

NORTH CAROLINA  
WAKE COUNTY

CONTRACT AMENDMENT #2

THIS CONTRACT AMENDMENT, dated January \_\_\_\_, 2021, is entered into by and between the Town of Apex, a North Carolina municipal corporation, (hereinafter referred to as the "Town") and J.M. Thompson Company (hereinafter referred to as the "Construction Manager at Risk" or "CMAR"). Town and CMAR may be collectively referred to as "Parties" hereinafter.

WHEREAS, the Town and the CMAR entered into a Construction Manager at Risk Pre-Construction and Construction Services Contract on or about December 18, 2019 (hereinafter the "Contract") for the CMAR to provide construction management services for the construction of the Town of Apex Pleasant Park (hereinafter "Project") to be located at Old US 1 Hwy, Apex, NC 27502; and

WHEREAS, on or about February 18, 2020, the Parties entered into an amendment to the Contract to establish the first Guaranteed Maximum Price (hereinafter "GMP-1") as provided for in the Contract; and

WHEREAS, the Parties desire to amend the Contract to establish the second Guaranteed Maximum Price (hereinafter "GMP-2") as provided for in the Contract and to reduce the terms of this amendment to writing; and

NOW THEREFORE, for and in consideration of the mutual promises and covenants as hereinafter set forth, the Parties hereto do mutually agree to amend the Contract as follows:

1. The Contract is hereby amended to establish GMP-2 in accordance with the terms of the Contract. GMP-2 for the Town of Apex Pleasant Park is \$4,537,077.23.
2. GMP-2 includes the scope of work for the portion of the Project covered by GMP-2 as described in detail in the attached "Town of Apex Pleasant Park GMP 2", dated December 30, 2020, and labeled "Exhibit A." The budget, plans and specifications, and Project Schedule are detailed in Exhibit A. Exhibit A is incorporated into this Amendment as if fully set forth herein.
3. The amended Contract Amount is as follows:

Original Pre-Construction Amount:	\$181,710.00
Contract Amendment #1 (GMP-1):	\$9,219,199.39
Change Order #1 to GMP-1	\$218,312.11
Contract Amendment #2 (GMP-2):	\$4,537,077.23
<b>PROJECT TOTAL:</b>	<b>\$14,156,298.73</b>

Except as specifically modified by this Contract Amendment #2, all other terms, conditions and other provisions of the Contract and Contract Amendment #1 remain in full force and effect.

IN WITNESS WHEREOF, the contracting parties, by their authorized agents, affix their signatures and seals this the \_\_\_\_ day of January, 2021.

**Construction Manager at Risk**

**Town of Apex**

Name: \_\_\_\_\_  
J.M. Thompson Company


\_\_\_\_\_  
Andrew L. Havens, Town Manager

By:   
(Signature)

Attest: \_\_\_\_\_

Printed Name/Title: JOHN M. THOMPSON  
PRESIDENT

\_\_\_\_\_  
Donna Hosch, Town Clerk

Attest:   
(Secretary, if a corporation)

HAL M. THOMPSON / SECT.  
Printed Name/Title

*This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.*

\_\_\_\_\_  
Vance Holloman, Finance Director

December 30th, 2020

## TOWN OF APEX PLEASANT PARK GMP 2



# JMT

**J. M. THOMPSON**

*General Contractors since 1921*

**BUILT ON STRONG FOUNDATION**



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## **Executive Summary**

### **Town of Apex Pleasant Park – December 30, 2020**

Pleasant Park, approved as part of the 2017 Parks Bond, will be a showcase facility for the Town of Apex and the entire region. The 92 acre park will provide opportunities for all ages and abilities.

Along with the creation of roadways and pathways within the limits of disturbance, the park will include six turf multiuse athletic fields, a signature soccer building, a baseball structure, picnic shelters and amenity buildings with restrooms, a maintenance structure, and a 1.3 acre enclosed water play / splash pad area with an enchanted forest theme.

GMP -2 as conveyed throughout this deliverable encompasses the work detailed herein. The trade scopes include Turf Soccer Fields and Fencing. All sub-contractors have been prequalified. The contractors issued sub contracts have been identified as the lowest responsible bidder and are to be bonded and insured accordingly.

GMP-2 also includes the necessary general conditions as applicable to the scope(s) of work detailed in this deliverable, and correlates to the schedule.

GMP -2 Is a change order to the existing contract for preconstruction and GMP - 1.



## GMP 2 Cost Summary

### Town of Apex Pleasant park – December 30, 2020

This GMP 2 Summary is based on an evaluation of the project documents and information reflecting the lowest responsible bidders, as well as abiding by the direction of the Town of Apex. It is understood that the town has accepted only the base bid for the bid packages identified in this summary for GMP2.

Division:	Description:	Cost:
BP2.4	Soccer Fields	\$ 3,334,300.00
BP2.7	Fencing	\$ 863,100.00
Subtotal:		\$ 4,197,400.00
Bonds & Insurance:		1.25% \$ 52,467.50
GMP 2 General Conditions:		\$ 133,782.00
Fee:		3.50% \$ 153,427.73
<b>Total Investment GMP 2</b>		<b>\$ 4,537,077.23</b>



## Town of Apex- Pleasant Park Allowances- GMP 2

### As applicable to Bid package 2.4 Fields & Turf:

<u>Allowance Description:</u>	<u>Quantity included:</u>	<u>Total Allowance</u>
<b><u>Allowance #1: (Applicable to BP 2.4)</u></b> Excavate unsuitable soils & stockpile on site at noted location:	<b>1,500 CY:</b>	<b>\$ 16,875.00</b>
<b><u>Allowance #2: (Applicable to BP 2.4)</u></b> Excavate unsuitable soils and haul off site:	<b>1,000 CY:</b>	<b>\$ 16,350.00</b>
<b><u>Allowance #3 (Applicable to BP 2.4)</u></b> Excavate soils and stockpile on site at noted location:	<b>500 CY:</b>	<b>\$ 5,625.00</b>
<b><u>Allowance #4: (Applicable to BP 2.4)</u></b> Excavate soils and haul off site:	<b>505 CY:</b>	<b>\$ 8,256.75</b>
<b><u>Allowance #5: (Applicable to BP 2.4)</u></b> Trench Rock excavation and left on site is designated area:	<b>250 CY:</b>	<b>\$ 11,250.00</b>
<b><u>Allowance #6: (Applicable to BP 2.4)</u></b> Trench rock excavation and hauled off site:	<b>250 TN:</b>	<b>\$ 15,000.00</b>
<b><u>Allowance #7: (Applicable to BP 2.4)</u></b> Provide, import and place ABC stone:	<b>1,000 TN:</b>	<b>\$ 26,000.00</b>
<b><u>Allowance #8: (Applicable to BP 2.4)</u></b> Provide, import and place compactible fill (soil):	<b>1,000 CY:</b>	<b>\$ 20,000.00</b>
<b><u>Allowance #9: (Applicable to BP 2.4)</u></b> Place compactible fill from Stock Pile:	<b>250 CY:</b>	<b>\$ 4,562.50</b>
<b><u>Allowance #10: (Applicable to BP 2.4)</u></b> Provide, import and place #57 stone:	<b>1,500 CY:</b>	<b>\$ 45,000.00</b>
<b><u>Allowance #11: (Applicable to BP 2.4)</u></b> Provide, import and place structural processed fill:	<b>1,500 TN:</b>	<b>\$ 29,250.00</b>

## Town of Apex- Pleasant Park Allowances- GMP 2

### As applicable to Bid Package 2.7 Fencing:

<u>Allowance Description:</u>	<u>Quantity included:</u>	<u>Total Allowance</u>
<b><u>Allowance #1: (Applicable to BP2.7):</u></b> 4' Decorative Fencing: 16' Sections	96 LF	\$4,512.00
<b><u>Allowance #2: (Applicable to BP2.7):</u></b> 4' Chain Link Safety Fence	200 LF	\$4,200.00
<b><u>Allowance #3: (Applicable to BP2.7):</u></b> 6' Perimeter Chain link Fence: 20' Sections	160 LF	\$4,320.00
<b><u>Allowance #4: (Applicable to BP2.7):</u></b> 8' Baseball Chain link Fence: 20' Sections	300 LF	\$ 9,900.00
<b><u>Allowance #5: (Applicable to BP2.7):</u></b> 8' Soccer Field Fence with Safety Netting: 20' Sections	600 LF	\$ 14,400.00
<b><u>Allowance #6: (Applicable to BP2.7):</u></b> 10' Chain Link Fence with Windscreen: 20' Sections	160 LF	\$ 8,960.00



## Town of Apex- Pleasant Park Unit Prices- GMP 2

**UNIT PRICES:** These unit prices do not include fee or general conditions and are included only in the event that quantities should go beyond those detailed in the allowances.

**UP #1 (Applicable to BP 2.4)**

Excavate unsuitable soils and stockpile on site at noted location: \$ 11.25 Per CY

**UP #2 (Applicable to BP 2.4)**

Excavate unsuitable soils and haul off site: \$ 16.35 Per CY

**UP #3 (Applicable to BP 2.4)**

Excavate soils and stockpile on site at noted location: \$ 11.25 Per CY

**UP #4 (Applicable to BP 2.4)**

Excavate soils and haul off site: \$ 16.35 Per CY

**UP #5 (Applicable to BP 2.4)**

Trench Rock excavation and left on site in designated area: \$ 45.00 Per CY

**UP #6 (Applicable to BP 2.4)**

Trench Rock excavation and hauled off site: \$ 60.00 Per CY

**UP #7 (Applicable to BP 2.0, BP 2.3)**

Provide, import and place ABC stone 100 TN or more: \$ 27.00 Per TN

**UP #8 (Applicable to BP 2.4)**

Provide, import and place compactible fill (soil): \$ 20.00 Per CY

**UP #9 (Applicable to BP 2.4)**

Place compactible fill from stock pile: \$ 18.25 Per CY

**UP #10 (Applicable to BP 2.4)**

Provide, import and place #57 stone: \$ 30.00 Per TN

**UP #11 (Applicable to BP 2.4)**

Provide, import and place structural processed fill: \$ 19.50 Per TN

## Town of Apex- Pleasant Park Unit Prices- GMP 2

**As applicable to Bid Package 2.7 Fencing:**

**UP #1: (Applicable to BP2.7):**

4' Decorative Fencing: 16' Sections	\$	752.00
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**UP #2: (Applicable to BP2.7):**

