#### **CLEVELAND PUBLIC LIBRARY**

# **Finance Committee**

January 16, 2018

# RESOLUTION APPROVING INCREASED CONSTRUCTION BUDGET AND GUARANTEED MAXIMUM PRICE AMENDMENT TO AGREEMENT WITH ALBERT M. HIGLEY CO. FOR SOUTH BRANCH RENOVATION PROJECT

- WHEREAS, On October 20, 2016, the Board of Trustees of the Cleveland Public Library authorized the Library to enter into an agreement with Albert M. Higley Co., LLC ("Higley") in the amount of \$368,353.75 to perform construction management services for the South Branch Renovation Project (the "Project"), and the Library executed the agreement on November 11, 2016 ("Agreement"); and
- WHEREAS, On February 19, 2017, this Board approved a Project budget of \$3.5 million dollars; and
- WHEREAS, On December 15, 2016 and September 21, 2017, this Board authorized amendments to the Agreement for the performance of additional work in the amount of \$3,700 for assessing the large central skylight and \$79,066.54 for asbestos abatement and utility pole relocation, respectively, increasing the total contract price to \$372,053.75; and
- WHEREAS, As contemplated by the Agreement, following the finalization of design and Higley's procurement of subcontractor construction bids for the work, Higley has prepared a Guaranteed Maximum Price Proposal which sets forth a maximum construction budget and final schedule; and
- WHEREAS, The subcontractors selected by Higley include 16.44% Minority Business Enterprise firms, 35.96% Female Business Enterprise firms, and 18.38% Small Business Enterprise firms, and will cost the Library a premium of \$22,337.88 over the cost of using non-MBE, FBE, and SBE subcontractors; and
- WHEREAS, The Guaranteed Maximum Price ("GMP") for the cost of the work (\$3,271,240.76), construction manager's fee (\$86,112.64, plus up to \$21,984 to be paid from any remaining unspent GMP funds), general

conditions (\$48,244.00), the construction contingency (\$95,765.23), and other costs (\$267,038.00) totals **\$3,768,400.63**. The GMP also includes the costs of asbestos abatement and utility pole and wire relocation which totaled \$79,066.54 and which this Board approved on September 19, 2017, and

- WHEREAS, The GMP exceeds the original estimated construction budget upon which this Board based its approval of the \$3.5 million Project budget. The difference between the original construction budget and the GMP is \$1,061,057.63 due to subcontractor bids being higher than anticipated, despite Higley bidding the subcontractor packages on two different occasions. The Library is hereby requesting approval from the Board to increase the construction budget by \$1,000,000 (with the \$61,057.63 to be taken from the Owner's Contingency and the Design Contingency) and to authorize an Owner's Contingency and Permit Fund in the amount of \$156,131.37, for a total Project budget increase of \$1,000,000 from \$3,500,000 to \$4,500,000 to cover the increase in construction costs and funds being allocated to an Owner's Contingency and Permit Fund; and
- WHEREAS, The GMP does not include certain expenses which were in the original estimated construction budget that the Library has now decided to pay for directly, including permitting, pre-construction costs, FF&E, owner's contingency, design fees, and technology in the estimated amount of \$731,599.37; now therefore be it
- RESOLVED, That The Board of Trustees of the Cleveland Public Library approves a \$1,000,000 increase to the Project budget, bringing the total Project budget to \$4,500,000, which includes all construction costs, design fees, FF&E, technology, Owner's Contingency, and construction contingencies; be it further
- RESOLVED, That the Board authorizes the Executive Director, CEO or his designees to accept the Guaranteed Maximum Price proposal and enter into and execute an amendment to the Agreement between the Cleveland Public Library and The Albert M. Higley Co., LLC approving the subcontract packages and increasing the contract amount from \$372,053.75 to \$3,768,400.63, which shall be paid from the Building and Repair fund account 40178305-55300-10783 (Construction/Improvements); be it further

# **EXHIBIT 8**

RESOLVED, That the Executive Director, CEO or his designees, is authorized to make expenditures and enter into contracts in excess of \$25,000 for the purchase of FF&E, technology, and other expenses as budgeted for the Project; and is further authorized to establish an Owner's Contingency and Permit Fund in the amount of \$156,131.37 and to make expenditures and enter into contracts in excess of \$25,000 to pay the costs resulting from permitting and changes and additions to the Project which may be made in the future by the Library, and which are not included in the GMP. The Library shall report monthly to the Board on expenditures from the Owner's Contingency and Permitting Fund.

# AMENDMENT NO. 3 TO CONSTRUCTION MANAGEMENT AGREEMENT BETWEEN THE ALBERT M. HIGLEY CO. AND THE CLEVELAND PUBLIC LIBRARY

Pursuant to the terms of the AIA A133-2009 Construction Management Agreement (the "Agreement") dated as of November 9, 2016, by and between **BOARD OF TRUSTEES OF THE CLEVELAND PUBLIC LIBRARY** ("Owner") and **THE ALBERT M. HIGLEY CO.** ("Construction Manager"), the Owner and the Construction Manager desire to enter into this Amendment to Construction Management Agreement (this "Amendment") to establish a GMP for a portion of the Work described in the Agreement. Therefore, the Owner and the Construction Manager agree as follows:

- Construction Manager's guaranteed maximum price for a portion of the Work described in the Agreement and as more fully described in the Exhibits attached hereto and incorporated herein by reference (the "GMP"), including the Cost of the Work, Construction Manager's Fee, the General Conditions Costs Compensation, and the Construction Contingency is Three Million Six Hundred Eighty-Nine Thousand Three Hundred Thirty-Four Dollars and Nine Cents (\$3,689,334.09).
- 2. Construction Manager's Fee shall be Eighty-Six Thousand One Hundred Twelve Dollars and Sixty-Four Cents (\$86,112.64). This value includes a voluntary reduction of \$21,984 in fee. Should any construction money be left unspent at the conclusion of the project, up to the first \$21,984 shall be given to the construction manager as additional fee.

3.	The Construction Manager as Adviser Fee (if applicable) shall beNA
4.	The Construction Contingency shall be Ninety-Five Thousand Seven Hundred Sixty-Five Dollars and Twenty-Three Cents (\$95,765.23).
5.	The attached Exhibits are a part of the Agreement as if each were physically incorporated therein.
	<b>EXHIBIT 1</b> Schedule of Values, dated 12/12/17, 1 page.
	<b>EXHIBIT 2</b> Allowance items, dated 12/12/17, 1 page.
	<b>EXHIBIT 3</b> Drawings and Specifications upon which the GMP is based, dated 12/12/17, pages.

**EXHIBIT 4** Construction Schedule, dated 10/20/17, 5 pages.

**EXHIBIT 6** Assumptions and Clarifications, dated 12/12/17, 5 page.

**EXHIBIT 7** Identified Claims, dated NA, pages.

**EXHIBIT 5** Unit Prices, dated 12/12/17, 9 pages.

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# **EXHIBIT 8** Deduct Alternates Schedule, dated 12/12/17, 1 pages.

- 6. Capitalized words and phrases herein shall have the same meanings as are ascribed to such words in the Agreement.
- 7. This Amendment may be executed by the parties in separate counterparts, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute but one and the same instrument.
- 8. Except as specifically amended herein, all of the provisions of the Agreement remain in full force and effect and all terms and conditions of the Agreement shall apply. In the event of an irreconcilable conflict between the terms of the Agreement and those of this Amendment, the terms of this Amendment shall control.
- 9. By execution of this Amendment, the Construction Manager acknowledges that, as of the date of this Amendment, the Construction Manager is not aware of, and has not reserved, any claim against the Owner except as otherwise identified on **EXHIBIT 7** (if any).

This Amendment is entered as of December 15, 2017.

CLEVELAND PUBLIC LIBRARY	THE ALBERT M. HIGLEY CO.
By:	By:
Name:	Name:
Its:	Its:

# The Cleveland Public Library

# South Branch

Cleveland, Ohio

12/12/2017

# **Summary Cost Estimate**

ITEM TRADE SUMMARY		South Branch
Demolition	\$	41,100.00
Site Work	\$	40,645.25
Landscaping	In A	Allowances
Concrete	\$	307,500.00
Masonry	\$	234,815.00
Steel	\$	129,655.00
General Trades	\$	184,850.00
Metal Studs and Drywall	\$	203,000.00
Millwork	\$	155,717.10
Roofing	\$	55,000.00
Glass	\$	201,600.00
Tile	\$	40,750.00
Carpet	\$	71,150.00
Paint	\$	55,800.00
Signage	\$	33,000.00
Fire Protection	\$	9,850.00
Plumbing	\$	158,600.00
Mechanical	\$	593,700.00
Electrical	\$	446,590.00
Construction Allowances	\$	191,000.00
Subcontractor Default Insurance	\$	37,851.87
Trade Subtotal	<b>\$</b> \$	<u>3,192,174.22</u>
Construction Contingency - 3%	\$	95,765.23
General Conditions	\$	48,244.00
General Requirements	\$	68,800.00
Staff & Staff Support	\$	134,025.00
AMH CM Bond	\$	24,576.00
Building Permit (By Owner)	\$	-
Taxes & Insurance	\$	39,637.00
Subtotal	<u>\$</u>	<u>3,603,221.45</u>
Construction Manager's Fee - 3%	\$	86,112.64
TOTAL ESTIMATED CONSTRUCTION COST	\$	3,689,334.09

PREVIOUSLY APPROVED GMP AMENDMENTS	
Precon	\$ 32,900.00
Skylight Exploration	\$ 3,700.00
Abatement and AT&T	\$ 79,066.54
TOTAL ESTIMATED PPROJECT COST	\$ 3,805,000.63

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# Exhibit 2- Allowance Items

The GMP includes the following allowances:

•	Added Abatement Allowance	\$ 15,000.00
•	Mlsc. Patch and Repair Allowance	\$ 15,000.00
•	Sand and Stain Existing Shelves Allowance	\$ 15,000.00
•	Special Testing and Inspection	\$ 5,000.00
•	Poor Soils Allowance	\$ 10,000.00
•	Paint Touch Up Allowance	\$ 10,000.00
•	Building Pictures/Video allowance	\$ 10,000.00
•	Landscape Contract Allowance	\$ 20,000.00
•	Electrical Work for Network Allowance	\$ 75,000.00
•	Floor Opening Reinstall Allowance	\$ 5,000.00
•	Floor Prep at Abatement Allowance	\$ 3,500.00
•	Crawl Space Masonry Holes Allowance	\$ 7,500.00

Total \$191,000.00

Date: 12/12/17



The Cleveland Public Library Date: 12/12/17

# Date: 12/12/17

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26 05 00	BASIC ELECTRICAL MATERIALS AND METHODS- 6/12/17
26 05 13	CONDUCTORS AND CABLES- 6/12/17
26 05 26	GROUNDING AND BONDING- 6/12/17
26 05 33	RACEWAYS AND BOXES- 6/12/17
26 05 36	CABLE TRAYS- 6/12/17
26 05 53	ELECTRICAL IDENTIFICATION- 6/12/17
26 05 73	OVERCURRENT PROTECTIVE DEVICE COORDINATION- 6/12/17
26 09 23	LIGHTING CONTROL DEVICES- 6/12/17
26 09 24	LOW-VOLTAGE LIGHTING CONTROL SYSTEM- 6/12/17
26 24 13	SWITCHBOARDS- 6/12/17
26 24 16	PANELBOARDS- 6/12/17
26 24 19	MOTOR CONTROLLERS- 6/12/17
26 27 13	ELECTRICITY METERING- 6/12/17
26 27 26	WIRING DEVICES- 6/12/17
26 28 13	FUSES- 6/12/17
26 28 16	ENCLOSED SWITCHES- 6/12/17
26 51 00	INTERIOR LIGHTING- 6/12/17
26 56 00	EXTERIOR LIGHTING- 6/12/17

