
160.0000	Units/H	1,440.0000	Un/Shift *	22.8571 Unit/M	3.88		1.28	0.66		5.83

DIRECT COST REPORT

Activity	Description	Quantity	Unit	Unit	Cost	Labor	Material	Perm	Constr	Equipme	Equipme	Sub-	
Resource		Pcs										Contract	Total
<hr/>													
BID ITEM = 5550000			Land Item	SCHEDULE:	1	100							
Description = Track and Signals				Unit =	LF	Takeoff Quan:	16,000.000		Engr Quan:			0.000	
<hr/>													
10700	Fasten Surf, Align, Destress Rail			Quan:	32,000.00	TF	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
<u>RTK7</u>	Rail Track Crew - 7 man		1,400.00	CH	Prod:	0.3500	MU	Lab Pcs:	8.00	Eqp Pcs:	4.00		
8AC900	Air Compressor - 900	1.00	1,400.00	HR									124,390
8ADDSTM	Addon - Small Tool&	1.00	1,400.00	HR									3,710
8CRNG20T	Grove RT58E 20 Ton	1.00	1,400.00	HR									98,000
8TPU	Pickup Truck	1.00	1,400.00	HR									13,818
TR-L	Track Labor	1.00	1,400.00	MH			115,445						115,445
TR-LF	Track Labor Foreman	7.00	9,800.00	MH			833,241						833,241
\$1,188,604.20	0.3500 MH/TF	11,200.0000	MH	[11.813]			948,686			126,728	113,190		1,188,604
22.8571	Units/H	205.7143	Un/Shift	2.8571	Unit/M		29.65			3.96	3.54		37.14
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10800	Field Weld Rail			Quan:	1,280.00	EA	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
<u>WLD</u>	Weld Crew		1,066.66	CH	Prod:	5.0000	MU	Lab Pcs:	6.00	Eqp Pcs:	6.00		
2RAILWLD	Rail Weld Material		1,280.00	EA				154,880					154,880
8ADDSTM	Addon - Small Tool&	1.00	1,066.67	HR									2,827
8GEN100	Genset - 100 kW	1.00	1,066.67	HR									37,867
8WELDTRK	Weld Truck/ Marine	1.00	1,066.67	HR									58,667
8WLD500	Welder - 500 Amp Di	2.00	2,133.33	HR									29,461
8WLDHUT	Weld Hut Equip	1.00	1,066.67	HR									85,334
OP-OIL	Equip Oiler	1.00	1,066.67	MH			104,066						104,066
WALKB	Walking Boss	1.00	1,066.67	MH			95,479						95,479
WELD-A	Welder - Apprentice	2.00	2,133.33	MH			190,684						190,684
WELD-J	Welder - Journeyman	2.00	2,133.33	MH			207,092						207,092
\$966,355.57	5.0000 MH/EA	6,400.0000	MH	[202.4]			597,320	154,880		134,208	79,947		966,356
1.2000	Units/H	10.8001	Un/Shift	0.2000	Unit/M		466.66	121.00		104.85	62.46		754.97
<hr/>													
10900	Rail Grinding (sub)			Quan:	32,000.00	TF	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
4RAILGRND	Rail Grinding Sub		32,000.00	TF		2.450						78,400	78,400

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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BID ITEM = 5550000

Description = Track and Signals

Land Item SCHEDULE: 1 100
Unit = LF Takeoff Quan: 16,000.000 Engr Quan: 0.000

10910	Signal and Lighting (sub)	Quan: 16,000.00	LF	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
4RAILSYSTMS	Systms, Lights, Signal	16,000.00	LF	150.000					2,400,000	2,400,000

11000	Site Setup, Weld Yard, Stage Area	Quan: 1.00	LS	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
4SETUP	Site Set up	1.00	EA	6,000,000.000					6,000,000	6,000,000

=====> **Item Totals: 5550000 - Track and Signals**

\$24,558,329.57	3.6822 MH/LF	58,915.29 MH	[141.793]	5,349,689	9,051,106	977,965	701,170	8,478,400	24,558,330
1,534.896	16000 LF			334.36	565.69	61.12	43.82	529.90	1,534.90

BID ITEM = 5560000

Description = Site Setup and Re-Access

Land Item SCHEDULE: 1 100
Unit = LS Takeoff Quan: 1.000 Engr Quan: 0.000

10100	Re-access	Quan: 1.00	LS	Hrs/Shft: 9.00	Cal: 510	WC:NYGEN				
4REACCESS	Re-access Site	1.00	LS	5,000,000.000					5,000,000	5,000,000

**Unreviewed

Total of Above Sub-Biditems

=====> **Item Totals: 5500000 - Final Build - Transit Implementation**

\$154,680,367.67	14.2311 MH/TF	455,397.83 MH	[561.068]	41,887,138	65,147,105	14,305,578	6,362,146	26,978,400	154,680,368
4,833.761	32000 TF			1,308.97	2,035.85	447.05	198.82	843.08	4,833.76

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
<hr/>										
BID ITEM = 5560000			Land Item	SCHEDULE: 1	100					
Description = Site Setup and Re-Access			Unit =	LS	Takeoff Quan:	1.000	Engr Quan:	0.000		
\$154,680,367.67 *** Report Totals ***			455,397.83	MH	41,887,138	65,147,105	14,305,578	6,362,146	26,978,400	154,680,368

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

"Unreviewed" Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge: AF

JOB NOTES

Estimate created on: 01/22/2011 by User#: 0 -

Source estimate used: C:\HEAVYBID\EST\ESTMAST

*****Estimate created on: 02/20/2011 by User#: 0 -

Source estimate used: C:\HEAVYBID\EST\10NYTZB-3-04

*****Estimate created on: 03/06/2011 by User#: 0 -

Source estimate used: C:\HEAVYBID\EST\10NYTZB-5-02

*****Estimate created on: 05/02/2011 by User#: 0 -

Source estimate used: C:\HEAVYBID\EST\10NYTZB-5-03

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

DIRECT COST REPORT

Activity Resource	Description	Quantity Pcs	Unit Unit	Unit Cost	Perm Labor	Constr Material	Equipme Matl/Ex Ownershi	Equipme Operatio	Sub- Contract	Total
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BID ITEM = 5560000

Description = Site Setup and Re-Access

Land Item SCHEDULE: 1 100
Unit = LS Takeoff Quan: 1.000 Engr Quan: 0.000

Calendars are found in crew and labor codes and have the format XXXdY where
XXX = The Calendar and Y = The Starting Day of the Week with Day 1 = Monday, etc.

510 5 days per week 10 hours/day