4' Chain Link Safety Fence	\$	420.00
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**UP #3: (Applicable to BP2.7):**

6' Perimeter Chain link Fence: 20' Sections	\$	540.00
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**UP #4: (Applicable to BP2.7):**

8' Baseball Chain link Fence: 20' Sections	\$	660.00
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**UP #5: (Applicable to BP2.7):**

8' Soccer Field Fence with Safety Netting: 20' Sections	\$	960.00
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**UP #6: (Applicable to BP2.7):**

10' Chain Link Fence with Windscreen: 20' Sections	\$	1,120.00
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## Scope Clarifications

### Town of Apex Pleasant park – December 30, 2020

1. GMP -2 includes BP 2.4 Fields & Synthetic Turf and BP 2.7 Fences & Gates, General conditions and applicable insurances as described herein.
2. The Town of Apex has elected to accept only the Base Bid as defined in the bid scope documents for GMP -2. This excludes the baseball fields and related fencing at this time.
3. We have not included the removal any hazardous material in GMP-2.
4. The Town of Apex (TOA) is buying and installing the site lighting, outside of this project.
5. The TOA will provide transformers within 25' of each structure.
6. The site amenity structure and any related engineering, foundations, utilities required are by the TOA outside of this contract.
7. We've included all permits (at no cost), licenses, inspections, training, tests, certifications, fees, and warranties as required by the Contract Documents, applicable codes, state and local authorities. The work on this project may involve working in or adjacent to a railroad right of way. Specific requirements related to the railroad have not been included as all work within the railway right of way is not included.
8. We have included dedicated full time Superintendent to the project at all times that work or deliveries are being performed, or as required for the proper coordination between trades. The Superintendent shall not be replaced or removed by the CM without the written consent of the owner. However, the CM at their discretion may direct a Subcontractor to replace the Superintendent(s).
9. Any sub contractor hired direct by the design team or owner shall inspect and verify, at least two (2) weeks prior to the start of their Work that all requirements for installation are complete and acceptable as required for installation to begin. This verification shall be submitted to the Construction Manager in writing. The survey shall include, but not be limited to a detailed review of all work in place furnished & installed by others. Items that do not meet the installation requirements must be identified accordingly. Subcontractor to coordinate all existing utility locating and identification for their work. This includes but not limited to use of NC811 and private utility locating services. Particular attention to be paid to any work within Cardinal Gas Line easement. Subcontractor to coordinate preconstruction meeting with all utilities and notify Construction Manager. Subcontractor to meet all utility company guidelines for work within utility easement.
10. Any sub contractor hired direct by the design team or owner shall abide by the contract documents, including but not limited to the project manual, bid scopes and addenda.
11. CM will submit all documentation required including shop drawings, submittals, production schedule, delivery, and installation that will meet the milestone dates identified in the Construction Schedule. This schedule is to be updated and submitted by the Construction Manager monthly throughout the performance of this project.

## Scope Clarifications

### Town of Apex Pleasant park – December 30, 2020

12. Warranties start at the date of final acceptance of the work or beneficial occupancy, regardless of when the equipment was installed or placed in service during construction. The CM shall take note of extended warranty requirements outlined in the specifications. For warranties that extend beyond the normal period, a separate warranty may be required to be written directly between the Owner and subcontractor.
13. The CM will utilize the Project Team Procore platform. All submittals will be processed in an electronic format, as well as document control, field activity tracking, reports, punch listing and commissioning. All parties shall provide the necessary equipment, personnel and training to support these functions on site. Any deviations, changes, and/or discrepancies differentiating the shop drawings from the Contract Documents shall be clouded.
14. Designers and owner shall cooperate fully with building inspection officials, third-party inspectors, and CM's designated representatives for review and inspection of the work. CM shall provide access to any and all areas for required testing, including providing scaffolding, safety equipment, lifts, etc as required.
15. Stored materials may be submitted for payment when stored on site, received in a timely fashion and with prior approval of the Owner.
16. Owners & designers understand that weekly project meetings will be held on the job site
17. The Owner has engaged a third party commissioning agent for this project.
18. CM will provide multiple "Mock-ups" or "Prototypes" as required to expedite the approval of any system or product or as required by Specification. Modification or reworking of the "Mock-ups" or "Prototypes" to achieve Owner/Architect/Contractor approval is included in the Scope of Work in accordance with technical specification.
19. The Fields & Turf package Includes all surveying and related drainage system, Providing staking for all structures and buildings. GMP-1 included subgrade as built for all Athletic Fields. GMP -2 Field Contractor to provide Athletic Fields & drainage as built. CM shall obtain a signed and sealed drawing to certify all installations, etc. comply with Contract Documents upon completion of each phase of work..
20. CM will continue to maintain all erosion control measures and maintenance as required by documents and site conditions. We will furnish, install, maintain and remove all erosion control measures as shown on plans including, but not limited to, construction entrances, silt fence, berms, tree protection fencing, diversion ditches, inlet protections, rock check dams, dewatering silt bags, silt fence outlets, temporary sediment basins complete, temporary seeding, channel lining, and matting. Subcontractor will maintain erosion control measures throughout the entire project duration. Subcontractor will provide all reporting required by regulatory agencies and



## Scope Clarifications

### Town of Apex Pleasant park – December 30, 2020

Town of Apex. Furnish, install and maintain for the life of the project an erosion control system to prevent the runoff of water from leaving the site.

21. Any areas which deflect, rut or pump excessively should be undercut to suitable soil and replaced with fill as directed by the Owners Testing Agency using unit prices and allowances per contract documents.
22. Furnish and install site grading to all subgrade elevations shown on the plans and as identified in this scope of work document. All cut and fill to be unclassified to contract documents subgrades. The CM assumes that all material excavated, for whatever reason, on the site will be used on site and all material required as fill material will be excavated from on site with the exception of structural fill for segmented walls.
23. The intent is to balance site. Excess material including topsoil and footing spoils to be wasted on site. Area shown as Phase 4 will be primary area for excess fill.
24. CM notes the terms and definitions indicated for unsuitable soils, unsatisfactory soils and rock excavation in Specification 312000-Earth Moving. Allowance quantities are to be used for UNSUITABLE soil excavation located at or below proposed subgrade elevations as directed by Owners Testing Agency. UNSATISFACTORY soil materials (located above subgrade) may be blended if the specification allows and replaced with suitable soil at no additional cost to the project.
25. Stockpile existing topsoil from the site and respread as required. Excess topsoil to be wasted on site.
26. Furnish and install all stone bedding material as required by plans and specifications.
27. Furnish and install trench protection for work per OSHA regulations.
28. Furnish, install and maintain temporary roads, laydown areas as required. CM to have sub contractor grade temporary roads for positive drainage. (See logistics/staging plan for further details). Refer to the Site Demolition and Staging plan for information as it relates to the temporary construction access roads and laydown/staging areas and associated temporary fencing. This temporary road will be built and maintained by using ABC stone and fabric as shown. Temporary road width to be 24'. Components to include undercut of paved areas by 6", geotextile fabric, 6" ABC compacted to withstand fully loaded tandem dump truck. CM to have subcontractor furnish, install, maintain and remove temporary construction fencing and gates as shown on logistics/staging plan and provide 6' temporary fencing around existing Patrick Family graveyard prior to any work on site.



## **Scope Clarifications**

### **Town of Apex Pleasant park – December 30, 2020**

29. CM to ensure subcontractors furnish, install and maintain concrete wash out areas, including the removal as directed by the Construction Manager along with posted signage.
30. CM will ensure subcontractors provide pumps and dewatering devices required to perform all work in this bid package
31. CM will coordinate all work for telephone, gas and electrical services which will be by others.
32. Temporary water at Trailer Area
33. Permits to be provided by Owner at no cost. CM shall obtain permits and coordinate inspections with Town and Construction Manager.





## Total Project Budget w/ GMP 3 Estimate

Town of Apex Pleasant park – December 30, 2020

Division:	Description:	Cost:
BP2.0	Earthwork & Storm Drainage	GMP1 \$ 5,712,870.00
BP2.1	Segmental Walls	GMP1 \$ 689,484.00
BP2.2	Bridge	\$ 450,000.00
BP2.3	Utilities	GMP1 \$ 1,451,328.00
BP2.4	Fields & Turf	GMP2 \$ 3,334,300.00
BP2.5	Asphalt Paving (inc. Courts, Curb & Gutter)	\$ 1,919,541.00
BP2.6	Site Concrete	\$ 831,857.00
BP2.7	Fencing	GMP2 \$ 863,100.00
BP2.8	Landscaping	\$ 1,010,686.00
BP3.0	Building Concrete	\$ 344,893.00
BP4.0	Masonry	\$ 502,202.00
BP5.0	Misc. Metals	\$ 74,475.00
BP6.0	Rough Carpentry	\$ 1,000,236.00
BP6.1	Trusses	\$ 89,120.00
BP6.2	Casework & Cabinetry	\$ 17,283.00
BP7.0	Roofing	\$ 623,512.00
BP7.1	Metal Panels	\$ 24,000.00
BP7.3	Caulking & Sealants	\$ 65,642.00
BP8.0	Doors, Frames & Hardware	\$ 74,450.00
BP8.1	Glass & Glazing	\$ 79,750.00
BP8.2	Overhead Doors & Coiling Shutters	\$ 29,000.00
BP9.0	Framing, Drywall & Acoustic Ceilings	\$ 149,619.00
BP9.1	Painting	\$ 114,018.00
BP9.2	Flooring	\$ 32,576.00
BP10.0	Toilet Partitions & Accessories	\$ 80,227.00
BP10.1	Lockers	\$ 17,907.00
BP10.2	Fire Extinguishers	\$ 4,550.00
BP10.3	Signage	\$ 47,950.00
BP10.4	Flagpoles	\$ 6,000.00
BP10.6	Canopies	\$ 87,200.00



## Total Project Budget w/ GMP 3 Estimate

### Continued

#### Town of Apex Pleasant park – December 30, 2020

BP11.0	Playground Equipment		\$	-
BP11.1	Athletic Equipment		\$	224,000.00
BP12.0	Site Amenities (Garbage cans & Bike racks)		\$	32,411.00
BP12.1	Roller shades		\$	2,850.00
BP13.0	Splashpad		\$	224,667.00
BP15.1	Kitchen equipment		\$	6,490.00
BP15.2	Plumbing		\$	214,150.00
BP15.3	Mechanical		\$	299,380.00
BP16.0	Electrical & Fire Alarm		\$	905,890.00