## **DIVISION 28 – ELECTRONIC SAFETY AND SECURITY**

28 31 00 FIRE DETECTION AND ALARM- 6/12/17

# **DIVISION 31 – EARTHWORK**

31 10 00	SITE CLEARING- 6/12/17
31 20 00	EARTH MOVING- 6/12/17
31 23 19	DEWATERING- 6/12/17

## **DIVISION 32 – EXTERIOR IMPROVEMENTS**



The Cleveland Public Library

32 12 16	ASPHALT PAVING- 6/12/17
32 13 13	CONCRETE PAVING- 6/12/17
32 13 73	CONCRETE PAVING JOINT SEALANTS- 6/12/17
32 92 00	TURF AND GRASSES - 6/12/17
32 93 00	PLANTS- 6/12/17

Date: 12/12/17

# **DIVISION 33 – UTILITIES**

33 05 00	COMMON WORK RESULTS FOR UTILITIES- 6/12/17
33 41 00	STORM UTILITY DRAINAGE PIPING- 6/12/17
33 46 00	SUBDRAINAGE- 6/12/17



Activity ID	Activity Name	Orig	Start	Finish	Predecessors	Successors	Total	2017 2018 2019
		Dur					Float Apr	r May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar A
CLEVEL	AND PUBLIC LIBRARY - SO	UTH	<b>BRANC</b>	Н				
PRECONS	STRUCTION							
PRECON	STRUCTION							
I								
DDE 400	CDD NEW ELECTRICAL CERVICE	40	Mar 20 47 A	l 4C 47 A		ADD 440		CPP - NEW ELECTRICAL SERVICE
PRE-100 PRE-110	CPP - NEW ELECTRICAL SERVICE 100% CD'S		Mar-20-17 A Apr-03-17 A			ADD-110 PRE-150. PRE-160		100% CD'S
PRE-170	RE PREQUALIFY SUBCONTRACTORS		May-19-17 A	-	_	PRE-130, PRE-160		RE PREQUALIFY SUBCONTRACTORS
PRE-150	CREATE SUBCONTRACTOR SOW		Jun-14-17 A			PRE-180		© CREATE SUBCONTRACTOR SOW
PRE-160	PERMIT SUBMISSION TO CITY	20	Jun-14-17 A	-	_	1 KE-100		PERMIT SUBMISSION TO CITY
PRE-180	BID SUBCONTRACTS	15	Jun-16-17 A	<u> </u>		PRE-190		BID SUBCONTRACTS
PRE-240	RE PREQUALIFY SUBCONTRACTORS	25		-	_	PRE-260		RE PREQUALIFY SUBCONTRACTORS
PRE-260	BIDDING		Aug-14-17 A			PRE-190		BIDDING
PRE-190	SCOPE REVIEW	5		· ·	PRE-180, PRE-260	PRE-200, PRE-270		SCOPE REVIEW
PRE-270	VALUE ENGINEERING	15	Oct-05-17 A		· ·	PRE-200	50	VALUE ENGINEERING
PRE-200	CREATE GMP	10	Nov-01-17	Nov-14-17		PRE-210	50	CREATE GMP
PRE-210	OWNER GMP REVIEW & APPROVAL	5	Nov-15-17	Nov-21-17	· · · · · · · · · · · · · · · · · · ·	PRE-220, CON-100	50	OWNER GMP REVIEW & APPROVAL
PRE-220	AWARD SUBCONTRACTS	5	Nov-22-17	Nov-29-17	PRE-210	SUB-100, SUB-110, SUB-120, SUB-230, SUB-140, SUB-150, SUB-160, SUB-170, SUB-180, SUB-190, SUB-200, SUB-210, SUB-220, REN-180, SUB-130	50	■ AWARD SUBCONTRACTS
PROCUREM	/IENT							
SUBMITTAL	· <del>-</del> ···							
SUB-100	ZINC PANELS	15	Nov-30-17	Dec-20-17	PRE-220	APP-100	88	ZINC PANELS
SUB-110	MASONRY UNITS	15	Nov-30-17	Dec-20-17		APP-110	78	MASONRY UNITS
SUB-120	STOREFRONT FRAMING	15	Nov-30-17	Dec-20-17	PRE-220	APP-120	123	STOREFRONT FRAMING
SUB-230	GLAZING	15	Nov-30-17	Dec-20-17	PRE-220	APP-230	151	GLAZING
SUB-130	STEEL	15	Nov-30-17	Dec-20-17	PRE-220	APP-130	50	STEEL
SUB-140	SIGNAGE	15	Nov-30-17	Dec-20-17	PRE-220	APP-140	168	SIGNAGE SIGNAGE
SUB-150	HVAC EQUIPMENT	15	Nov-30-17	Dec-20-17	PRE-220	APP-150	136	HVAC EQUIPMENT
SUB-160	CERAMIC TILE PROCUREMENT	15	Nov-30-17	Dec-20-17	PRE-220	APP-160	135	CERAMIC TILE PROCUREMENT
SUB-170	BATHROOM PARTITIONS / ACCESSOIRES	15	Nov-30-17	Dec-20-17	PRE-220	APP-170	159	BATHROOM PARTITIONS / ACCESSOIRES
SUB-180	STANDARD LIGHT FIXTURES		Nov-30-17			APP-180	133	STANDARD LIGHT FIXTURES
SUB-190	SPECIALTY LIGHT FIXTURES	15	Nov-30-17	Dec-20-17	PRE-220	APP-190	124	SPECIALTY LIGHT FIXTURES
SUB-200	SKYLIGHT GLAZING	15	Nov-30-17	Dec-20-17	_	APP-200	164	SKYLIGHT GLAZING
SUB-210	ELECTRICAL EQUIPMENT / SERVICE	15	Nov-30-17	Dec-20-17		APP-210	151	ELECTRICAL EQUIPMENT/ SERVICE
SUB-220	MILLWORK / CASEWORK	15	Nov-30-17	Dec-20-17	PRE-220	APP-220	113	MILLWORK / CASEWORK
APPROVAL	ZINIO DANIELO	10	D 01 17	. 05.40	OLUB 400	154D 400	20	
APP-100	ZINC PANELS	10		Jan-05-18	_	LEAD-100	88	ZINC PANELS
APP-110	MASONRY UNITS	10	Dec-21-17	Jan-05-18	_	LEAD-110	78	MASONRY UNITS STORETHONE FRAMING
APP-120 APP-230	STOREFRONT FRAMING	10	Dec-21-17	Jan-05-18		LEAD-120 LEAD-230	123	STOREFRONT FRAMING GLAZING
APP-230 APP-130	GLAZING STEEL	10	Dec-21-17 Dec-21-17	Jan-05-18 Jan-05-18		LEAD-230 LEAD-130	151 50	STEEL
APP-130 APP-140	SIGNAGE	10	Dec-21-17	Jan-05-18		LEAD-140	168	SIGNAGE
APP-140 APP-150	HVAC EQUIPMENT	10	Dec-21-17 Dec-21-17	Jan-05-18	_	LEAD-140	136	HVAC EQUIPMENT
APP-160	CERAMIC TILE PROCUREMENT	10	Dec-21-17 Dec-21-17	Jan-05-18		LEAD-160	135	CERAMIC TILE PROCUREMENT
APP-170	BATHROOM PARTITIONS / ACCESSOIRES	10	Dec-21-17	Jan-05-18		LEAD-170	159	BATHROOM PARTITIONS / ACCESSOIRES
APP-180	STANDARD LIGHT FIXTURES	10			SUB-180	LEAD-180	133	STANDARD LIGHT FIXTURES
APP-190	SPECIALTY LIGHT FIXTURES	10	Dec-21-17	Jan-05-18		LEAD-190	124	SPECIALTY LIGHT FIXTURES
APP-200	SKYLIGHT GLAZING	10	Dec-21-17	Jan-05-18	_	LEAD-200	164	SKYLIGHT GLAZING
APP-210	ELECTRICAL EQUIPMENT / SERVICE	10		Jan-05-18		LEAD-210	151	ELECTRICAL EQUIPMENT / SERVICE
7.11 2.10				53 55 16			701	