Subtotal:			\$	21,637,614.00
Bonds & Insurance:		1.25%	\$	270,470.18
General Conditions:			\$	1,911,172.00
Fee:		3.50%	\$	833,673.97
CO#1	Treeprotection fence & Sewer additions	11/24/2020	\$	218,820.18
CO#2	Additional Storm Drainage Pending	1/8/2021	\$	721,755.00
Total Cost of work under Contract with JMT:			\$	25,593,505.32

\* This budget does not include the below items:

*	Site Lighting & Amenity	ADD	\$	5,350,000.00
*	Baseball fields	ADD	\$	2,245,700.00
*	Baseball field fencing	ADD	\$	542,466.00
*	Alternate to add shock pad & cooling at turf feilds	ADD	\$	1,425,751.00



**J.M. THOMPSON**  
General Contractors since 1921

Tuesday, January 7, 2020

**Pleasant Park General Conditions**

Item	Description	Takeoff Qty	UM	Subcontract Unit Cost	UM	Other Unit Cost	UM	Rate	Total Unit Cost	%	Total Amount	
10	Project Manager	103.00	week					\$ 3,300.00	\$ 3,300.00	/week	100%	\$ 339,900.00
10	Asst. Project Manager	103.00	week	\$ -		\$ -		\$ 2,211.00	\$ 2,211.00	/week	75%	\$ 170,799.75
10	Project Engineer	103.00	week					\$ 2,178.00	\$ 2,178.00	/week	75%	\$ 168,250.50
20	PM Vehicle	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
10	Project Executive oversight	103.00	week					\$ 4,620.00	\$ 4,620.00	/week	10%	\$ 47,586.00
20	Asst. PM Vehicle	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
30	Mobile Phone - Project Manager	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	100%	\$ 1,200.00
30	Mobile Phone - Asst. Project Manager	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	50%	\$ 600.00
10	Superintendent	103.00	week					\$ 3,102.00	\$ 3,102.00	/week	100%	\$ 319,506.00
20	Pickup Truck - Superintendent	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	100%	\$ 30,000.00
30	Mobile Phone - Superintendent	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	100%	\$ 1,200.00
10	Assistant Superintendent #1	103.00	week					\$ 2,046.00	\$ 2,046.00	/week	75%	\$ 158,053.50
10	Assistant Superintendent #2	0.00	week					\$ 2,046.00	\$ 2,046.00	/week	0%	\$ -
10	Assistant Superintendent #3	0.00	week					\$ 2,046.00	\$ 2,046.00	/week	0%	\$ -
20	Pickup Truck - Assist, Superintendent #1	24.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	75%	\$ 22,500.00
20	Pickup Truck - Assist, Superintendent #2	0.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	0%	\$ -
20	Pickup Truck - Assist, Superintendent #3	0.00	mnth			\$ 1,250.00			\$ 1,250.00	/mnth	0%	\$ -
30	Mobile Phone - Assist, Superintendent #1	24.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	75%	\$ 900.00
30	Mobile Phone - Assist, Superintendent #2	0.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	0%	\$ -
30	Mobile Phone - Assist, Superintendent #3	0.00	mnth			\$ 50.00	/mnth		\$ 50.00	/mnth	0%	\$ -
40	Office Engineer/ Clerk	0.00	week					\$ 1,650.00	\$ 1,650.00	/week	0%	\$ -
10	Office Trailer	24.00	mnth			\$ 850.00			\$ 850.00	/mnth	95%	\$ 19,380.00
20	Office Trailer - Set up, / Stairs	1.00	LS			\$ 1,200.00			\$ 1,200.00	/ls	100%	\$ 1,200.00
30	Tool Storage Trailer / Connex (2)	24.00	mnth			\$ 500.00			\$ 500.00	/mnth	80%	\$ 9,600.00
60	Onsite Equipment / Gator	24.00	mnth			\$ 850.00			\$ 850.00	/mnth	100%	\$ 20,400.00
70	Personnel Elevator	15.00	mnth						\$ -	/mnth	0%	\$ -
10	Schedule Set-up	1.00	lsum	\$ -	/lsum	\$ 7,500.00			\$ 7,500.00	/lsum	100%	\$ 7,500.00
20	Schedule Updates	24.00	each	\$ 1,500.00	/each	\$ 450.00			\$ 1,950.00	/each	100%	\$ 48,800.00
20	Job Photographs	24.00	mnth	\$ 150.00	/mnth	\$ 50.00	/mnth		\$ 200.00	/mnth	100%	\$ 4,800.00
10	Job Use Electricity	24.00	mnth	\$ 1,100.00	/mnth				\$ 1,100.00	/mnth	100%	\$ 26,400.00
20	Office Trailer Electricity (2)	23.00	mnth			\$ 300.00	/mnth		\$ 300.00	/mnth	100%	\$ 6,900.00
30	System Start-up	6.00	mnth	\$ 6,000.00	/mnth				\$ 6,000.00	/mnth	0%	\$ -
10	Temporary Heat	6.00	mnth	\$ 7,500.00	/mnth				\$ 7,500.00	/mnth	0%	\$ -
20	Temporary Air Conditioning	6.00	mnth	\$ 7,500.00	/mnth				\$ 7,500.00	/mnth	0%	\$ -
10	Water Service Hook-up	1.00	lsum	\$ 15,000.00	/lsum	\$ 500.00	/lsum		\$ 15,500.00	/lsum	100%	\$ 15,500.00
20	Job Use Water	23.00	mnth	\$ 1,500.00	/mnth	\$ 100.00	/mnth		\$ 1,600.00	/mnth	100%	\$ 36,800.00
30	Ice & Cups	103.00	week						\$ -	/week	100%	\$ -
10	Temporary Toilets (6)	24.00	mnth			\$ 540.00	/mnth		\$ 540.00	/mnth	100%	\$ 12,960.00
10	Safety Supplies	24.00	mnth			\$ 250.00			\$ 250.00	/mnth	100%	\$ 6,000.00
20	Traffic Barricades	100.00	lnft						\$ -		0%	\$ -
40	Traffic Control	40.00	hour						\$ -		0%	\$ -
60	Fire Extinguishers	10.00	each			\$ 150.00			\$ 150.00	/each	100%	\$ 1,500.00
90	Safety Meetings	103.00	week						\$ -	/week	100%	\$ -
100	Safety Officer	103.00	week					\$ 2,178.00	\$ 2,178.00	/week	50%	\$ 112,167.00
10	Construction Fence (misc purposes)	1,000.00	lnft	\$ 10.00	/lnft				\$ 10.00	/lnft	100%	\$ 10,000.00
10	Construction Fence Screening	1,000.00	lnft	\$ 10.00	/lnft				\$ 10.00	/lnft	0%	\$ -
20	Personnel Gate	1.00	each	\$ 750.00	/each				\$ 750.00	/each	100%	\$ 750.00
30	Vehicle Gate	2.00	each	\$ 1,500.00	/each				\$ 1,500.00	/each	100%	\$ 3,000.00
10	Structural Shoring	0.00	pnts						\$ -		0%	\$ -
10	Security/Watchman	103.00	week	\$ 3,600.00	/week				\$ 3,600.00	/week	10%	\$ 37,080.00
10	Temporary Roadway	1,500.00	sqyd	\$ 10.00	/sqyd				\$ 10.00	/sqyd	0%	\$ -
20	Temporary Parking / maintenance	1,000.00	sqyd	\$ 4.00	/sqyd				\$ 4.00	/sqyd	100%	\$ 4,000.00
10	Weekly Clean-up	95.00	week					594	\$ 594.00	/week	100%	\$ 56,430.00
30	Dumpster Rent (2)	24.00	mnth			\$ 900.00			\$ 900.00	/mnth	100%	\$ 21,600.00

Pleasant park - Town of Apex General Conditions

January 7, 2020

40	Haul Charges	48.00	each		\$ 250.00		\$ 250.00	/each	100%	\$ 12,000.00	
40	Waste sorting fees	75.00	each				\$ -	/each	0%	\$ -	
60	Street Cleaning	103.00	week	\$ 1,200.00			\$ 1,200.00	/hour	20%	\$ 24,720.00	
10	Surface Water Control	1.00	week				\$ -		0%	\$ -	
10	Project Sign	1.00	each		\$ 2,500.00		\$ 2,500.00	/each	100%	\$ 2,500.00	
10	Project Traffic Signage	1.00	each		\$ 2,500.00		\$ 2,500.00	/each	100%	\$ 2,500.00	
10	Office Set-up	1.00	lsum		\$ 1,250.00		\$ 1,250.00	/lsum	100%	\$ 1,250.00	
20	Office Set-up - Owner's Rep,	0.00	lsum				\$ -	/lsum	0%	\$ -	
30	Temp sanitary to trailer	1.00	lsum	\$ 2,500.00			\$ 2,500.00	/lsum	0%	\$ -	
30	Temp Water to trailer	1.00	lsum	\$ 2,500.00			\$ 2,500.00	/lsum	0%	\$ -	
30	Temp electric to trailer	2.00	lsum	\$ 2,500.00			\$ 2,500.00	/lsum	100%	\$ 5,000.00	
30	Temp power monthly cost	24.00	lsum		\$ 350.00		\$ 350.00	/lsum	100%	\$ 8,400.00	
10	Office Supplies	24.00	mnth		\$ 250.00		\$ 250.00	/mnth	100%	\$ 6,000.00	
10	Plan printing	1.00	LS	\$ 5,000.00			\$ 5,000.00	/LS	100%	\$ 5,000.00	
20	Office Furniture	1.00	ls		\$ 6,500.00		\$ 6,500.00	/ls	100%	\$ 6,500.00	
30	Computer & Printer	4.00	each		\$ 1,500.00		\$ 1,500.00	/each	100%	\$ 6,000.00	
30	IT Support	24.00	mnth		\$ 350.00		\$ 350.00	/mnth	100%	\$ 8,400.00	
30	Software	24.00	mnth		\$ 1,500.00		\$ 1,500.00	/mnth	100%	\$ 36,000.00	
40	Copy Machine	24.00	mnth		\$ 150.00		\$ 150.00	/mnth	100%	\$ 3,600.00	
60	Postage & Shipping	24.00	mnth	\$ -	/mnth	\$ 85.00	/mnth	\$ 85.00	/mnth	100%	\$ 2,040.00
10	Final Cleanup	103.00	wk				\$ -	/sqft	0%	\$ -	
<b>Total General Conditions:</b>										<b>\$ 1,911,172.75</b>	

**Note:**

\* Unit costs for labor and Material are allocated & include burden and sales tax.



## **Document Enumeration**

### **Town of Apex Pleasant Park – December 30, 2020**

#### GMP1 Documents included as part of GMP2:

9-26 Plans Combined

Addenda 1, 11-12-2019

Addenda 2, 11-26-2019

Pleasant Park Temp Road, Staging & Fencing

#### GMP2 Documents

GMP 2 Bid Manual 11-15-2020

Pleasant Park GMP2 Plans 10-23-2020

Specification 116833\_34 Baseball & Softball Field Equipmentv2

Specification 323113\_00 Chain Link Fences and Gates DRAFT

Specification – Montage Plus

Synthetic Turf Spec Draft

Synthetic Turf Base Course Spec Draft

Synthetic Turf Subsurface Drainage Spec Draft

#### Addenda 1:

GMP2 Addenda 1 Cover

Pleasant Park Revised Plans 11-13-2020

Specification 321550\_10 Synthetic Turf Base Course

Specification 321813\_00 Synthetic Turf

Specification 323113FL-Chain Link Fences and Gates

Specification 323119.53 Decorative Metal Security Fences & Gates

Specification 323119.53.1 Decorative Metal Security Fences & Gates-Swinging

Specification 324116\_10 Synthetic Turf Subsurface Drainage

Apex GMP2 Bid Form Fencing

Apex GMP2 Bid Form Fields & Turf

Chain Link Fence Bulletin Drawing 11-12-2020

Addenda 1 Continued:

Pleasant Park Schedule Update 02 Remaining Work 11-10-2020

PP backstop Netting Posts

Soccer Field Curb Taper 11-03-2020

Dugout Post Example photo

Backstop Post Example photo

Addenda 2:

GMP2 Addenda 2 Cover 11-25-2020

Apex GMP2 Bid Form Fields & Turf Revised 11-25-2020























Activity ID	Activity Name	Org Dur	Rem Dur	Phys % Comp	Start	Finish	Total Float	2021												2022											
								Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul			
TSB 120	Remove Basin #9, Complete Grading & Landscaping - Z4	20	20	0%	15-Apr-21	12-May-21	237																								
TSB 130	Remove Basin #8, Complete Grading & Landscaping - Z5	10	10	0%	03-May-21	14-May-21	235																								
TSB 135	Convert Temp. Basin 1 to SCM1 - Z2	10	10	0%	01-Jun-21	14-Jun-21	215																								
TSB 125	Convert Temp. Basin #3 & Final Planting - Z8	20	20	0%	24-May-21	21-Jun-21	210																								
TSB 145	Remove Basin #7, Complete Grading & Landscaping - Z2	10	10	0%	17-Jan-22	28-Jan-22	-55																								
TSB 100	Remove Basin #5, Complete Grading & Landscaping - Z5	10	10	0%	11-Apr-22	22-Apr-22	0																								

-  Remaining Level of Effort
-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Milestone

Pleasant Park - Apex, NC  
 JM Thompson Company  
 Update 02 - Data Date 02Nov20 - Remaining Work Only



Item	Description	Takeoff Qty		Labor		Material		Subcontract		Equipment	Other	Total
				Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP02.0 Earthwork &amp; Storm</b>												
05	Earthwork & Storm	1.00	LS					5,571,864				5,571,864
05	Excavate unsuitable soils & stockpile on site at noted location (Allowance 1)	8,500.00	cuyd					63,750				63,750
05	Excavate unsuitable soils & haul off site (Allowance 2)	500.00	cuyd					10,500				10,500
05	Provide, import & place ABC stone (Allowance 7)	100.00	TN					2,700				2,700
05	Provide, import & place compactable fill (Allowance 9)	100.00	cuyd					3,500				3,500
05	Place compactable fill from stockpile (Allowance 10)	100.00	cuyd					1,300				1,300
05	Provide, import & place structural process fill (Allowance 12)	1,000.00	TN					21,000				21,000
05	Provide, install 6" HDPE Drain Leaders (Allowance 13)	900.00	lnft					32,400				32,400
05	Provide, install 6" HDPE Drain Leader Bend (Allowance 14)	16.00	each					1,136				1,136
05	Provide, install 6" HDPE Drain Clean Outs (Allowance 15)	16.00	each					4,720				4,720
05	Stream Buffer to be removed	30,589.00	sf									
10	Phase 3 Site Cut to Fill	107,404.00	cuyd					0				
10	Phase 2 Site Cut to Fill	10,091.00	cuyd					0				
10	Phase 1 Site Cut to Fill	159,539.00	cuyd					0				
10	Phase 4 Site Cut to Fill	6,947.00	cuyd					0				
20	Phase 3 Site Cut to Stockpile	1,717.00	cuyd					0				
20	Phase 4 Site Cut to Stockpile	27,690.00	cuyd					0				
50	Phase 2 Site fill From Borrow	5,409.00	cuyd					0				
50	Phase 1 Site fill From Borrow	26,367.00	cuyd					0				
20	Silt Fence	3,500.00	lnft					0				
25	Tree Protection Fence	1,500.00	lnft					0				
30	Erosion Control Pund	2.00	LS					0				
50	Temporary Seeding	1.00	LS					0				
55	Maintain Erosion Control	1.00	lsurm					0				
60	Inlet Protection	1.00	each					0				
10	Soil Poisoning	17,985.00	sqft					0				
90	Dewatering for Construction	1.00	lsurm					0				
90	Storm Drainage & Ponds	1.00	lsurm					0				
90	Culvert / Bridge	1.00	lsurm					0				
310	30" RCP	80.00	lnft					0				
310	42" RCP	104.00	lnft					0				
310	42" HDPE Storm	700.00	lnft					0				
310	36" HDPE Storm	300.00	lnft					0				
310	30" HDPE Storm	30.00	lnft					0				
310	24" HDPE Storm	1,440.00	lnft					0				
310	18" HDPE Storm	2,260.00	lnft					0				
310	15" HDPE Storm	4,500.00	lnft					0				
315	15" RCP	130.00	lnft					0				
325	18" RCP	18.00	lnft					0				
<b>BP02.0 Earthwork &amp; Storm</b>								<b>5,712,870</b>				<b>5,712,870</b>
<b>BP02.1 Segmental retaining walls</b>												
10	Segmental Retaining Walls	1.00	LS					689,484				689,484
10	Segmented Retaining Walls #8	1,450.00	sqft					0				
10	Segmented Retaining Walls #7	947.00	sqft					0				
10	Segmented Retaining Walls #6	1,183.00	sqft					0				
10	Segmented Retaining Walls #5	3,978.00	sqft					0				
10	Segmented Retaining Walls #4	280.00	sqft					0				
10	Segmented Retaining Walls #3	1,127.00	sqft					0				
10	Segmented Retaining Walls #2	2,795.00	sqft					0				
10	Segmented Retaining Walls #1	2,416.00	sqft					0				
10	Structural fill at walls	24,642.00	ln					0				
10	Segmented Retaining Walls #10	15,221.00	sqft					0				

Item	Description	Takeoff Qty	Labor		Material		Subcontract	Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount				
<b>BP02.1 Segmental retaining walls</b>							<b>689,484</b>			<b>689,484</b>
<b>BP02.2</b>	<b>Bridge</b>									
05	Bridge	1.00 LS					450,000			450,000
<b>BP02.2 Bridge</b>							<b>450,000</b>			<b>450,000</b>
<b>BP02.3</b>	<b>Utilities</b>									
10	Utilities	1.00 LS					1,418,828			1,418,828
10	Trench rock excavation & hauled off site (Allowance 5)	100.00 cuyd					15,000			15,000
10	Provide, Import and place #57 stone	500.00 TN					17,500			17,500
10	Wet Well	1.00 LS					0			0
10	2" Water Distribution Piping	350.00 Inft					0			0
10	1-1/2" Water Distribution Piping	110.00 Inft					0			0
10	1" Irrigation piping	100.00 Inft					0			0
10	Pump Station water	1.00 LS					0			0
10	Force main	1.00 LS					0			0
10	Irrigation Meter Assemble	1.00 LS					0			0
85	Hydrants	7.00 each					0			0
94	Water Service Accessories	1.00 LS					0			0
94	Water Meter	6.00 each					0			0
10	Sanitary Sewer DIP	1,260.00 LF					0			0
10	Sanitary Sewer 8" PVC	870.00 Isum					0			0
10	Sanitary Manholes	13.00 Isum					0			0
10	Sanitary Sewer 4" PVC	460.00 Isum					0			0
125	6" DIP	980.00 Inft					0			0
125	8" DIP	2,660.00 Inft					0			0
135	12" DIP	900.00 Inft					0			0
<b>BP02.3 Utilities</b>							<b>1,451,328</b>			<b>1,451,328</b>
<b>BP02.4</b>	<b>Fields &amp; Turf</b>									
30	Fields sub contractor	1.00 SF					3,334,300			3,334,300
30	Soccer Field 5 & 6 Surface	194,000.00 SF					0			0
30	Soccer Field 3 & 4 Surface	194,005.00 SF					0			0
30	Soccer Field 2 Surface	108,000.00 SF					0			0
30	Soccer field 1 Surface	100,000.00 SF					0			0
<b>BP02.4 Fields &amp; Turf</b>							<b>3,334,300</b>			<b>3,334,300</b>
<b>BP02.5</b>	<b>Asphalt Paving / Curb &amp; Gutter</b>									
30	Basketball Courts Surface	10,200.00 SF					122,400			122,400
30	Pickle Ball courts Surface	2,700.00 SF					32,400			32,400
30	Tennis Courts - Surface	11,500.00 SF					138,000			138,000
10	24" Curb & Gutter	12,220.00 Inft					366,600			366,600
10	30" Curb & Gutter	1.00 Inft					0			0
10	18" Curb & Gutter	1.00 Inft					0			0
20	Light Duty Paving & Base	32,269.00 sqyd					903,532			903,532
20	Heavy Duty Paving & Base	11,439.00 sqyd					354,609			354,609
20	Handicap Parking Symbols	8.00 each					2,000			2,000
<b>BP02.5 Asphalt Paving / Curb &amp; Gutter</b>							<b>1,919,541</b>			<b>1,919,541</b>
<b>BP02.6</b>	<b>Site Concrete</b>									
10	Site walls @ BB Fields	1.00 LS					110,610			110,610
10	Concrete Prep	25,200.00 sqft					44,100			44,100
20	Stone Base	425.00 tone					14,875			14,875
30	5' Sidewalk	4,851.00 sf					38,808			38,808
30	HC Ramps	12.00 sf					10,164			10,164
70	10' Concrete path	24,350.00 sf					194,800			194,800