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Activity ID	Activity Name	Orig	Start	Finish	Predecessors	Successors	Total		20	017						2018	2019	
		Dur					Float	Apr May	Jun	Jul	Aug Sep	Oct 1	lov Dec	Jan Fe	b Mar	Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Ma	r Apr
APP-220	MILLWORK / CASEWORK	10	Dec-21-17	Jan-05-18	SUB-220	LEAD-220	113							MILLW	ORK/C	ASEWORK		
LEAD TIMES		,																
LEAD-100	ZINC PANELS	40	Jan-08-18	Mar-02-18	APP-100	ADD-340	88									C PANELS		
LEAD-110	MASONRY UNITS	40	Jan-08-18	Mar-02-18	APP-110	ADD-310	78								MAS	SONRY UNITS		
LEAD-120	STOREFRONT FRAMING	20	Jan-08-18	Feb-02-18	APP-120	ADD-360, ADD-390, ADD-440	123							s s	TOREF	RONT FRAMING		
LEAD-130	STEEL	40	Jan-08-18	Mar-02-18	APP-130	ADD-180	50								STE	EL		
LEAD-140	SIGNAGE	20	Jan-08-18	Feb-02-18	APP-140	ADD-470	168							s s	IGNAGE			
LEAD-150	HVAC EQUIPMENT	30	Jan-08-18	Feb-16-18		ADD-240, REN-270	136									EQUIPMENT		
LEAD-160	CERAMIC TILE PROCUREMENT	30	Jan-08-18	Feb-16-18		ADD-450	135									MIC TILE PROCUREMENT		
LEAD-170	BATHROOM PARTITIONS / ACCESSOIRES	15	Jan-08-18	Jan-26-18		ADD-520	159									M PARTITIONS / ACCESSOIRES		
LEAD-180	STANDARD LIGHT FIXTURES	20	Jan-08-18	Feb-02-18		ADD-400, REN-340	133							s s	TANDAF	RD LIGHT FIXTURES		
LEAD-190	SPECIALTY LIGHT FIXTURES	60	Jan-08-18	Mar-30-18	APP-190	REN-350	124									SPECIALTY LIGHT FIXTURES		
LEAD-200	SKYLIGHT GLAZING	20	Jan-08-18	Feb-02-18		REN-220	164									T GLAZING		
LEAD-210	ELECTRICAL EQUIPMENT / SERVICE	15	Jan-08-18	Jan-26-18	APP-210	REN-270	151							EL EL		AL EQUIPMENT / SERVICE		
LEAD-220	MILLWORK / CASEWORK	40	Jan-08-18	Mar-02-18	APP-220	REN-460	113								MILL	WORK / CASEWORK		
LEAD-230	GLAZING	5	Aug-09-18	Aug-15-18	ADD-360, ADD-390, APP-230	ADD-430, ADD-440	0									■ GLAZING		
CONSTRU	ICTION																	
CON-100	NOTICE TO PROCEED	0		Nov-21-17	DDE 210	CON-110	68						▲ NOT	CE TO PF	OCEED			
CON-100 CON-110	MOBILIZE / MAKE-SAFE	-	Mar-01-18*	Mar-07-18		REN-120, ADD-100, REN-5							▼ INO I	CE IU PR		BILIZE / MAKE-SAFE		
	WOBILIZE / WARE-SAFE	5	Mai-01-10	IVIAI - 07 - 16	CON-100	REN-120, ADD-100, REN-	5 0								- IVIC	DILIZE / IVIANE-SAFE		
ADDITION SHELL & CO	DE																	
ADD-100	CLEAR SITE / EXCAVATE	5	Mar-08-18	Mar-14-18	CON 110	ADD-110	0									LEAR SITE / EXCAVATE		
ADD-100 ADD-110	RELOCATE SERVICE POLE - CPP	3	Mar-15-18		PRE-100, ADD-100	ADD-110 ADD-130, ADD-120,	0									RELOCATE SERVICE POLE - CPP		
ADD-110	RELOCALE SERVICE FOLE - CFF	3	IVIAI - 15-16	Mai - 19-16	FRE-100, ADD-100	SITE-130	U								• [	RELOCATE SERVICE FOLE - CFF		
ADD-120	ELECTRICAL UG	3	Mar-20-18	Mar-22-18	ADD-110	ADD-130, ADD-140	0								1	ELECTRICAL UG		
ADD-130	INSTALL TRANSFORMERS / RUN SERVICE - C	2	Mar-23-18	Mar-26-18	ADD-110, ADD-120		135									INSTALL TRANSFORMERS / RUN SERVICE - CPP		
ADD-140	EXTERIOR WALL FOUNDATIONS	10	Mar-23-18	Apr-05-18	ADD-120	ADD-150, ADD-530, ADD-560	0									EXTERIOR WALL FOUNDATIONS		
ADD-530	STONE FILL	5	Apr-06-18	Apr-12-18	ADD-140	ADD-540	0									STONE FILL		
ADD-540	LEAN CONCRETE / CONCRETE CAPS / GRADE BEAMS	10	Apr-13-18	Apr-26-18	ADD-530	ADD-150, ADD-550	0									LEAN CONCRETE / CONCRETE CAPS / GRA	DE BEAMS	
ADD-550	UG PLUMBING - SLEEVES	1	Apr-20-18	Apr-20-18	ADD-540	ADD-160	6									I UG PLUMBING - SLEEVES		
ADD-560	STRIP FORMS EXTERIOR OF BUILDING	1	Apr-20-18	Apr-20-18		ADD-570	113									I STRIP FORMS EXTERIOR OF BUILDING		
ADD-570	EXTERIOR FOUNDATION DRAINAGE & BACKF	3	Apr-23-18	Apr-25-18	ADD-560		113									■ EXTERIOR FOUNDATION DRAINAGE & BAC	KFILL	
ADD-150	BACKFILL	2	Apr-27-18	Apr-30-18	ADD-140, ADD-540	ADD-180, ADD-170, ADD-160	0									■ BACKFILL		
ADD-160	PLUMBING UG RI	3	May-01-18	May-03-18	ADD-150, ADD-550	ADD-170	0									PLUMBING UG RI		
ADD-170	PREP / POUR SOG	5	May-04-18	,	ADD-150, ADD-160	ADD-180	0									PREP / POUR SOG		
ADD-180	ERECT / DETAIL / DECK STRUCTURAL STEEL	7	May-14-18	May-22-18	ADD-150, ADD-170, LEAD-130	ADD-190, ADD-200, ADD-230	0									■ ERECT / DETAIL / DECK STRUCTURAL	STEEL	
ADD-190	EXTERIOR STRUCTURAL STUDS	7	May-23-18	Jun-01-18		ADD-210, ADD-220, ADD-230, ADD-580, ADD-590	0									EXTERIOR STRUCTURAL STUDS		
ADD-200	ROOF CURBS	1	May-23-18	May-23-18	ADD-180	ADD-210	23									I ROOF CURBS		
ADD-590	METAL STUD INSPECTION	1	Jun-01-18	Jun-01-18		ADD-620, ADD-220,	0									METAL STUD INSPECTION		
						ADD-660												
ADD-620	SCAFFOLDING - INTERIOR PARAPET	1	Jun-04-18	Jun-04-18	ADD-590	ADD-600	3									SCAFFOLDING - INTERIOR PARAPE	「	
ADD-660	SCAFFOLDING	2	Jun-04-18	Jun-05-18		ADD-220	0									■ SCAFFOLDING		
ADD-600	EXTERIOR SHEATHING - INTERIOR PARAPET	3	Jun-05-18	Jun-07-18	ADD-620	ADD-610	3									■ EXTERIOR SHEATHING - INTERIOR	PARAPET	

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Activity ID	Activity Name	Orig	Start	Finish	Predecessors	Successors	Total	2017 2018	2019
,		Dur							eb Mar Apr
ADD-220	EXTERIOR SHEATHING	5	Jun-06-18	Jun-12-18	ADD-190, ADD-590, ADD-660	ADD-260, ADD-250	0	■ EXTER OR SHEATHING	
ADD-610	AIR BARRIER - INTERIOR PARAPET	1	Jun-08-18	Jun-08-18	ADD-600	ADD-630	3	I AIR BARRIER - INTERIOR PARAPET	
ADD-630	RIGID INSULATION - INTERIOR PARAPET	2	Jun-11-18	Jun-12-18	ADD-610	ADD-640	3	I RIGID INSULATION - INTERIOR PARAPET	
ADD-260	AIR BARRIER	2	Jun-13-18	Jun-14-18	ADD-220	ADD-300, ADD-280	0	O I AIR BARRIER	
ADD-640	MASONRY - INTERIOR PARAPET	4	Jun-13-18	Jun-18-18	ADD-630	ADD-580	3	MASONRY-INTERIOR PARAPET	
ADD-280	FACADE ANCHORAGE	5	Jun-15-18	Jun-21-18	ADD-260	ADD-300	0		
ADD-300	RIGID INSULATION	3	Jun-19-18	Jun-21-18	ADD-260, ADD-280	ADD-340, ADD-310	0	Ī	
ADD-580	ROOF BLOCKING	2	Jun-19-18	Jun-20-18	ADD-190, ADD-640	ADD-210, ADD-650	3	B	
ADD-650	SCAFFOLD REMOVAL	1	Jun-21-18	Jun-21-18	ADD-580	ADD-210	3	B I SCAFFOLD REMOVAL	
ADD-210	ROOFING	10	Jun-22-18	Jul-06-18	ADD-190, ADD-200, ADD-580, ADD-650	ADD-240, ADD-250	3	B ROOFING	
ADD-310	MASONRY	10	Jun-22-18	Jul-06-18	ADD-300, LEAD-110	ADD-340, ADD-360	0	D MASONRY	
ADD-250	SUBSTANTIAL ENCLOSURE MILESTONE	0		Jul-06-18	ADD-210, ADD-220	ADD-330	3	B SUBSTANTIAL ENCLOSURE MILEST ON	E
ADD-340	ZINC TILES	15	Jul-09-18	Jul-27-18	ADD-300, ADD-310, LEAD-100	ADD-360	0	ZINC TILES	
ADD-240	SET HVAC RTU	1	Jul-09-18	Jul-09-18	ADD-210, LEAD-150	COMP-100	57	, I SET HVAC RTU	
ADD-360	CW / STOREFRONT FRAMING	8	Jul-30-18	Aug-08-18	ADD-310, ADD-340, LEAD-120	ADD-430, LEAD-230	0	CW/STOREFRONT FRAMING	
ADD-430	CW / STOREFRONT GLAZING	5	Aug-16-18	Aug-22-18	ADD-360, LEAD-230	ADD-470, COMP-100, SITE-110	0	CW / STOREFRONT GLAZING	
ADD-470	SIGNAGE INSTALL	3	Aug-23-18	Aug-27-18	ADD-430, LEAD-140		27	SIGNAGE INSTALL	
INTERIORS			, , ,	1 3					
ADD-230	INTERIOR FRAMING	5	Jun-04-18	Jun-08-18	ADD-190, ADD-180	ADD-270	8	INTERIOR FRAMING	
ADD-270	MEP OH RI	7	Jun-11-18	Jun-19-18	ADD-230	ADD-290	8	s	
ADD-290	MEP IN-WALL RI	7	Jun-18-18	Jun-26-18	ADD-270	ADD-320	8	B	
ADD-320	MEP RI INSPECTION	3	Jun-26-18	Jun-28-18	ADD-290	ADD-330	8	B MEP RI INSPECTION	
ADD-330	INSULATION / HANG DRYWALL - WALLS & CEI	5	Jul-09-18	Jul-13-18	ADD-320, ADD-250	ADD-350	3	B INSULATION / HANG DRYWALL - WAL	LS & CEILING
ADD-350	TAPE & FINISH DRYWALL	7	Jul-16-18	Jul-24-18	ADD-330	ADD-370	3	TAPE & FINISH DRYWALL	
ADD-370	PRIME PAINT / 1ST COAT	5	Jul-25-18	Jul-31-18	ADD-350	ADD-380, ADD-390, ADD-450	3	PRIME PAINT / 1ST COAT	
ADD-380	CEILING GRID	3	Aug-01-18	Aug-03-18	ADD-370	ADD-400	9	D CEILING GRID	
ADD-390	VESTIBULE CW / LOBBY STOREFRONT FRAM	3	Aug-01-18	Aug-03-18	ADD-370, LEAD-120	LEAD-230, ADD-440	3	B	RONT FRAMIN
ADD-400	OVERHEAD MEP FINISHES	3	Aug-06-18	Aug-08-18	ADD-380, LEAD-180	ADD-410, COMP-100	9	D U OVERHEAD MEP FINISHES	
ADD-410	ABOVE-CEILING INSPECTIONS	2	Aug-09-18	Aug-10-18	ADD-400	ADD-420	9	D	
ADD-420	ACOUSTIC CEILING TILE	3	Aug-13-18	Aug-15-18	ADD-410	ADD-450, ADD-460, COMP-100, ADD-500	9	B ACOUSTIC CEILING TILE	
ADD-450	CERAMIC TILE RESTROOMS - WALLS / FLOORING	5	Aug-16-18	Aug-22-18	LEAD-160, ADD-370, ADD-420	ADD-490, ADD-670	9	CERAMIC TILE RESTROOMS -	WALLS / FLO
ADD-500	FINISH PAINT	3	Aug-16-18	Aug-20-18	ADD-420	ADD-510, COMP-110, ADD-460	17	FINISH PAINT	
ADD-460	FLOORING - RESILIENT / CERAMIC	5	Aug-21-18	Aug-27-18	ADD-420, ADD-500	ADD-480, ADD-440	20	D FLOORING - RESILIENT / CEF	RAMIC
ADD-510	MEP FIXTURES / FINISHES	5	Aug-22-18	Aug-28-18	ADD-500, ADD-670	COMP-120	16		
ADD-670	FINISH PAINT AT RESTROOMS	1	Aug-23-18	Aug-23-18		ADD-510, ADD-490	9		
ADD-490	PLUMBING RESTROOM FIXTURES	3	Aug-24-18		ADD-450, ADD-670	ADD-520	9	A LOWENT NEOTING OWN DATE	
ADD-440	VESTIBULE CW / LOBBY STOREFRONT GLAZING	2	Aug-28-18	Aug-29-18	LEAD-230, ADD-390, LEAD-120, ADD-460		25	S	REFRONT GL
ADD-480	DOORS / HARDWARE	2	Aug-28-18	Aug-29-18	ADD-460	COMP-100	20		
ADD-520	BATHROOM PARTITIONS / ACCESSORIES	2	Aug-29-18	Aug-30-18	ADD-490, LEAD-170	COMP-130, COMP-110	9	B BATHROOM PARTITIONS / AC	CESSORIES
SITEWORK									
SITE-130	SITE PARKING & WALKS	20	Mar-20-18	Apr-16-18	ADD-110		120	SITE PARKING & WALKS	
SITE-110	STAIRS / RAMP	20	Aug-23-18	Sep-20-18		COMP-130, SITE-120,	0	STAIRS / RAMP	
			_			SITE-100			