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP02.6 Site Concrete</b>											
70	Concrete path @ BS Fields	62,000.00	sf					418,500			418,500
	<b>BP02.6 Site Concrete</b>							<b>831,857</b>			<b>831,857</b>
<b>BP02.7 Fencing</b>											
10	Fencing sub contractor	1.00	LS					863,100			863,100
10	Field Fence 1 - 10' Fence (netting separate)	0.00	lnft					0			0
10	Field Fence 2 - 10' Fence (netting separate)	0.00	lnft					0			0
10	Field Fence 3 & 4 - 10' Fence (Netting Separate)	0.00	lnft					0			0
10	Wall Fence - 4' chaining	468.00	lnft					0			0
10	Tennis court fencing w/ windscreen	753.00	lnft					0			0
10	Field Fence 5 & 6 - 10' Fence (Netting Separate)	1,280.00	lnft					0			0
10	Chain Link Fence Temp - For completing soccer field early	1,500.00	lnft					0			0
10	7' Chain Link Fence Black Vinyl Coated	17.00	lf					0			0
10	Chain Link Fence Temp	288.00	lnft					0			0
30	Guard Rail @ roadway	189.00	lnft					0			0
---	7x3' Chain Link Gate	1.00	each					0			0
50	Baseball Netting	0.00	SF	0.00	0	0.00	0	0			0
50	Netting @ Soccer fields	41,168.00	SF					0			0
10	Misc. Concrete Drive apron	500.00	SF					0			0
900	Metal Gates @ Soccer Field 5 & 6	4.00	each	0.00	0	0.00	0	0			0
900	Metal Gates @ Soccer field 3 & 4	4.00	each	0.00	0	0.00	0	0			0
900	Metal Gates @ Soccer field 2	4.00	each	0.00	0	0.00	0	0			0
900	Metal Gates @ Soccer field 1	4.00	each	0.00	0	0.00	0	0			0
900	Fence gates @ Tennis Courts	4.00	each	0.00	0	0.00	0	0			0
900	Batting cage fencing	240.00	LF	0.00	0	0.00	0	0			0
---	7' Steel Fencing	16.00	lf					0			0
---	7x3' Steel Gates	4.00	ea					0			0
---	8' In Ground Fence Post	8.00	ea					0			0
	<b>BP02.7 Fencing</b>							<b>863,100</b>			<b>863,100</b>
<b>BP02.8 Landscaping &amp; Pavers</b>											
110	Splash Zone Pavers on Conc.	4,488.00	sqft					89,720			89,720
10	Irrigation System	1.00	lsuim					75,000			75,000
500	Irrigation Slaves	500.00	lnft					10,000			10,000
40	Watering & Maintenance / Warranty	1.00	lsuim					124,350			124,350
40	Love grass	28,000.00	SF					8,960			8,960
40	Fine grading for landscape	1.00	lsuim					22,680			22,680
40	Mulching	375,000.00	SF					88,250			88,250
40	Planting / mulching	1.00	LS					181,450			181,450
40	SOD	76,000.00	SY					383,040			383,040
40	Replant RCA area	28,135.00	lsuim					49,236			49,236
	<b>BP02.8 Landscaping &amp; Pavers</b>							<b>1,010,686</b>			<b>1,010,686</b>
<b>BP03.0 Building Concrete</b>											
10	Sub mobilization	1.00	LS					23,973			23,973
10	Soil Treatment	5,925.00	sf					889			889
10	Soil Treatment	4,825.00	sf					739			739
10	Soil Treatment	3,864.00	sf					580			580
10	Soil Treatment	3,750.00	sf					593			593
10	Soil Treatment	3,520.00	sf					528			528
10	Soil Treatment	2,176.00	sf					328			328
40	Footing Exc. Machine	46.00	cy					690	552		1,242
40	Footing Exc. Machine	112.00	cy					1,680	1,344		3,024
40	Footing Exc. Machine	80.00	cy					1,200	960		2,160
40	Footing Exc. Machine	72.00	cy					1,080	864		1,944
40	Footing Exc. Machine	67.00	cy					1,005	804		1,809
40	Footing Exc. Machine	48.00	cy					720	576		1,296
41	Excavate @ Slab Turn Down	61.00	cy					1,220	915		2,135
41	Excavate @ Slab Turn Down	50.00	cy					1,000	750		1,750
41	Excavate @ Slab Turn Down	50.00	cy					1,000	750		1,750
41	Excavate @ Slab Turn Down	25.00	cy					500	375		875

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment		Other		Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount	Amount	
<b>BP03.0</b>	<b>Building Concrete</b>												
43	Excavate @ Thickened Slabs	1.50 cy	-	-	-	-	45	-	30	-	-	-	75
43	Excavate @ Thickened Slabs	6.00 cy	-	-	-	-	180	-	120	-	-	-	300
43	Excavate @ Thickened Slabs	2.00 cy	-	-	-	-	60	-	40	-	-	-	100
43	Excavate @ Thickened Slabs	1.25 cy	-	-	-	-	38	-	25	-	-	-	63
43	Excavate @ Thickened Slabs	1.25 cy	-	-	-	-	38	-	25	-	-	-	113
43	Excavate @ Thickened Slabs	2.00 cy	-	-	-	-	60	-	40	-	-	-	100
24	Place Washed Stone Base @ S.O.G.	24.00 cy	-	-	-	-	360	-	120	-	-	-	480
24	Place Washed Stone Base @ S.O.G.	66.00 cy	-	-	-	-	462	-	462	-	-	-	924
24	Place Washed Stone Base @ Ext. Slab	50.00 cy	-	-	-	-	750	-	250	-	-	-	1,000
24	Place Washed Stone Base @ S.O.G.	9.00 cy	-	-	-	-	63	-	63	-	-	-	126
24	Place Washed Stone Base @ Ext. Slab	37.00 cy	-	-	-	-	555	-	185	-	-	-	740
24	Place Washed Stone Base @ S.O.G.	9.00 cy	-	-	-	-	135	-	45	-	-	-	180
24	Place Washed Stone Base Under Slab	9.00 cy	-	-	-	-	135	-	45	-	-	-	180
24	Place Washed Stone Base @ Ext. Slab	37.00 cy	-	-	-	-	555	-	185	-	-	-	740
24	Place Washed Stone Base @ Ext. Slab	26.00 cy	-	-	-	-	390	-	130	-	-	-	520
24	Place Washed Stone Base @ S.O.G.	17.00 cy	-	-	-	-	255	-	85	-	-	-	340
33	# 57 Stone @ S.O.G.	32.00 ton	-	-	27.50 /ton	880	-	-	-	-	-	-	880
33	# 57 Stone Under S.O.G.	89.00 ton	-	-	27.50 /ton	2,448	-	-	-	-	-	-	2,448
33	# 57 Stone @ Ext. Slab	68.00 ton	-	-	27.50 /ton	1,870	-	-	-	-	-	-	1,870
33	# 57 Stone @ S.O.G.	12.00 ton	-	-	27.50 /ton	330	-	-	-	-	-	-	330
33	# 57 Stone Under Ext. Slab	49.00 ton	-	-	27.50 /ton	1,348	-	-	-	-	-	-	1,348
33	# 57 Stone @ S.O.G.	12.00 ton	-	-	27.50 /ton	330	-	-	-	-	-	-	330
33	# 57 Stone @ S.O.G.	12.00 ton	-	-	27.50 /ton	330	-	-	-	-	-	-	330
33	# 57 Stone Under Ext. Slab	49.00 ton	-	-	27.50 /ton	1,348	-	-	-	-	-	-	1,348
33	# 57 Stone Under Ext. Slab	35.00 ton	-	-	27.50 /ton	963	-	-	-	-	-	-	963
33	# 57 Stone @ Slab On Grade	24.00 ton	-	-	27.50 /ton	660	-	-	-	-	-	-	660
10	Footing Bckfill-Stockpile	14.00 cy	-	-	-	-	280	-	140	-	-	-	420
10	Footing Bckfill-Stockpile	39.00 cy	-	-	-	-	780	-	380	-	-	-	1,170
10	Footing Bckfill-Stockpile	9.00 cy	-	-	-	-	180	-	80	-	-	-	270
10	Footing Bckfill-Stockpile	33.00 cy	-	-	-	-	660	-	330	-	-	-	990
10	Footing Bckfill-Stockpile	29.00 cy	-	-	-	-	580	-	290	-	-	-	870
10	Footing Bckfill-Stockpile	17.00 cy	-	-	-	-	340	-	170	-	-	-	510
20	Backfill @ Turn Down Edge	47.00 cy	-	-	-	-	752	-	564	-	-	-	1,316
20	Backfill @ Ext. Slab Edge	39.00 cy	-	-	-	-	780	-	468	-	-	-	1,248
20	Backfill @ Turn Down Slab Edge	39.00 cy	-	-	-	-	702	-	468	-	-	-	1,170
20	Backfill @ Turn Down Slab Edge	20.00 cy	-	-	-	-	320	-	240	-	-	-	560
50	8" Slab On Grade Forms	31.00 lf	-	-	3.00 /lf	93	279	-	-	-	-	-	372
50	8" Slab On Grade Edge Forms	48.00 lf	-	-	3.00 /lf	144	432	-	-	-	-	-	576
50	8" Slab On Grade Forms	21.00 lf	-	-	3.00 /lf	63	189	-	-	-	-	-	252
50	8" Slab On Grade Edge Forms	21.00 lf	-	-	3.00 /lf	63	189	-	-	-	-	-	252
50	8" Slab On Grade Forms	20.00 lf	-	-	3.00 /lf	60	200	-	-	-	-	-	260
50	8" Slab On Grade Edge Forms	15.00 lf	-	-	3.00 /lf	45	135	-	-	-	-	-	180
55	Slab Turn Down Edge Forms	556.00 sf	-	-	3.50 /sf	1,946	5,004	-	-	-	-	-	6,950
55	Ext. Slab Turn Down Edge Form	460.00 sf	-	-	3.50 /sf	1,610	4,140	-	-	-	-	-	5,750
55	Ext. Slab Turn Down Forms	460.00 sf	-	-	3.50 /sf	1,610	4,140	-	-	-	-	-	5,750
55	Turn Down Slab Forms	230.00 sf	-	-	3.50 /sf	805	2,070	-	-	-	-	-	2,875
125	Set Anchor Bolts	48.00 ea	-	-	-	-	480	-	-	-	-	-	480
125	Set Anchor Bolts	40.00 ea	-	-	-	-	400	-	-	-	-	-	400
125	Set Anchor Bolts	40.00 ea	-	-	-	-	400	-	-	-	-	-	400
125	Set Anchor Bolts	16.00 ea	-	-	-	-	160	-	-	-	-	-	160
130	Grout Base Plates	6.00 ea	-	-	8.00 /ea	48	90	-	-	-	-	-	138
130	Grout Base Plates	10.00 ea	-	-	8.00 /ea	80	150	-	-	-	-	-	230
130	Grout Base Plates	10.00 ea	-	-	8.00 /ea	80	150	-	-	-	-	-	230
130	Grout Base Plates	4.00 ea	-	-	8.00 /ea	32	60	-	-	-	-	-	92
65	Floor Sealer @ Slab On Grade	1,427.00 sf	-	-	0.08 /sf	114	428	-	-	-	-	-	542
65	Floor Sealers @ S.O.G.	2,272.00 sf	-	-	0.08 /sf	182	682	-	-	-	-	-	863
65	Floor Sealers @ S.O.G.	550.00 sf	-	-	0.08 /sf	44	165	-	-	-	-	-	209
65	Floor Sealers @ S.O.G.	691.00 sf	-	-	0.08 /sf	55	207	-	-	-	-	-	263
65	Floor Sealer @ Slab On Grade	691.00 sf	-	-	0.08 /sf	55	207	-	-	-	-	-	263
65	Floor Sealer @ Slab On Grade	65.00 sf	-	-	0.08 /sf	5	20	-	-	-	-	-	25
80	Saw Cut Joints @ S.O.G.	111.00 lf	-	-	-	-	139	-	-	-	-	-	139
80	Saw Cut Joints	443.00 lf	-	-	-	-	554	-	-	-	-	-	554
80	Saw Cut Joints @ Ext. Slab	80.00 lf	-	-	-	-	100	-	-	-	-	-	100
80	Saw Cut Joints @ Ext. Slabs	201.00 lf	-	-	-	-	251	-	302	-	-	-	553
80	Saw Cut Joints @ Slab On Grade	80.00 lf	-	-	-	-	100	-	-	-	-	-	100
80	Saw Cut Joints @ Ext. Slabs	201.00 lf	-	-	-	-	251	-	240	-	-	-	491
80	Saw Cut Joints @ Int. Slab	80.00 lf	-	-	-	-	100	-	-	-	-	-	100
80	Saw Cut Joints @ Exterior Slab	79.00 lf	-	-	-	-	99	-	-	-	-	-	99
80	Saw Cut Joints @ Slab On Grade	108.00 lf	-	-	-	-	135	-	-	-	-	-	135