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Activity ID	Activity Name	Orig	Start	Finish	Predecessors	Successors	Total		2017	7							2018	2019
		Dur					Float	Apr May	Jun J	Jul <i>A</i>	Aug Sep	Oct	Nov D	ec Ja	n Feb	Mar	Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr
SITE-100	SITE SIGNAGE	5	Sep-14-18	Sep-20-18			10										■ SITE SIGNAGE	
	LANDSCAPING	10	Sep-21-18*	Oct-04-18	SITE-110		0										LANDSCAPING	
EXISTING BU	JILDING RENOVATION																	
<b>Ⅱ</b>					,													
REN-100	10 DAY EPA NOTICE		Oct-16-17 A			REN-110	98						-	EPA N	-			
REN-110	ABATEMENT	20	Oct-30-17	Nov-27-17		REN-120	98							ABATEM	IENT			
REN-120	SELECT DEMOLITION	10	Mar-08-18	Mar-21-18	CON-110, REN-110	REN-170, REN-130, REN-140	28										SELECT DEMOLITION	
DA OFMENIA						IXLIV-140												
BASEMENT DEN 420	DATCH / DEDAID OF HING		Man 22 40	Mar. 20, 40	DEN 400	DEN 450	000									_	DATOLL / DEDAID CEILING	
REN-130	PATCH / REPAIR CEILING	5	Mar-22-18	Mar-28-18 Apr-06-18		REN-150 REN-160	86										PATCH / REPAIR CEILING  BUILD 2-HR RATED CEILING IN MECH ROOM	
REN-150 REN-160	BUILD 2-HR RATED CEILING IN MECH ROOM MEP RI	7 15	Mar-29-18 Apr-09-18	Apr-00-18 Apr-27-18		REN-270	86 86									•	MEP RI	
REN-270	MEP EQUIPMENT INSTALL	5	Apr-30-18	<b>.</b>	REN-160, LEAD-150,	REN-290, COMP-100	86										MEP EQUIPMENT INSTALL	
INLIN-270	MEI EQUI MENT INSTALE		Αρι-30-10	Way-04-10	LEAD-210	INEIN-230, COMI - 100	00										WEI EQUI WEIT INSTALL	
REN-290	MEP CONNECTIONS / START-UP	20	May-07-18	Jun-04-18	REN-270, REN-140		86										MEP CONNECTIONS / START-UP	
GROUND FL	OOR																	
REN-140	MECHANICAL UNDERGROUND	25	Mar-22-18	Apr-25-18	REN-120	REN-170, REN-290,	28										MECHANICAL UNDERGROUND	
III						REN-190												
REN-170	INTERIOR FRAMING - WALLS / MULTIPURPOSE ROOM FLOOR	7	Apr-17-18	Apr-25-18	REN-120, REN-140	REN-200, REN-210	30										INTERIOR FRAMING WALLS / MULTIPURPO	SE ROOM FLOOR
REN-190	FLOOR REPAIR	10	Apr-26-18	May-09-18	REN-140	REN-250, REN-200, REN-210, REN-240	28										FLOOR REPAIR	
REN-200	MEP IN-WALL RI	15	Apr-30-18	May-18-18	REN-170, REN-190	REN-230	28										MEP IN-WALL RI	
REN-210	MEP ABOVE-CEILING RI	15	Apr-30-18	May-18-18	REN-170, REN-190	REN-230	28										MEP ABOVE-CEILING RI	
REN-230	MEP RI INSPECTION	3	May-21-18	May-23-18	REN-200, REN-210	REN-250, REN-260, REN-350	28										I MEP RI INSPECTION	
REN-250	PLASTER REPAIR - WALLS / CEILINGS	15	May-24-18	Jun-14-18	REN-230, REN-190	REN-300, REN-310	28										PLASTER REPAIR - WALLS / CEILIN	GS
REN-260	HANG DRYWALL	3	May-24-18	May-29-18	· · · · · · · · · · · · · · · · · · ·	REN-280	33										■ HANG DRYWALL	
REN-280	TAPE & FINISH DRYWALL	7	May-30-18	Jun-07-18		REN-300	33										■ TAPE & FINISH DRYWALL	
REN-300	PRIME PAINT / FIRST COAT	10	Jun-15-18	Jun-28-18	REN-280, REN-250	REN-330, REN-340, REN-460	28										PRIME PAINT / FIRST COAT	
REN-330	CEILING GRID	2	Jun-29-18	Jul-02-18	REN-300	REN-340	28										CEILING GRID	
REN-460	MILLWORK / CASEWORK	10	Jun-29-18	Jul-13-18	LEAD-220, REN-300	REN-470	30										MILLWORK / CASEWORK	
REN-340	OVERHEAD MEP FINISHES	6	Jul-03-18	Jul-11-18	REN-330, LEAD-180, REN-300	REN-380, COMP-100	28										OVERHEAD MEP FINISHES	
REN-380	ABOVE-CEILING INSPECTIONS	3	Jul-11-18	Jul-13-18	REN-340	REN-420	28										ABOVE-CEILING INSPECTION	s
REN-420	ACOUSTIC CEILING TILE	2	Jul-16-18	Jul-17-18	REN-380	REN-430, COMP-100,	28										I ACOUSTIC CEILING TILE	
						REN-470												
REN-470	FINISH PAINT	3	Jul-18-18	Jul-20-18	REN-460, REN-420	REN-480, REN-490, COMP-110, REN-430, REN-500	28										I FINISH PAINT	
REN-430	FLOORING	10	Jul-23-18	Aug-03-18	REN-420, REN-470	REN-450, REN-440, COMP-110	28										FLOORING	
REN-480	MEP FIXTURES / FINISHES	5	Jul-23-18	Jul-27-18	REN-470	COMP-120	38										■ MEP FIXTURES / FINISHES	
REN-490	PLUMBING RESTROOM FIXTURES	2	Jul-23-18	Jul-24-18	REN-470		51										I PLUMBING RESTROOM FIX	TURES
REN-500	ROLLER SHADES	5	Jul-23-18	Jul-27-18	REN-470		48										■ ROLLER SHADES	
REN-440	MODULAR WALL ASSEMBLY	5	Aug-06-18	Aug-10-18			38										■ MODULAR WALL ASSEM	BLY
REN-450	DOORS / HARDWARE	2	Aug-06-18	Aug-07-18	REN-430	COMP-100	36										I DOORS/HARDWARE	
2ND FLOOR					DEV. 05	DEN 002												_
REN-310	PATCH / REPAIR EXISTING PLASTER		Jun-15-18	Jun-19-18		REN-360, REN-320	50										PATCH / REPAIR EXISTING PLASTE	:R
REN-320	MEP RI	5	Jun-20-18	Jun-26-18		REN-400, REN-360	50										MEP RI	
REN-360	PRIME PAINT	2	Jun-27-18		REN-310, REN-320	REN-370, REN-390	50										PRIME PAINT	
REN-390	FINAL PAINT	3	Jun-29-18	Jul-03-18	REN-360	REN-410, REN-400, COMP-110, REN-370	50										FINAL PAINT	
REN-370	RESILIENT FLOORING	3	Jul-05-18	Jul-09-18	REN-360, REN-390		62										■ RESILIENT FLOORING	

Run Date: Oct-20-17

Sheet 4 of 5

Data Date: Oct-20-17 Baseline: CPL-SOUTH - 073117

Activity ID	Activity Name	Orig	Start	Finish	Predecessors	Successors	Total		2017							20	018					201	)
		Dur					Float	Apr M	1ay Jun Jul	Aug Sep	Oct N	lov Dec	Jan Fe	b Mar	Apr N	ay Jun	Jul	Aug S	ep Oct	Nov	Dec Jai	n Feb	Лar Ар
REN-400	SURFACE-MOUNT LIGHT FIXTURES	2	Jul-05-18	Jul-06-18	REN-320, REN-390		63										I SU	RFACE-I	MOUNT	LIGHT	FIXTURE	S	
REN-410	MEP FINISHES	3	Jul-05-18	Jul-09-18	REN-390	COMP-120	52										■ ME	EP FINIS	SHES				
SKYLIGHT																							
REN-510	REMOVE EXISTING FRAMES FROM SITE FOR ABATEMENT	1	Mar-08-18*	Mar-08-18	CON-110	REN-180	130							I RE	MOVE	EXISTING	G FRAI	MES FRO	SITE	FOR	BATEME	NT	
REN-180	SEND EXISTING FRAMES FOR REFINISHING	10	Mar-09-18	Mar-22-18	PRE-220, REN-510	REN-220	130								SEND E	XISTING	FRAM	IES FOR	REFINI	SHING			
REN-220	INTEGRATE NEW GLAZING INTO FRAMING	5	Mar-23-18	Mar-29-18	REN-180, LEAD-200	REN-240	130								INTEG	RATE N	EW GL	AZING II	NTØ FR	AMING			
REN-350	LIGHT FIXTURE INSTALL	5	May-24-18	May-31-18	REN-230, LEAD-190	REN-240	86									■ LIG	HT FI	KTURE II	NSTALL				
REN-240	INSTALL SKYLIGHT	2	Jun-01-18	Jun-04-18	REN-220, REN-190, REN-350		86									I IN	\$TALL	SKYLIGI	нт				
	COMPLETION																						
COMP-100	AIR BALANCING	5	Aug-30-18	Sep-06-18	ADD-400, REN-340, REN-270, ADD-240, ADD-420, REN-420, ADD-480, REN-450, ADD-430		20												AIR BAI	_ANCIN	IG		
COMP-110	FINAL CLEAN	5	Aug-31-18	Sep-07-18	ADD-500, REN-470, REN-390, REN-430, ADD-520	COMP-120, COMP-130	9												FINAL	CLEAN			
COMP-130	FINAL PUNCHLIST	10	Sep-07-18	Sep-20-18	ADD-520, SITE-110, COMP-110	COMP-150	5												FINA	L PUN	CHLIST		
																			HINIAI	INICOE	CTIONS		
COMP-120	FINAL INSPECTIONS	5	Sep-10-18	Sep-14-18	COMP-110, ADD-510, REN-480, REN-410	COMP-140, COMP-150	9											"	FINAL	. IINOFE	.0110113		
COMP-120		5	Sep-10-18 Sep-10-18			COMP-140, COMP-150	9														NG / BAL	ANCING	
	FINAL TESTING / BALANCING		•	Sep-14-18	REN-480, REN-410	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	9 5												] FINAL	.TESTI		ANCING	

Sheet 5 of 5

# The Cleveland Public Library

# South Branch

Cleveland, Ohio

# Exhibit 5 GMP Unit Pricing

ITEM	Value	Value	Value
	Regular	Overtime	Double Time
General Labor Foreman	\$67.17	\$100.76	\$134.34
Laborer Foreman	\$65.66	\$98.49	\$131.32
Laborer	\$61.98	\$92.97	\$123.96
Carpenter	\$68.84	\$103.26	\$137.68
Carpetry Foreman	\$72.70	\$109.05	\$145.40
General Carpentry Foreman	\$75.53	\$113.30	\$151.06
CSG Gen. Carpentry Foreman	\$86.05	\$129.08	\$172.10
Cement Finisher Foreman	\$71.17	\$106.76	\$142.34
Cement Finisher	\$68.82	\$103.23	\$137.64

# AM Higley Equipment Rentals

Item Description	Type	Ext.	отс
		Price	Ext.
Miscellaneous Equipment			
Ardex Tools - drum,spreader,smoother,han	R	150	
Banding Tools:			
Banding Cart (dispenser)	R	20	
Tensioner	R	20	
Crimper	R	20	
Bottle Jacks (all sizes)	R	10	
Rolling Magnet	R	20	
Two Ton Floor Jack	R	25	
Water Jug w/cup dispenser	OTC		20
Waterstop Splice Iron	R	15	
Weed Burner w/ 15' hose	R	10	
Skid Steer Loader			
Mustang Loader 2060 w/bucket	R	1450	
Mustang Pallet Forks	R	75	
Mustang Gradall Bucket	R	75	
Mustang Street Sweeper	R	150	
Mustang Grappler Bucket	R	100	
Hepa Filter Machines			
Hepa Filter Machines - 3 microns	R	200	
Diesel Compressors			
185 C.F.M. Diesel Compressor	R	500	
Air Hose 3/4" x 50' w/chicago ftg.	R	15	
Air Hose "Y" 3/4"	OTC		5
Signage			
Danger Signs - 18 x 30 w/logo	OTC	25	
AMH Logo Signs - 10 x 14	OTC	20	
Air Tools			
Breaker Hammers			
Breaker Hammer 35lb.	R	170	
Breaker Hammer 60lb.	R	200	
Breaker Hammer 90lb.	R	210	
Breaker Hammer Bits (60-90lb.)			
Points & Chisels	OTC		8
Wide Chisels	OTC		15
Asphalt Cutter	OTC		20
Rock Drills			
Rock Drill MRD9 - 17lb.	R	80	
Rock Drill 35lb. (7/8" x 3 1/4" shank)	R	220	
Rock Drill 60lb. (1" x 4 1/4" shank)	R	240	
Rock Drill Steels			
Short 7/8" x 3 1/4" (12"-18")	отс		10

12/12/2017

Long 7/8" x 3 1/4" (24"-36)	OTC		20
Short 1" x 4 1/4" (12"-18")	OTC		15
Long 1" x 4 1/4" (24"-36")	OTC		30
Air Chipping Hammer			
Chipping Hammer 18lb.	R	90	
Chipping Hammer Bits			
Points & Chisels	OTC		5
Wide Chisel	OTC		10
Bushing Tool	OTC		20
Bushing 1001	010		20
Discret Broadens		400	
Rivet Busters	R	180	
Rivet Buster Bits			
Points & Chisels	OTC		5
Miscellaneous			
Air Scraper (floor scraper)	R	50	
Air Spade	R	100	
Blow Pipe	R	10	
Impact Wrench (pneumatic)	R	40	
Oiler (in line, 3/4")	R	20	
Tanner De-Icer 3/4"	R	30	
Taimer De-ICEL 3/4	rs.	30	
Floatule Chinning & Determine			
Electric Chipping & Rotary Hammers			
Electric Rotary Hammer (Milwaukee)	R	75	
Electric Chipping/Rotary Hammer (DeWalt)		90	
Hilti Chipping/Rotary Hammer (TE55)	R	150	
Electric Chipping Hammer Bits			
Points & Chisels	OTC		5
Wide Chisels	OTC		15
Bushing Tools	OTC		20
Hilti TE70ATC Combination Hammer	R		330
Hilti Points & Chisels	OTC		10
Hilti Wide Chisels	OTC		18
Hilti SDS Max Bit	OTC		Call for pricing
Hilti Electric Breaker Hammer 60lb.	R		360
Hilti Points & Chisels	OTC		15
Hilti Wide Chisels Hilti Wide Chisels	OTC OTC		15 20
Hilti Wide Chisels Pressure Washers		550	
Hilti Wide Chisels Pressure Washers Pressure Washer w/3000-3500 psi	ОТС		
Hilti Wide Chisels Pressure Washers	OTC R	550 500	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.	OTC R		
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment	OTC R R	500	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.	OTC R		
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'	OTC R R	500	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches	OTC R R R	45	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes:	OTC R R	500	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches	OTC R R R	45	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes:	OTC R R R	45	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip,	OTC R R R	45	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench	R R R	45 150	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench	R R R	45 150	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools	R R R R R R	45 150 65	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns	R R R R R R R R R R R R R R R R R R R	500 45 150 65	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun	R R R R R R R R R R R R R R R	500 45 150 65 35 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"	R R R R R R R R R R R R R R	500 45 150 65 35 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"	R R R R R R R R R R R R R R	500 45 150 65 35 40 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"	R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries	R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 50	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 30 50 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries	R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 50	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 30 50 40	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 40 40 20	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns Autofeed Screwgun Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 30 50 40 20 35	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Sander - P/C	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 20 30 50 40 20 35	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Screwguns	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 30 50 40 20 35 30 90	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Sander - P/C  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 30 50 40 20 35 30 90	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Sander - P/C  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2"	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 30 50 40 20 35 30 90 30 85 10	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Driywall Cut-Out Tool  Drywall Sander - P/C  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2" Metabo Dustless w/shroud	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 20 35 30 90 30 85 10	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2" Metabo Dustless w/shroud  Grinder 5" Hilti w/cutting shroud	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 20 35 30 90 90 30 85 10 55	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Driywall Cut-Out Tool  Drywall Sander - P/C  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2" Metabo Dustless w/shroud	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 40 20 35 30 90 30 85 10	
Hilti Wide Chisels  Pressure Washers  Pressure Washer w/3000-3500 psi Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2" Metabo Dustless w/shroud  Grinder 5" Hilti w/cutting shroud	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 20 35 30 90 90 30 85 10 55	
Pressure Washers  Pressure Washers  Pressure Washer w/3000-3500 psi  Steam Cleaner w/2100 psi, 250 deg.  Weather Protection Equipment  Tarps 16' x 20'  Cutting Torches  Cutting Torch Set includes: cart, gauges, hose, torch, tip, striker, glasses, wrench  Cutting Torch - 4' (acetylene)  Electric Power Tools  Adjustable Clutch Screwguns  Autofeed Screwgun  Belt Sander 4" x 24"  Circular Saw 7 1/4"  Close Quarters Drill - 1/2"  Cordless Drill Kit w/2 batteries  Cordless Impact Only Kit  Detail Sander  Drill Motor 3/8" (electric)  Drywall Cut-Out Tool  Drywall Screwguns  Dustless Grinder Vac - Sawtec, 4 1/2"  Grinder 4 1/2"  Grinder 4 1/2" Metabo Dustless w/shroud  Grinder 5" Hilti w/cutting shroud  Grinder 5" Hilti w/cgrinding Shroud	R R R R R R R R R R R R R R R R R R R	500 45 150 65 35 40 40 40 20 35 30 90 30 85 10 55 85	

Original of TII Makaba Durakta a sudah sasad		7.5	
Grinder 7" Metabo Dustless w/shroud	R	75 40	
Hammer Drill 1/2" Heat Gun	R	20	
	R		
Hole Hawg Drill Hole Hawg Drill Paddle Bit	OTC	60	10
	R	50	10
Impact Wrench (electric, 1/2")	R	60	
Impact Wrench (electric, 3/4")	R	35	
Jigsaw / Bayonet Saw	R	30	
Laminate Trimmer	<del>                                     </del>		
Metal Shear	R	50	
Palm Sander 1/4" (sheet sander)	R	35	
Pneumatic Ratchet 3/8"	OTC		25
QuickDrive Screwgun	R	60	
Random Orbit Sander 5"	R	30	
Right Angle Drill	R	40	
RotoZip Tool	R	15	45
Router w/ 1 1/2 h.p.	R	35	
Router w/ 3 h.p.	R	45	
Sander/Grinder 7"-9"	R	30	
Sawzall	R	50	
Surface Planer - Hand Held, Makita	R	10	
Tap Guns (metal)	R	40	
Worm Drive Skil Saw	R	40	
Finish Trowel Machines			
Combination Blades - 36" (8" x 14")	OTC	40	
Combination Blades - 48" (8" x 18")	R	50	
Finish Blades 36"	R		
Finish Blades 48"	R		
Float Shoes New 36"	R	60	
Float Shoes New 48"	R	60	
Float Shoes Used 36"	R	20	
Float Shoes Used 48"	R	20	
Trowel Machine 36"	R	330	
	+		
Trowel Machine 48"	R	350	
Trowel Machine Float Pan - 36"	R	50	
	+		
Fans and Lights	<del>  _  </del>		
Box Fans 48" (large)	R	80	
Circular Floor Fans 36"	R	60	
Floor Carpet Fan/Dryer	R	35	
Pedestal Fans	R	60	
Double 500wt. w/tripod	R	5	30
Single 500wt. Quartz (no stand)	OTC		20
Heaters			
Propane Salamander (torpedo)			
200,000 b.t.u no fan	R	50	
Universal Propane			
100,000 - 120,000 b.t.u. w/fan	R	65	
Tank Mount Radiant Heater	OTC		30
Office Heater (750 / 1500 wt.)	OTC		25
, ,			
Standard Cycle Generators			
L.C. 4500	R	300	
H.P. 4500 - Pow'r Gard 6000	R	400	
H.P. 9500 - key start	R	500	
Full Power Cord Box	R	10	
T dil 1 OWEI COIQ DOX	IX	10	
Hi Cycle Conserters	+		
Hi-Cycle Generators		350	
Generator (runs 2 vibrators)	R	350	
Hi-Cycle Cords 50'	R	20	
<u></u>			
Electrical Cords & Boxes - 12/3 - P/S			
Cords 50'	OTC		30
Cords 100'	OTC		55
G.F.C.I. Box	OTC		30
Power Buggies			
Power Buggy 16 cu. ft.	R	600	
	+		
Power Buggy 16 cu. ft. (with scrubber)	R	680	

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Nailing Equipment			
Bostitch Crown Stapler	R	20	
Extra Air Holding Tank (120 gal)	R	20	
Gas Operated Comp. (2-3 guns)	R	100	
LS1 Pinner (18ga 1/2, 3/4, 1")	R	30	
M II Stapler	R	50	
Micro Pinner FP10 (23 ga., 1/2" - 1" pins)	R	25	
Micro Pinner FP11 (23 ga., 1" - 2" pins)	R	25	-
Nail Gun Air Hose "T" (3/8")	OTC		5
Nail Gun Air Hoses 3/8" x 50'	R	5	
Nail Gun Compressor	R R	75 60	
Paslode Finish Nailgun (18ga., air)	R	25	
Senco Micro Pinner	R	40	
SFN 40 Nailgun (same as SFNI & IIB)	R	40	
SFN, I, II-B Finish Nailgun	R		
SKS Finish Staple Gun	R	50	
SLP-20 Brad Nailgun		35	
SN IV Spiker	R	60	
SNII Nailgun or 325	R	60	
Sharing Saaffalding & Assassarias			
Shoring, Scaffolding & Accessories			
Man Scaffold  Aluminum Stages Dies (per feet)			
Aluminum Stages, Pics (per foot)	R	2	
Baseplates	R	1	
Casters	R	5	
Guard Raile Fi	R	2	
Guard Rails 5'	R	1	
Guard Rails 7'	R	1	
Outriggers	R	3	
Plank 16' (OSHA)	R	5	
Plank 8' (OSHA)	R	3	
Scaffold Frames 5' step type	R	4	
Scaffold Frames 6'-6" walk thru	R	4	
Scaffold Pins (2" L-Pins)	R	0.50	
Screwjacks	R	2	
Side Arm Brackets	R	2	
Stair Sections w/rails	R	25	
Wood/Aluminum Pics 7'	R	10	
X-Braces	R	1	
Baker Scaffolding: set includes: 2 frames w		50	
Baker Guard Rail (hinged set)	R	12	
Guard Rail Stanchions (slab mount)	R	4	
Stair Tower		40	
Steps w/ in & outside rails	R	40	
Platform	R	40	
Hi-Load Scaffolding			
Beam Clamps	ОТС	0.75	1.50
Bottom Plates (base plates)	R	1	
Braces, 2 hole, X-Type	R	1	
C-Clamps 6"-8"	R	1	
Connectors	R	0.50	
I-Beams (jr. beams 6' - 12')	R	3	
J-Heads (top plates)	R	1	
Scaffold Frames 3' & 4' x 4'	R	6	
Scaffold Frames 5' & 6' x 4'	R	7	
Scaffold Pins (and t-lock)	R	0.50	
Screwjacks	R	2	
Post Shores			
Long 8'-13' , Short 6'-11' staff w/base	R	6	
Trash Chutes		1	
Steel Lined Hopper	R	40	
Center Chute (unlined)	R	30	
Center Chute (lined)	R	35	
Bottom Chute (steel lined)	R	35	
Outriggers Set (slab or parapet mt.)	R	20	
Ladders		1	
Extension Ladder 16'	R	35	