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP03.0 Building Concrete</b>											
100	Protect & Cure Slab On Grade	1,895.00 sf	-	-	0.02 /sf	38	114	-	-	-	152
100	Protect & Cure Slabs On Grade	5,353.00 sf	-	-	0.02 /sf	107	321	-	-	-	428
100	Protect & Cure Exterior Slabs	4,072.00 sf	-	-	0.03 /sf	122	244	-	-	-	366
100	Protect & Cure Slab On Grade	701.00 sf	-	-	0.02 /sf	14	42	-	-	-	56
100	Protect & Cure Exterior Slab	2,970.00 sf	-	-	0.04 /sf	119	208	-	-	-	327
100	Protect & Cure Slab On Grade	724.00 sf	-	-	0.02 /sf	14	51	-	-	-	65
100	Protect & Cure Slab On Grade	724.00 sf	-	-	0.08 /sf	58	51	-	-	-	109
100	Protect & Cure Ext. Slab	2,970.00 sf	-	-	0.04 /sf	119	208	-	-	-	327
100	Protect & Cure Ext. Slab	2,113.00 sf	-	-	0.03 /sf	63	148	-	-	-	211
100	Protect & Cure Slab On Grade	1,401.00 sf	-	-	0.02 /sf	28	98	-	-	-	126
30	4" Exp. Joint Filler	302.00 lf	-	-	0.242 lf	73	196	-	-	-	269
30	4" Exp. Joint Filler	561.00 lf	-	-	0.275 lf	154	365	-	-	-	519
30	4" Exp. Joint Filler @ Ext. Slabs	218.00 lf	-	-	0.275 lf	60	142	-	-	-	203
30	4" Exp. Joint Filler @ S.O.G.	118.00 lf	-	-	0.275 lf	32	77	-	-	-	108
30	4" Exp. Joint Filler @ Slab On Grade	162.00 lf	-	-	0.275 lf	45	105	-	-	-	150
30	4" Exp. Joint Filler @ Ext. Slabs	218.00 lf	-	-	0.275 lf	60	142	-	-	-	202
30	4" Exp. Joint Filler @ Slab On Grade	162.00 lf	-	-	0.275 lf	45	105	-	-	-	150
30	4" Exp. Joint Filler @ Slab On Grade	153.00 lf	-	-	0.275 lf	42	99	-	-	-	142
31	4" Expansion Jt. @ Ext. Slabs	218.00 lf	-	-	0.33 lf	72	142	-	-	-	214
31	4" Expansion Jt. @ Ext. Slabs	122.00 lf	-	-	0.275 lf	34	79	-	-	-	113
40	15 Mil Vapor Barrier @ S.O.G.	1,895.00 sf	-	-	0.033 /sf	63	95	-	-	-	157
40	15 Mil Vapor Barrier	5,353.00 sf	-	-	0.154 /sf	824	268	-	-	-	1,092
40	15 Mil Vapor Barrier	701.00 sf	-	-	0.154 /sf	108	42	-	-	-	150
40	15 Mil Vapor Barrier	724.00 sf	-	-	0.154 /sf	112	43	-	-	-	155
40	15 Mil Vapor Barrier	724.00 sf	-	-	0.154 /sf	112	43	-	-	-	155
40	15 Mil Vapor Barrier	1,401.00 sf	-	-	0.033 /sf	46	70	-	-	-	116
10	Reinforcing Steel	1.00 ton	-	-	1,102.50 /ton	1,103	450	-	-	-	1,553
10	Reinforcing Steel	2.06 ton	-	-	1,102.50 /ton	2,271	927	-	-	-	3,198
10	Reinforcing Steel	0.86 ton	-	-	1,102.50 /ton	948	387	-	-	-	1,335
10	Reinforcing Steel	1.00 ton	-	-	1,102.50 /ton	1,103	450	-	-	-	1,553
10	Reinforcing Steel	1.00 ton	-	-	1,102.50 /ton	1,103	450	-	-	-	1,553
10	Reinforcing Steel	1.30 tons	-	-	1,102.50 /tons	1,433	585	-	-	-	2,018
---	Epoxy Set Rebar	20.00 ea	-	-	4.00 /ea	80	300	-	-	-	380
---	Epoxy Set Dowels	80.00 each	-	-	4.00 /each	320	1,200	-	-	-	1,520
---	Epoxy Dowels @ Thickened Slabs	30.00 ea	-	-	4.00 /ea	120	600	-	-	-	720
---	Epoxy Set Dowels	18.00 ea	-	-	4.00 /ea	72	270	-	-	-	342
---	Epoxy Set Dowels	18.00 each	-	-	4.00 /each	72	270	-	-	-	342
---	Epoxy Set Dowels	24.00 ea	-	-	4.00 /ea	96	360	-	-	-	456
10	6x6 W2.9xW2.9 WWF	2,123.00 sf	-	-	0.33 /sf	701	212	-	-	-	913
10	6x6 W2.9xW2.9 WWF	5,888.00 sf	-	-	0.33 /sf	1,943	588	-	-	-	2,532
10	6x6 W2.9xW2.9 WWF	5,414.00 sf	-	-	0.33 /sf	1,787	541	-	-	-	2,328
10	6x6 W2.9xW2.9 WWF	4,250.00 sf	-	-	0.33 /sf	1,403	425	-	-	-	1,828
10	6x6 W2.9xW2.9 WWF	4,301.00 sf	-	-	0.33 /sf	1,419	430	-	-	-	1,849
10	6x6 W2.9xW2.9 WWF	4,207.00 sf	-	-	0.33 /sf	1,388	421	-	-	-	1,809
20	Place Footing Concrete	20.00 cy	-	-	-	-	320	-	-	-	320
20	Place Footing Concrete	51.00 cy	-	-	-	-	816	-	-	-	816
20	Place Footing Concrete	35.00 cy	-	-	-	-	560	-	-	-	560
20	Place Footing Concrete	33.00 cy	-	-	-	-	528	-	-	-	528
20	Place Footing Concrete	22.00 cy	-	-	-	-	352	-	-	-	352
100	Place & Finish Slabs On Grade	1,895.00 sf	-	-	-	-	1,895	-	-	-	1,895
100	Place & Finish Slabs On Grade	5,353.00 sf	-	-	-	-	3,479	-	-	-	3,479
100	Place & Finish Exterior Slabs	4,072.00 sf	-	-	-	-	2,036	-	-	-	2,036
100	Place & Finish Slabs On Grade	701.00 sf	-	-	-	-	1,052	-	-	-	1,052
100	Place & Finish Exterior Slabs	2,970.00 sf	-	-	-	-	2,228	-	-	-	2,228
100	Place & Finish Slabs On Grade	724.00 sf	-	-	-	-	1,086	-	-	-	1,086
100	Place & Finish Slabs On Grade	701.00 sf	-	-	-	-	2,109	-	-	-	2,109
100	Place & Finish Exterior Slabs	2,970.00 sf	-	-	-	-	2,228	-	-	-	2,228
100	Trowel Finish Ext. Slab	2,113.00 sf	-	-	-	-	2,113	-	-	-	2,113
100	Place & Finish Slab On Grade	1,401.00 sf	-	-	-	-	1,401	-	-	-	1,401
200	Pump Concrete Slab On Grade	4.00 hrs	-	-	-	-	1,925	-	-	-	1,925
200	Pump Concrete @ Slab On Grade	5.00 hrs	-	-	-	-	2,200	-	-	-	2,200
200	Pump Concrete @ Exterior Slab	92.00 cy	-	-	-	-	0	2,200	-	-	2,200
200	Pump Concrete @ Ext. Slab	4.00 hrs	-	-	-	-	-	1,916	-	-	1,916
200	Pump Concrete @ Ext. Slab	4.00 hrs	-	-	-	-	-	1,925	-	-	1,925
200	Pump Concrete @ Ext. Slabs	3.00 hrs	-	-	-	-	-	1,650	-	-	1,650
20	3000 PSI Footings	20.00 cy	-	-	144.90 /cy	2,898	-	-	-	-	2,898
20	3000 PSI Footings	51.00 cy	-	-	144.90 /cy	7,390	-	-	-	-	7,390
20	3000 PSI Footings	35.00 cy	-	-	144.90 /cy	5,072	-	-	-	-	5,072
20	3000 PSI Slab On Grade	11.00 cy	-	-	138.60 /cy	1,525	-	-	-	-	1,525



Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP03.0 Building Concrete</b>											
20	3000 PSI Footings	33.00	cy	-	132.300	icy	4,366	-	-	-	4,366
20	3000 PSI Footings	22.00	cy	-	144.90	icy	3,188	-	-	-	3,188
40	3500 PSI Slab On Grade	25.00	cy	-	140.800	icy	3,520	-	-	-	3,520
40	3500 PSI Concrete @ Ext. Slabs	73.00	cy	-	140.800	icy	10,278	-	-	-	10,278
40	3500 PSI Slab On Grade	92.00	cy	-	140.800	icy	12,954	-	-	-	12,954
40	3500 PSI Slab On Grade	11.50	cy	-	140.800	icy	1,619	-	-	-	1,619
40	3500 PSI Exterior Slab	71.00	cy	-	138.60	icy	9,841	-	-	-	9,841
40	3500 PSI S.O.G.	11.00	cy	-	138.60	icy	1,525	-	-	-	1,525
40	3500 PSI Exterior Slab	71.00	cy	-	138.60	icy	9,841	-	-	-	9,841
40	3500 PSI Slab On Grade	19.00	cy	-	134.40	icy	2,554	-	-	-	2,554
50	4000 PSI Ext. Slab	43.00	cy	-	136.50	icy	5,870	-	-	-	5,870
40	Fine Grade @ Slab On Grade	1,995.00	sf	-	0.03	isf	57	28,425	-	-	28,482
40	Fine Grade @ S.O.G.	5,353.00	sf	-	0.03	isf	161	642	300	-	1,103
40	Fine Grade @ Exterior Slab	4,072.00	sf	-	0.03	isf	122	489	-	-	611
40	Fine Grade For Slab On Grade	701.00	sf	-	0.03	isf	21	84	-	-	105
40	Fine Grade @ Ext. Slab	2,970.00	sf	-	0.03	isf	89	44,550	-	-	44,639
40	Fine Grade @ Slab On Grade	724.00	sf	-	0.03	isf	22	10,860	-	-	10,882
40	Fine Grade @ Ext.	2,970.00	sf	-	0.03	isf	89	356	-	-	446
40	Fine Grade @ Slab On Grade	724.00	sf	-	0.03	isf	22	87	-	-	109
40	Fine Grade @ Slab On Grade	1,401.00	sf	-	0.03	isf	42	168	-	-	210
<b>BP03.0 Building Concrete</b>							<b>120,626</b>	<b>193,600</b>	<b>21,473</b>		<b>335,699</b>
<b>BP04.0 Masonry</b>											
30	Precast Concrete Pier Caps	28.00	EA	-	96.00	/ea	2,688	560	-	-	3,248
30	Precast Concrete Pier Caps	20.00	EA	-	96.00	/ea	1,920	400	-	-	2,320
30	Precast Concrete Pier Caps	20.00	EA	-	96.00	/ea	1,920	400	-	-	2,320
30	Precast Concrete Pier Caps	8.00	EA	-	96.00	/ea	768	160	-	-	928
94	Special Sill Brick	45.00	EA	-	1.08	/ea	49	68	-	-	116
94	Special Sill Brick	60.00	EA	-	1.07	/ea	64	90	-	-	154
94	Accent Brick	2,960.00	EA	-	0.54	/ea	1,598	3,256	-	-	4,854
95	Face Brick	11,760.00	EA	-	0.432	/ea	5,054	12,870	-	-	17,924
95	Face Brick	19,540.00	EA	-	0.428	/ea	8,363	21,494	-	-	29,857
95	Face Brick	15,430.00	EA	-	0.432	/ea	6,666	16,973	-	-	23,639
95	Face Brick	16,341.00	EA	-	0.432	/ea	7,059	17,975	-	-	25,034
95	Face Brick	16,341.00	EA	-	0.428	/ea	6,994	17,975	-	-	24,969
95	Face Brick	13,350.00	EA	-	0.432	/ea	5,767	14,685	-	-	20,452
96	Accent Brick	2,987.00	EA	-	0.54	/ea	1,613	3,286	-	-	4,899
96	Accent Face Brick	6,330.00	EA	-	0.535	/ea	3,387	6,963	-	-	10,350
96	Face Brick #2	1,753.00	EA	-	0.54	/ea	947	1,928	-	-	2,875
96	Accent Brick	1,822.00	EA	-	0.54	/ea	984	2,004	-	-	2,988
96	Accent Brick	1,822.00	EA	-	0.535	/ea	975	2,004	-	-	2,979
99	Special Sill Brick	60.00	EA	-	1.08	/ea	65	90	-	-	155
	Special Sill Brick	120.00	EA	-	1.08	/ea	130	180	-	-	310
	Special Window Sill Brick	543.00	EA	-	1.07	/ea	581	815	-	-	1,396
	Special Sill Brick	105.00	EA	-	1.08	/ea	113	158	-	-	271
20	4" Regular Block	169.00	EA	-	1.436	/ea	243	549	-	-	792
20	4" Regular Block	120.00	EA	-	1.436	/ea	172	390	-	-	562
20	4" Regular Block	120.00	EA	-	1.423	/ea	171	390	-	-	561
20	4" Block	48.00	EA	-	1.436	/ea	69	156	-	-	225
25	6" Regular Block	591.00	EA	-	1.804	/ea	1,066	2,089	-	-	3,154
25	6" Regular Block	1,187.00	EA	-	1.787	/ea	2,121	4,155	-	-	6,276
25	6" Regular Block	215.00	EA	-	1.804	/ea	388	753	-	-	1,140
25	6" Regular Block	214.00	EA	-	1.804	/ea	386	749	-	-	1,135
25	6" Regular Block	214.00	EA	-	1.787	/ea	382	749	-	-	1,131
25	6" Regular Block	1,055.00	EA	-	1.804	/ea	1,903	3,693	-	-	5,595
26	8" Beam Block	15.00	EA	-	2.16	/ea	32	53	-	-	85
26	8" Beam Block	40.00	EA	-	2.14	/ea	86	140	-	-	226
26	8" Beam Block	65.00	EA	-	2.16	/ea	140	228	-	-	368
30	8" Regular Block	4,588.00	EA	-	1.868	/ea	8,572	17,205	-	-	25,777
30	8" Regular Block	6,705.00	EA	-	1.851	/ea	12,412	25,144	-	-	37,555
30	8" Block	4,137.00	EA	-	1.868	/ea	7,730	15,514	-	-	23,243
30	8" Regular Block	4,054.00	EA	-	1.868	/ea	7,574	15,203	-	-	22,777
30	8" Regular Block	4,054.00	EA	-	1.851	/ea	7,504	15,203	-	-	22,707
30	8" Regular Block	3,660.00	EA	-	1.868	/ea	7,212	14,475	-	-	21,687
31	8" Beam Block	310.00	EA	-	2.732	/ea	847	1,163	-	-	2,010
31	8" Beam Block	665.00	EA	-	2.707	/ea	1,800	2,494	-	-	4,294
31	8" Beam Block	194.00	EA	-	2.732	/ea	530	728	-	-	1,258