Extension Ladder 24' R		т	Τ	
Extension Ladder 36" R				
Extension Ladder 40'	Extension Ladder 32'	R	50	
Eberglass Stepladder 4'	Extension Ladder 36'	R	55	
Fiberglass Stepladder 6'	Extension Ladder 40'	R	60	
Fiberglass Stepladder 10'	Fiberglass Stepladder 4'	R	15	
Elberglass Stepladder 10'	Fiberglass Stepladder 6'	R	18	
Ebergiass Stepladder 12"   R   30   Ladder Extension Safety System   R   30   R	Fiberglass Stepladder 8'	R	20	
Ladder Extension Safety System	Fiberglass Stepladder 10'	R	25	
Portable Radios	Fiberglass Stepladder 12'	R	30	
Radio	Ladder Extension Safety System	R	30	
Radio				
Charger (single)	Portable Radios			
Charger (single)	•	R	50	
Multi Charger			5	
Organizers (TK360 & HT750)   R			<u> </u>	
Microphones			+	
Gas Water Pumps   Gas Water Pump 1 11/2" to 2"   R   250				
Gas Water Pump 1 1/2" to 2"	Wildropriories	10	,	
Gas Water Pump 1 1/2" to 2"	Gae Water Bumps			
Gas Water Pump 3"		В	250	
Carden Hose Pump (zero clearance)	· · · · · · · · · · · · · · · · · · ·			
Garden Hose Pump (zero clearance)   R   25	Gas Water Pump 3"	R	350	
Garden Hose Pump (zero clearance)   R   25	<u></u>			
Handy Pump 2" (submersible)   R   50     Plug in Float Switch   R   20     Submersible 2" wibuilt in float   R   70     Hoses				
Plug in Float Switch				
Submersible 2" w/built in float   R				
Hoses   Garden Hose 5/8" x 50"   OTC   15		R	20	
Garden Hose 5/8" x 50"	Submersible 2" w/built in float	R	70	
Discharge Hose 2" x 50"	Hoses			
Discharge Hose 3" x 50'	Garden Hose 5/8" x 50'	отс		15
Strainers 2" - 3"   R	Discharge Hose 2" x 50'	R	20	
Suction Hose   2" x 10"   R   15	Discharge Hose 3" x 50'	R	30	
Suction Hose 3" x 10"   R		R	4	
Suction Hose 3" x 10"   R		R	15	
Concrete Floor Saws   Electric Floor Saw Cable 10-3x50'   R   30		R	+	
Electric Floor Saw Cable 10-3x50' R 30				
Electric Floor Saw Cable 10-3x50' R 30	Concrete Floor Saws			
Electric Walk Behind 14" (norton clipper)   R   350	•	R	30	
Gas Walk Behind 14"   R   300				
Gas Walk Behind 16"   R   400				
R				
Gas Demo & Chain Saws   Electric Demo Saw 14" (Husquvarna)   R   350     Gas Demo Saw 14"   R   300     Chain Saws 16"-18"   R   130     Air Demo Saw -14" (sawtec)   R   300     Concrete Chain Saw (ics)   R   200     Surveying Equipment			+	
Electric Demo Saw 14" (Husquvarna)   R   350     Gas Demo Saw 14"   R   300     Chain Saws 16" - 18"   R   300     Air Demo Saw - 14" (sawtec)   R   300     Concrete Chain Saw (ics)   R   200     Surveying Equipment   Additional Target/Receiver   R   50     Auto Levels (Topcon Wild)   R   50     Column Clamps - beam/post mount   R   10     Hilti Laser Range Finder PD4   R   40     Laser Level w/ target/receiver   R   35     Philadelphia Rods (extra)   R   10     Pipe Laser w/receiver   R   35     Philadelphia Rods (extra)   R   10     Pipe Laser w/receiver   R   80     Total Station - Trimmel   R   6000     Total Station Tribrack - #NH0183   R   0     Transits   R   325     Tripods (extra)   R   15     Security System   R   700     Motion Detector   R   150     Warning Signs   OTC   4     Trailers   Guard Shack 8' x 8'   R   125	Microcon Mini Soit Cut 8	K	225	
Electric Demo Saw 14" (Husquvarna)   R   350     Gas Demo Saw 14"   R   300     Chain Saws 16" - 18"   R   300     Air Demo Saw - 14" (sawtec)   R   300     Concrete Chain Saw (ics)   R   200     Surveying Equipment   Additional Target/Receiver   R   50     Auto Levels (Topcon Wild)   R   50     Column Clamps - beam/post mount   R   10     Hilti Laser Range Finder PD4   R   40     Laser Level w/ target/receiver   R   35     Philadelphia Rods (extra)   R   10     Pipe Laser w/receiver   R   35     Philadelphia Rods (extra)   R   10     Pipe Laser w/receiver   R   80     Total Station - Trimmel   R   6000     Total Station Tribrack - #NH0183   R   0     Transits   R   325     Tripods (extra)   R   15     Security System   R   700     Motion Detector   R   150     Warning Signs   OTC   4     Trailers   Guard Shack 8' x 8'   R   125	0 -			
Gas Demo Saw 14"         R         300           Chain Saws 16" - 18"         R         130           Air Demo Saw - 14" (sawtec)         R         300           Concrete Chain Saw (ics)         R         200           Surveying Equipment           Additional Target/Receiver         R         50           Auto Levels (Topcon Wild)         R         50           Counn Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level w/ target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         R         700           Motion Detector         R         150           Warning Signs         OTC         4 <td></td> <td></td> <td>250</td> <td></td>			250	
Chain Saws 16" - 18"         R         130           Air Demo Saw - 14" (sawtec)         R         300           Concrete Chain Saw (ics)         R         200           Surveying Equipment         R         200           Additional Target/Receiver         R         50           Auto Levels (Topon Wild)         R         50           Colum Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level w/ target/receiver         R         400           Laser Level w/ target/receiver         R         400           Laser Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         R         700           Motion Detector         R         150           Warning Signs <th< td=""><td></td><td></td><td></td><td></td></th<>				
Air Demo Saw - 14" (sawtec)         R         300           Concrete Chain Saw (ics)         R         200           Surveying Equipment         8         200           Auto Levels (Topcon Wild)         R         50           Auto Levels (Topcon Wild)         R         50           Column Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level w/ target/receiver         R         400           Laser Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         T           Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         R         125			+	
Concrete Chain Saw (ics)   R   200			+	
Surveying Equipment	Air Demo Saw - 14" (sawtec)	R	300	
Additional Target/Receiver         R         50           Auto Levels (Topcon Wild)         R         50           Column Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level W target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         R         700           Motion Detector         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Concrete Chain Saw (ics)	R	200	
Additional Target/Receiver         R         50           Auto Levels (Topcon Wild)         R         50           Column Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level W target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         R         700           Motion Detector         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Auto Levels (Topcon Wild)         R         50           Column Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level W target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         T         15           Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         R         125	Surveying Equipment			
Column Clamps - beam/post mount         R         10           Hilti Laser Range Finder PD4         R         40           Laser Level (w/ target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         T         15           Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Additional Target/Receiver	R	50	
Hilti Laser Range Finder PD4	Auto Levels (Topcon Wild)	R	50	
Laser Level w/ target/receiver         R         400           Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Column Clamps - beam/post mount	R	10	
Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Hilti Laser Range Finder PD4	R	40	
Laser Line Level (Bosch, DeWalt)         R         35           Philadelphia Rods (extra)         R         10           Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Laser Level w/ target/receiver	R	400	
Philadelphia Rods (extra)   R		R		
Pipe Laser w/receiver         R         575           Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Rotary Level (cabinets)         R         80           Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125			+	
Total Station - Trimmel         R         6000           Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125			+	
Total Station Tribrack - #NH0183         R         0           Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Transits         R         325           Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Tripods (extra)         R         15           Security System         Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Security System         R         700           Tattletale Alarm System         R         150           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				
Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Tripous (exila)	<u> </u>	15	
Tattletale Alarm System         R         700           Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125	Security Syrate			
Motion Detector         R         150           Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125				<u></u>
Warning Signs         OTC         4           Trailers         Guard Shack 8' x 8'         R         125			1	
Trailers         R         125           Guard Shack 8' x 8'         R         125				
Guard Shack 8' x 8' R 125	Warning Signs	отс		4
Guard Shack 8' x 8' R 125				
Laborer's Trailer 8' x 36' (w/storage) R 100	Guard Shack 8' x 8'	R	125	
	Laborer's Trailer 8' x 36' (w/storage)	R	100	

	T		
Office Trailer 10' x 50'	R	240	
Office Trailer 12' x 50'	R	270	
Office Trailer 12' x 60'	R	310	
Office Trailer Steps	R	30	200
Steel Storage Container 8' x 20'	R	100	
Trailer Auger Tie Downs w/bolts	OTC		5
Trailer Jackstands	OTC		5
Vacuum Cleaners			
Single Upright Vacuum	R	40	140
Dustless Hepa Shop Vac - Metabo, Fein	R	100	
Wet/Dry Shop Vac w/accessories - Ridgid	R	30	100
Standard Cycle Vibrators			
Backpack Vibrator	R	100	
Vibrator 3 h.p., 2" head, 110vt.	R	220	
	R	190	
Vibrator 2 h.p., 1 3/8" head, flex shaft			
Pencil Head Vibrator 1 h.p.	R	170	
III Occale Wilesesters			
Hi-Cycle Vibrators		0.40	
Hi-Cycle Vibrator	R	240	
Hi-Cycle Vibrator w/no spring - 1 7/8" head		200	
Hi-Cycle Cord 50'	R	20	
Welders			
Gas Welder w/leads	R	400	
Additional Cable (25')	R	15	
Welding Hood	R	10	
Welding Hood - speedglas, automatic	R	40	
Mig Welder - Millermatic 130XP	R	100	
Diamond Blades			
Diamond Blade - 8" (SD5+, barracuda)	R	20	
Diamond Blade - 12" & 14"	R	35	
Confined Space Ventilator			
Blower Motor	R	75	
Additional Hose - 35'	R	30	
Additional Flood Co		00	
Carts			
	В	0	
Drum Stand	R	8	
Drywall Cart	R	50	
Flat Cart w/handle	R	40	
Furniture Mover	R	10	
Pallet Jack	R	80	
Rubbermaid Dumpster 1 1/2 yard	R	80	
Rubbermaid Dumpster 1 yard	R	60	
Rubbermaid Dumpster 1/2 yard	R	50	
Steel Tilt Dumpster 2 yard	R	100	
Two Wheel Dolly	R	15	
Two Wheel Dolly - convertible	R	30	
Wheelbarrow	R	25	
Wheelbarrow Sling	R	45	
Mortar Mixers			
Electric Mortar Mixer	R	300	
Mortar Mixer (8 cu/ft. for stone)	R	300	
Cable	R	20	
Office Furniture			
Blueprint Rack w/sticks (mobile)	отс		200
Blueprint Rack w/sticks (wall mt.)	OTC		150
Blueprint Rack Sticks (included with rack)	OTC		nc
Blueprint Rack Sticks (in addition to 12)	ОТС		30
Bookshelf (4')			
Chairs (metal folding)	OTC		40
	OTC		10
Chairs (stackable w/arms)	OTC		20
Desk Top 3' x 5' w/file cabinets	OTC		225
Desk Chair (on casters)	OTC		125
File Cabinet (2 drawer)	отс		90
File Cabinet (4 drawer)	OTC		120
Folding Table (6')	OTC		25

Falding Table (01)			
Folding Table (8')	OTC		40
Moisture Meter			
Delmhorst BD2100	R	65	
Digital Gram Scale			
Ohaus CL5000	R	25	
Safety Equipment			
Beam Straps	R	5	
<del></del>			
Full Body Harness	R	20	
Positioning Hook w/chain assembly	R	8	
Retractable Lifelines 11' (miller-minilite)	R	25	
Retractable Lifelines 20' & 30'	R	60	
Retractable Lifelines 50'	R	75	
Roof Anchors	OTC		20
Rope Grabs	OTC		15
Shock Absorb Lanyards 6'	R	10	
,			
Plate/Jumping Jack Tampers			
Jumping Jack Tamper	R	275	
Plate Tamper	R	250	
		1	
Traffic Barrels & Barricades			
A-Frame Barricades w/8' cross bar	R	10	
Traffic Barrels w/bases	R	5	
Concrete Road Barricades 8' - 10'	R	10	
Cones	R	5	
Gang Boxes			
Large Cabinet Style Boxes (upright)	R	80	
Medium Gang Boxes	R	45	
Small Gang Boxes	R	35	
Front Opening - for trailers	R	30	
Electrical Office Equipment			
Fax Machine	OTC		140
Telephones (2 lines)	OTC		50
Cleaning Equipment & Supplies			
Mop Bucket & Wringer Set	OTC		30
Floor Squeegees 24"	OTC		15
liber equeegees 24	010		10
Fuel Care			
Fuel Cans	0.70		40
Fuel Cans (5 gallon)	OTC		10
Fuel Cans (1-2 gallon)	OTC		5
Glass Suction Cups			
Glass Suction Cups (Phipps)	R	80	
Fire Hose & Hydrant Accessories			
Fire Hose - 1 1/2" x 50'	R	25	75
Hydrant Adapter	OTC	1	10
	OTC		15
Hydrant Wrench	010	+	15
Haisting Fautinment		1	
Hoisting Equipment		1	
Cable Come Along (2 ton, 20')		20	
Well Wheels	OTC	1	10
Chain Hoist (2 - 3 ton)	R	15	
Chain Hoist - 2 ton (electric)	R	200	
Cable Clamps (wire rope 3/8"-1/2"-5/8"-3/4	OTC		1.5
Concrete Forms & Accessories			
Nail Stakes 18" - 24"	OTC		1.50
Nail Stakes 30" - 36"	OTC		2
Nail Stakes 42" - 48"			
	OTC	+	2.50
Nail Stake Puller	OTC	1	25
Pipe Wrench 24"	OTC	1	10
Pipe Wrench 36"	OTC		15
Pipe Wrench 48"	OTC		20
Curb Forms			

Curl Form Spreader			T	
Saws - Mitre, Table, & Radial Arm   Compound Mitre Box Saw 12"   R   50	All 10' straight or flex. 15"-18"	R	15	
Saws - Mitre, Table, & Radial Arm   Compound Mitre Box Saw 12"   R   50   Cut-Off Saw 14" (chop saw)   R   35   Festool Plunge Panel Saw (wilong & short   R   100   Mitre Box Saw 10"   R   30   Porta-Band Saw   R   40   Portable Table Saw (Ridgid)   R   90   Portable Table Saw (Ridgid)   R   90   Portable Table Saw (Ridgid)   R   90   Portable Table Saw (table top)   R   15   Radial Arm Saw 10"   R   110   Radial Arm Saw 10"   R   200   Silide Compound Mitre Box 6"-10"   R   200   Silide Compound Mitre Box 6"-10"   R   200   Silide Compound Mitre Box 6"-10"   R   50   Table Saw 10"   R   100   Fire Extinguishers   OTC   Extra FE Brackets   OTC				
Compound Mitre Box Saw 12"   R   50	Connector Pins (radius forms)	R	1	
Compound Mitre Box Saw 12"   R   50   Cut-Off Saw 14" (chop saw)   R   35   Festool Plunge Panel Saw (winding & short)   R   30   Portable Table Saw (Ridgid)   R   90   Portable Saw (Ridgid)   Portable Saw (Ridgid)   Portable Saw (Ridgid)   R   90   Portable Saw (Ridgid)   Portable Saw (Ridg				
Cut-Off Saw 14" (chop saw)	Saws - Mitre, Table, & Radial Arm			
Festool Plunge Panel Saw (wlong & short   R   100	Compound Mitre Box Saw 12"	R	50	
Mitre Box Saw 10"	Cut-Off Saw 14" (chop saw)	R	35	
Portable Table Saw (Ridgid)   R   90	Festool Plunge Panel Saw (w/long & short of	R	100	
Portable Table Saw (Ridgid)   R   90     Portable Table Saw (table top)   R   15     Radial Arm Saw 10"   R   110     Radial Arm Saw 16"   R   200     Sitiec Compound Mitre Box 6"-10"   R   50     Table Saw 10"   R   100     Fire Extinguishers	Mitre Box Saw 10"	R	30	
Dortable Table Saw (table top)   R   15   Radial Arm Saw 10"   R   110   Radial Arm Saw 16"   R   200   Slide Compound Mitre Box 8"-10"   R   50   Table Saw 10"   R   100	Porta-Band Saw	R	40	
Radial Arm Saw 10"   R   200	Portable Table Saw (Ridgid)	R	90	
Radial Arm Saw 16"	Portable Table Saw (table top)	R	15	
Side Compound Mitre Box 8"-10"   R   50   Table Saw 10"   R   100   Fire Extinguishers   All Sizes   OTC   Extra FE Brackets   OTC   Spray Cans   Chapin Spray Can (3/5 gal. #1949)   R   20   Trombore Sprayer   R   15   Chapin Spray Can (3/5 gal. #1949)   R   20   Trombore Sprayer   R   15   Chapin Spray Can (3/5 gal. #1949)   R   20   Trombore Sprayer   R   15   Chapin Spray Can (3/5 gal. #1949)   R   20   Trombore Sprayer   R   15   Chapin Spray Can (3/5 gal. #1949)   R   20   Trombore Sprayer   R   10   Chapin Spray Can (3/5 gal. #1949)   R   80   Chapin Spray Can (3/5 gal. #1949)   R   80   Chapin Spray Can (3/5 gal. #1949)   R   80   Chapin Spray Can (4/5 gal. #1949)   Chapin Spray	Radial Arm Saw 10"	R	110	
Table Saw 10"   R   100	Radial Arm Saw 16"	R	200	
Fire Extinguishers	Slide Compound Mitre Box 8"-10"	R	50	
All Sizes	Table Saw 10"	R	100	
All Sizes				
All Sizes	Fire Extinguishers			
Extra FE Brackets		OTC		40
Spray Cans				3
Chapin Spray Can (3/5 gal. #1949)   R   20				-
Chapin Spray Can (3/5 gal. #1949)   R   20	Spray Cans			
Trombone Sprayer		R	20	
Powder Actuated Tools				
Autofeed Hilti DX460MX R 108 Heavy Duty (Hilti or HD Ramset) R 80 Ramset Trakfast Gun - TF1100, TF1200 R 80 Standard (Ramset AS270) R 60  Carpentry Tools Aluminum Straight Edge R 10 Door Buck-Ups R 5 Hinge Butt Template Kit R 30 Plate Joiner R 35 Porta-Plane R 35  Leaf Blowers Back Pack Leaf Blower R 70  Snow Blower R 130  Concrete Tools / Wood Forming Acc. Bolf Cutters 18" - 24" R 5 Bolf Cutters 18" - 24" R 5 Bull Float Hustler Head R 0 Bull Float Hustler Head R 0 Bull Floats (all sizes) R 10 Cat Head Puller (spring type) OTC Cat Head Puller (spring type) OTC Cat Head Sulf (Spc. and Spc. a		11	13	
Autofeed Hilti DX460MX R 108 Heavy Duty (Hilti or HD Ramset) R 80 Ramset Trakfast Gun - TF1100, TF1200 R 80 Standard (Ramset AS270) R 60  Carpentry Tools Aluminum Straight Edge R 10 Door Buck-Ups R 5 Hinge Butt Template Kit R 30 Plate Joiner R 35 Porta-Plane R 35  Leaf Blowers Back Pack Leaf Blower R 70  Snow Blower R 130  Concrete Tools / Wood Forming Acc. Bolf Cutters 18" - 24" R 5 Bolf Cutters 18" - 24" R 5 Bull Float Hustler Head R 0 Bull Float Hustler Head R 0 Bull Floats (all sizes) R 10 Cat Head Puller (spring type) OTC Cat Head Puller (spring type) OTC Cat Head Sulf (Spc. and Spc. a	Powder Actuated Tools			
Heavy Duty (Hilti or HD Ramset)   R		P	100	
Ramset Trakfast Gun - TF1100, TF1200   R   80				
Standard (Ramset AS270)   R   60				
Carpentry Tools				
Aluminum Straight Edge	Standard (Ramset AS270)	ĸ	60	
Aluminum Straight Edge				
Door Buck-Ups				
Hinge Butt Template Kit				
Plate Joiner				
Porta-Plane				
Leaf Blowers   R				
Back Pack Leaf Blower	Porta-Plane	R	35	
Back Pack Leaf Blower				
Snow Blower				
Snow Blower	Back Pack Leaf Blower	R	70	
Snow Blower				
Concrete Tools / Wood Forming Acc.	Snow Blower			
Bolt Cutters 18" - 24"   R   5	Snow Blower	R	130	
Bolt Cutters 18" - 24"   R   5				
Bolt Cutters 36"   R   10     Bolt Cutters 48"   R   15     Bull Float Handles 6'   R   5     Bull Float Hustler Head   R   0     Bull Floats (all sizes)   R   10     Cat Head Puller (set screw)   OTC     Cat Head Puller (spring type)   OTC     Cat Head Puller (spring type)   OTC     Cat Heads   OTC   1.     Coil Rod Extenders   OTC     Column Clamp Set (2pc, any size)   R   10     Concrete Come-Along   OTC     Concrete Finish Broom - 36", fine   R   15     Ellis Shore Brackets   OTC   O.     Ellis Shore Jack   OTC     Fresno Floats (all sizes)   R   10     Hairpins (5 gal bucket = 110)   OTC   O.     Jahn Clamps   OTC   O.     Jahn Scaffold Brackets   R   4     Plate Washers   OTC   O.     Turnbuckles   OTC   O.     Concrete Chutes   All Aluminum 10' - 16'   R   40	Concrete Tools / Wood Forming Acc.			
Bolt Cutters 48"   R   15     Bull Float Handles 6'   R   S     Bull Float Hustler Head   R   0     Bull Floats (all sizes)   R   10     Cat Head Puller (set screw)   OTC     Cat Head Puller (spring type)   OTC     Cat Heads   OTC   1.     Coil Rod Extenders   OTC     Column Clamp Set (2pc, any size)   R   10     Concrete Come-Along   OTC     Concrete Finish Broom - 36", fine   R   15     Ellis Shore Brackets   OTC   0.     Ellis Shore Jack   OTC     Fresno Floats (all sizes)   R   10     Hairpins (5 gal bucket = 110)   OTC   0.     Jahn Clamps   OTC   0.     Jahn Scaffold Brackets   R   4     Plate Washers   OTC   0.     Rebar Caps (flat plate type)   OTC   0.     Turnbuckles   OTC   0.     Concrete Chutes   All Aluminum 10' - 16'   R   40	Bolt Cutters 18" - 24"	R	5	
Bull Float Handles 6'         R         5           Bull Floats (all sizes)         R         0           Bull Floats (all sizes)         R         10           Cat Head Puller (set screw)         OTC	Bolt Cutters 36"	R	10	
Bull Float Hustler Head         R         0           Bull Floats (all sizes)         R         10           Cat Head Puller (set screw)         OTC           Cat Heads         OTC         1.           Coil Rod Extenders         OTC         1.           Coil Rod Extenders         OTC         1.           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC         15           Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         0.           Eresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40	Bolt Cutters 48"	R	15	
Bull Floats (all sizes)   R   10	Bull Float Handles 6'	R	5	
Cat Head Puller (set screw)         OTC           Cat Heads Puller (spring type)         OTC           Cat Heads         OTC           Coil Rod Extenders         OTC           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC         Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.         0.           Ellis Shore Jack         OTC         Teresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.         0.           Jahn Scaffold Brackets         R         4         4           Plate Washers         OTC         0.         0.           Rebar Caps (flat plate type)         OTC         0.         0.           Tie Extenders (long & Short)         OTC         0.         0.           Turnbuckles         OTC         0.         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40	Bull Float Hustler Head	R	0	
Cat Head Puller (spring type)         OTC           Cat Heads         OTC         1.           Coil Rod Extenders         OTC         1.           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC         15           Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         0.           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40	Bull Floats (all sizes)	R	10	
Cat Heads         OTC         1.           Coil Rod Extenders         OTC         1.           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC            Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC            Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40	Cat Head Puller (set screw)	отс		25
Cat Heads         OTC         1.           Coil Rod Extenders         OTC         1.           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC            Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC            Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40	Cat Head Puller (spring type)	ОТС		50
Coil Rod Extenders         OTC           Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC         0.           Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         0.           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40				1.50
Column Clamp Set (2pc, any size)         R         10           Concrete Come-Along         OTC         0.           Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         10           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40				1
Concrete Come-Along         OTC           Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         10           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40			10	
Concrete Finish Broom - 36", fine         R         15           Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         0.           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40				16
Ellis Shore Brackets         OTC         0.           Ellis Shore Jack         OTC         0.           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40			15	
Ellis Shore Jack         OTC           Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40			10	0.80
Fresno Floats (all sizes)         R         10           Hairpins (5 gal bucket = 110)         OTC         0.           Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40				20
Hairpins (5 gal bucket = 110)			10	20
Jahn Clamps         OTC         0.           Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40			10	0.80
Jahn Scaffold Brackets         R         4           Plate Washers         OTC         0.           Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC         0.           Concrete Chutes         All Aluminum 10' - 16'         R         40				0.40
Plate Washers			4	0.40
Rebar Caps (flat plate type)         OTC         0.           Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC           Concrete Chutes         All Aluminum 10' - 16'         R         40			4	0.00
Tie Extenders (long & Short)         OTC         0.           Turnbuckles         OTC           Concrete Chutes         All Aluminum 10' - 16'         R         40				0.30
Turnbuckles OTC    Concrete Chutes				0.70
Concrete Chutes  All Aluminum 10' - 16' R 40				0.25
All Aluminum 10' - 16' R 40	I UITIDUCKIES	OIC		3
All Aluminum 10' - 16' R 40	On a series Obert			
		_		
Concrete Hopper 6" (orange) R 50				
11 (	Concrete Hopper 6" (orange)	R	50	

Concrete Hopper 8" (orange)	R	45	
Concrete Hopper Collar 6" w/chain	R	10	
Concrete Hopper Collar 8" w/chain	R	8	
Concrete Buckets			
Up to 1 Yard	R	125	
1 Yard to 1 1/2 Yards	R	175	
Over 1 1/2 Yards	R	250	
Straight Edges			
Straight Edge 8', 10', 12'	R	20	
Straight Edge 14' - 16'	R	25	
Straight Edge Bump Cutter	R	50	
Yard Trucking & Labor			
Trucking (Pick-Up Truck per/hr inc driver)	R	65	
Trucking (Flatbed Truck per/hr inc driver)	R	75	
Mechanic's Labor (price per hour)	R	80	
, ,			
One Time Charge Items ONLY			
Digging Tools			
Digger Tamper Bars	OTC		30
Drain Spade	отс		30
Mortar Hoe	отс		20
Pick/Mattock	OTC		20
Pinch Bar 1 1/4" x 60"	ОТС		20
Post Hole Digger	OTC		40
Railroad Pick	OTC		15
Scoop Shovels	OTC		20
Shovels (long handle, coal)	OTC		25
Shovels (round point)	OTC		10
Shovels (square point)	OTC		10
energie (equalo penn)	0.0		
Rakes and Scrapers			
Landscape Rake (aluminum)	отс		27
Road & Stone Rake	OTC		30
Sidewalk Scraper	OTC		20
Sidemanic Gorapoi	0.0		20
Sledge Hammers			
Sledge Hammers (8lb., 10lb., 12lb.)	отс		6
(2.2.3, 12.2.3, 12.2.3)	0.10		
Wrecking Bars			
Higley Bars 36" x 1"	ОТС		40
Small Ripping Bars	отс		10
Miscellaneous			
Caulk Guns (large)	отс		5
Caulk Guns (small)	ОТС		10
Epoxy Gun (2 part, Rawl)	OTC		8
Fence Post Driver	OTC		10
Fence Posts (all sizes)	OTC		1
Propane Pigtails & "T's"	OTC		5
Saw Horses	OTC		35
Squeegees 24"	OTC		15

The Cleveland Public Library

# **Exhibit 6- Assumptions and Clarifications**

# Description

The GMP includes the following:

All work shall be done during normal working hours (1st Shift).

#### Interior Demolition

 Demolish all flooring, walls and ceilings per demolition drawings. This includes providing the required dumpsters.

Date: 12/12/17

The work includes the demolition of the existing front desk

## Excavation

- Perform complete excavation for site.
- Includes excavating and waterproofing SE corner of building

#### Concrete

- Furnish and install a complete concrete scope of work.
- Shall undercut footers 6' below for building
- Shall fill addition's empty area under slab with stone.
- · The walk that runs parallel to ramp is excluded
- The exterior steps at ramp are excluded

#### Masonry

- Furnish and install all new masonry that includes masonry units, cast stone, dimensional stone.
- Perform cleaning of exterior wall at project completion.
- Repair damaged clay tile block in basement
- Includes 60% tuckpointing of building exterior masonry
- Includes alternate approved mortar.

#### Steel

- Furnish and install complete steel package per drawings and specifications
- Furnish and install rear entry sign
- Furnish and install steel for teen glazing system

# Carpentry

· Furnish and install wood blocking and plywood backing as required.



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- Install of millwork, shelves, solid surface and laminate tops.
- Furnish and install of all H.M. frames, wood doors, and hardware as required
- Install refurnished skylight panels
- Furnish and install bath accessories and toilet partitions as described on the contract documents

Date: 12/12/17

- Furnish and install extendable ladder safety posts
- Furnish and install employee lockers
- Coordinate all keying
- Furnish and install all fire extinguishers and cabinets
- Install owner provided book drop

#### Metal Studs, Drywall and Ceilings

- New walls consisting of metals studs, drywall, and finishing of all drywall walls
- New exterior walls including metal studs, rigid insulation, furring, and fluid applied vapor barrier
- Furnish and install exterior metal panels.
- Furnish and install cement board at tile walls
- Opening and closing existing wood floor for MEP access
- Sleepers and 2x4 and subfloor at multipurpose room

#### Millwork

- Furnish all millwork, countertops, supports as described in contract documents.
- Replace entire computer desk with only "dog legs" with the center removed
- Revised Corian specification from group D color to group A color for service desk and computer desk

#### Roofing

- Furnish and install a complete roofing system
- Furnish and install walkway pads at rooftop unit
- Shall reinforce coping at ladder areas
- The ½" coverboard is excluded

#### Glass & Glazing

- · Replacing skylight glazing
- \$8,000 allowance in contract for window film
- Interior storefront system at teen area.
- All mirrors
- Replacing broken glass at existing exterior windows
- Recording studio glass system
- Specified door hardware



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#### Tile

Furnish and install ceramic tile as outlined on the finish plan Including all transitions.

Date: 12/12/17

- Furnish and install all wall tile as outlined on the contract documents
- CT-2 material shall be Anatolia Encore in lieu of specified CT-2

#### Carpet

- Furnish and install carpet specification per the finish plans.
- Forbo MCT tile shall be provided in lieu of sheet linoleum for the 2<sup>nd</sup> floor.
- Field carpet shall be installed in lieu of accent carpet.

### Paint & Wallcovering

- Paint walls and ceilings per the finish schedule
- Sand and refinish all frames and doors that are to remain

#### Window Treatments

· Window treatments are not included

#### Fire Suppression

- Provide a fully functional fire suppression system as required.
- All permits and engineered drawings

#### **Plumbing**

- Furnish and install a complete plumbing system as required
- Furnish and install fixtures at Restrooms
- Furnish and install PVC piping for sanitary and storm below grade
- Storm and water lines will be located in addition instead of in crawl space
- Bathroom fixtures shall be manual flush

#### Mechanical

- Furnish, install, & relocate HVAC ductwork as required
- Refrigeration lines will be run in new addition as much as possible
- · Revised flues from stainless steel to PVC
- · Pipe insulation will not have pvc jacket

#### Electrical

- Furnish and install a complete electrical system for this space (this includes power, tele/data rough in, lighting, lighting control systems, fire alarm, exit signs etc. as shown on contract documents
- Feeders shall be aluminum instead of copper
- Furnish and install hand dryers
- Furnish and install empty conduit from machine room to rooftop for future control wirin



Date: 12/12/17

The GMP is based on a target completion date of September 27th.

## **Exclusions / Clarifications**

This GMP does not include for the following, unless specifically noted herein:

- A/V, IT, and security work with the exception of rough in.
- All involvement with asbestos, lead paint, or any other hazardous material not specifically detailed in the contract documents.
- Work associated with MEP obstructions to specified ceiling heights
  - AMH is carrying the construction of soffits and ceilings as specified
- Removal or demolition of any loose furniture or wall mounted items.
- Emergency response communication system
- Exterior walkway next to ramp
- The exterior steps
- All window treatments
- Copper feeders. Feeders are now aluminum
- All underground storm and sanitary will be PVC
- Sheet linoleum on 2<sup>nd</sup> floors. Forbo MCT shall replace it.
- Accent carpet tile. Field carpet to replace them.
- Roof ½" coverboard
- All refrigeration and plumbing lines will be run in addition (as best as possible)
- All flues to be PVC and not stainless steel
- Pipe insulation PVCjacket
- Specified mortar spec. Alternate mortar has been accepted
- Specified CT-2 tile. The alternate Anatolia Encore has been approved
- Specified Corian group D color to group A color.
- Desk shall be removed and a new desk shall be fabricated. The new desk will only include the "dog leg" sections. Center section is excluded.
- Any owner furnished items such as computers, phone, etc



# The Cleveland Public Library

South Branch

Cleveland, Ohio

## Exhibit 8- Deduct Alternate Not Included in GMP

ITEM	TRADE SUMMARY		Approximate Values
1	Remove both quiet rooms	\$	(30,000)
2	Remove quiet room 108A	\$	(10,500)
3	Different glazing hardware (TBD)	\$	(10,000)
4	Alternate light fixtures	\$	(14,473)
	Total VE Potential	<u>\$</u>	(64,973)
	SDI	\$	(780)
	AMH CM Bond	\$	(637)
	Taxes & Insurance	\$	(780)
	Subtotal	<u>\$</u>	<u>(67,169)</u>
	Construction Manager's Fee - 3%	\$	(2,077.40)
	TOTAL ESTIMATED VE SAVINGS	\$	(69,247)