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment		Other		Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount		
<b>BP04.0 Masonry</b>													
31	8" Beam Block	198.00	ea	-	2,732	/ea	541	743	-	-	-	-	1,284
31	8" Beam Block	198.00	ea	-	2,707	/ea	536	743	-	-	-	-	1,279
31	8" Beam Block	280.00	ea	-	2,732	/ea	765	1,050	-	-	-	-	1,815
32	8" Beam Block 16" High	64.00	ea	-	2,732	/ea	175	240	-	-	-	-	415
32	8" Beam Block 16" High	161.00	ea	-	2,707	/ea	436	604	-	-	-	-	1,040
32	8" Beam Block 16" High	12.00	ea	-	2,733	/ea	33	45	-	-	-	-	78
32	8" Beam Block 16" High	23.00	ea	-	2,733	/ea	63	86	-	-	-	-	149
32	8" Beam Block 16" High	23.00	ea	-	2,707	/ea	62	86	-	-	-	-	149
---	1.5"x6" Cap Block	4.00	ea	-	2.14	/ea	9	14	-	-	-	-	23
10	Concrete Block Fill	19.00	cy	-	140,800	/cy	2,675	2,375	-	-	-	-	5,050
10	Concrete Block Fill	34.00	cy	-	82.50	/cy	2,805	2,380	-	-	-	-	5,185
10	Concrete Block Fill	14.00	cy	-	140,800	/cy	1,971	1,750	-	-	-	-	3,721
10	Concrete Block Fill	9.00	cy	-	140,800	/cy	1,267	1,125	-	-	-	-	2,392
10	Concrete Block Fill	9.00	cy	-	140,800	/cy	1,267	1,125	-	-	-	-	2,392
10	Concrete Block Fill	12.00	cy	-	140,800	/cy	1,690	1,500	-	-	-	-	3,190
10	Clean Brick	1,793.00	sf	-	-	-	-	717	-	-	-	-	717
10	Clean Brick	3,410.00	sf	-	-	-	-	853	-	-	-	-	853
10	Clean Brick	1,970.00	sf	-	-	-	-	788	-	-	-	-	788
10	Clean Brick	2,253.00	sf	-	-	-	-	901	-	-	-	-	901
10	Clean Brick	2,253.00	sf	-	-	-	-	901	-	-	-	-	901
10	Clean Brick	2,186.00	sf	-	-	-	-	874	-	-	-	-	874
20	Clean Block	6,572.00	sf	-	0.05	/sf	329	965	-	-	-	-	1,314
20	Clean Block	10,085.00	sf	-	0.03	/sf	303	1,513	-	-	-	-	1,815
20	Clean Block	1,185.00	sf	-	0.05	/sf	59	178	-	-	-	-	237
20	Clean Block	3,586.00	sf	-	0.05	/sf	179	538	-	-	-	-	717
20	Clean Block	3,586.00	sf	-	0.05	/sf	179	538	-	-	-	-	717
20	Clean Block	3,635.00	sf	-	0.05	/sf	182	654	-	-	-	-	836
10	Regular Mortar	156.00	bag	-	7.35	/bag	1,147	-	-	-	-	-	1,147
10	Regular Mortar	245.00	bag	-	7.49	/bag	1,835	-	-	-	-	-	1,835
10	Regular Mortar	132.00	bag	-	7.35	/bag	970	-	-	-	-	-	970
10	Regular Mortar	128.00	bag	-	7.35	/bag	948	-	-	-	-	-	948
10	Regular Mortar	128.00	bag	-	7.49	/bag	956	-	-	-	-	-	956
10	Regular Mortar	150.00	bag	-	7.56	/bag	1,134	-	-	-	-	-	1,134
12	Colored Mortar	133.00	bag	-	15.75	/bag	2,095	-	-	-	-	-	2,095
12	Colored Mortar	237.00	bag	-	16.05	/bag	3,804	-	-	-	-	-	3,804
12	Colored Mortar	155.00	bag	-	15.75	/bag	2,441	-	-	-	-	-	2,441
12	Colored Mortar	164.00	bag	-	15.75	/bag	2,583	-	-	-	-	-	2,583
12	Colored Mortar	164.00	bag	-	16.05	/bag	2,632	-	-	-	-	-	2,632
12	Colored Mortar	147.00	bag	-	16.20	/bag	2,381	-	-	-	-	-	2,381
20	Masonry Sand	32.00	cy	-	30.80	/cy	986	-	-	-	-	-	986
20	Masonry Sand	55.00	cy	-	29.96	/cy	1,648	-	-	-	-	-	1,648
20	Masonry Sand	32.00	cy	-	30.80	/cy	986	-	-	-	-	-	986
20	Masonry Sand	33.00	cy	-	30.80	/cy	1,016	-	-	-	-	-	1,016
20	Masonry Sand	33.00	cy	-	29.96	/cy	989	-	-	-	-	-	989
20	Masonry Sand	33.00	cy	-	30.24	/cy	998	-	-	-	-	-	998
---	Mortar Net	234.00	lf	-	1.15	/lf	269	351	-	-	-	-	620
---	Mortar Net	178.00	lf	-	1,265	/lf	225	267	-	-	-	-	492
---	Mortar Net	180.00	lnft	-	1,208	/lnft	217	270	-	-	-	-	487
---	Mortar Net	535.00	lf	-	1,265	/lf	677	803	-	-	-	-	1,479
---	Mortar Net	184.00	lf	-	1.15	/lf	212	276	-	-	-	-	488
10	5 Oz. Copper Flash	605.00	sf	-	2.10	/sf	1,271	-	-	-	-	-	1,271
10	5 Oz. Copper Flash	1,040.00	sf	-	2.20	/sf	2,288	-	-	-	-	-	2,288
10	5 Oz. Copper Flash	368.00	sf	-	2.10	/sf	773	-	-	-	-	-	773
10	5 Oz. Copper Flash	379.00	sf	-	2.10	/sf	796	-	-	-	-	-	796
10	5 Oz. Copper Flash	378.00	sf	-	2.20	/sf	834	-	-	-	-	-	834
10	5 Oz. Copper Flash	500.00	sf	-	2.16	/sf	1,080	-	-	-	-	-	1,080
---	Mortar Net	178.00	lnft	-	1.15	/lnft	205	267	-	-	-	-	472
54	2" Rigid Insulation	2,189.00	sf	-	1.375	/sf	3,024	2,189	-	-	-	-	5,223
54	2" Rigid Insulation	4,055.00	sf	-	1.375	/sf	5,576	4,055	-	-	-	-	9,631
54	2" Rigid Insulation	2,256.00	sf	-	1.375	/sf	3,102	2,256	-	-	-	-	5,358
54	2" Rigid Insulation	2,573.00	sf	-	1.375	/sf	3,538	2,573	-	-	-	-	6,111
54	2" Rigid Insulation	2,573.00	sf	-	1.375	/sf	3,538	2,573	-	-	-	-	6,111
54	2" Rigid Insulation	2,560.00	sf	-	1.375	/sf	3,520	2,560	-	-	-	-	6,080
20	6" Wall Reinforcing	200.00	lf	-	0.315	/lf	63	-	-	-	-	-	63
20	6" Wall Reinforcing	410.00	lf	-	0.321	/lf	132	-	-	-	-	-	132
20	6" Wall Reinforcing	510.00	lf	-	0.315	/lf	161	-	-	-	-	-	161
30	8" Wall Reinforcing	1,430.00	lf	-	0.294	/lf	420	-	-	-	-	-	420
30	8" Wall Reinforcing	2,280.00	lf	-	0.30	/lf	683	-	-	-	-	-	683
30	8" Wall Reinforcing	1,224.00	lf	-	0.294	/lf	360	-	-	-	-	-	360

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP04.0 Masonry</b>											
30	8" Wall Reinforcing	898.00	lf	-	0.294 /lf	264	-	-	-	-	264
30	8" Wall Reinforcing	898.00	lf	-	0.308 /lf	277	-	-	-	-	277
30	8" Wall Reinforcing	700.00	lf	-	0.294 /lf	206	-	-	-	-	206
62	15" Cavity Wall Reinforcing	1,931.00	lf	-	0.473 /lf	912	-	-	-	-	912
62	15" Cavity Wall Reinforcing	3,170.00	lf	-	0.482 /lf	1,526	-	-	-	-	1,526
62	15" Cavity Wall Reinforcing	1,765.00	lf	-	0.472 /lf	834	-	-	-	-	834
62	15" Cavity Wall Reinforcing	2,002.00	lf	-	0.473 /lf	946	-	-	-	-	946
62	15" Cavity Wall Reinforcing	2,002.00	lf	-	0.495 /lf	991	-	-	-	-	991
62	15" Cavity Wall Reinforcing	1,990.00	lf	-	0.473 /lf	940	-	-	-	-	940
15	1.5" Perimeter Insulation	736.00	sf	-	0.88 /sf	648	331	-	-	-	979
15	1.5" Perimeter Insulation	1,852.00	sf	-	0.88 /sf	1,630	833	-	-	-	2,463
15	1.5" Perimeter Insulation	496.00	sf	-	0.88 /sf	436	223	-	-	-	660
15	1.5" Perimeter Insulation	612.00	sf	-	0.88 /sf	539	275	-	-	-	814
900	Foam In Place Insulation	128.00	sf	-	11,719 /sf	1,500	-	6	-	-	1,506
902	Foamed In Place Insulation	128.00	sf	-	-	-	1,500	0	-	-	1,500
902	Foamed In Place Insulation	128.00	sf	-	-	-	1,500	6	-	-	1,506
---	Foamed In Place 8" CMU Walls	900.00	sf	-	-	-	1,500	-	-	-	1,500
<b>BP04.0 Masonry</b>							<b>208,740</b>	<b>293,449</b>	<b>13</b>		<b>502,202</b>
<b>BP05.0 Misc. Metals</b>											
10	12"x21" Truss Support Beam	1.00	ea	-	-	-	7,500	-	-	-	7,500
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	11.00	ea	-	-	-	4,675	-	-	-	4,675
21	3.5"x3.5"x3/8"x4'-8" Lintels	7.00	ea	-	-	-	2,975	-	-	-	2,975
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	6.00	ea	-	-	-	2,550	-	-	-	2,550
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	6.00	ea	-	-	-	2,550	-	-	-	2,550
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	4.00	ea	-	-	-	1,700	-	-	-	1,700
21	3.5"x3.5"x3/8"x4'-8" Loose Lintels	11.00	ea	-	-	-	4,675	-	-	-	4,675
---	3.5"x3.5"x3/8"x7'-8" Loose Lintels	1.00	ea	-	-	-	750	-	-	-	750
---	3.5"x3.5"x3/8"x7' Lintels	2.00	ea	-	-	-	1,500	-	-	-	1,500
---	3.5"x3.5"x3/8"x7'-8" Loose Lintels	2.00	ea	-	-	-	1,500	-	-	-	1,500
---	3.5"x3.5"x3/8"x7'-8" Loose Lintels	2.00	ea	-	-	-	1,500	-	-	-	1,500
45	8"x8" Beam & Plate Lintels	1.00	ea	-	-	-	1,500	-	-	-	1,500
45	8"x8" Beam & Plate Lintels	7.00	ea	-	-	-	10,500	-	-	-	10,500
45	8"x8" Beam & Plate Lintels	2.00	ea	-	-	-	3,000	-	-	-	3,000
---	8"x8" Beam & Plate Lintels	2.00	ea	-	-	-	3,500	-	-	-	3,500
---	8"x8" Beam & Plate Lintels	3.00	each	-	-	-	6,600	-	-	-	6,600
---	8"x10" Beam & Plate Lintels	5.00	ea	-	-	-	12,500	-	-	-	12,500
---	8"x10" Beam & Plate Lintels	2.00	ea	-	-	-	5,000	-	-	-	5,000
<b>BP05.0 Misc. Metals</b>							<b>74,475</b>				<b>74,475</b>
<b>BP06.0 Rough Carpentry</b>											
60	Walking Bridge Components	1.00	LS	-	-	-	112,000	-	-	-	112,000
05	Wood Framing - Open air maintenance structure	1.00	LS	1,000.00 /LS	1,000	1,000.00 /LS	1,000	1,000	1,000	1,000	5,000
05	Wood Structure - Soccer scorers box	8.00	each	1,000.00 /each	8,000	1,000.00 /each	8,000	20,000	8,000	8,000	52,000
10	3/4" Marine Plywood	144.00	sf	-	1.21 /sf	174	-	-	-	-	354
10	3/4" Marine Plywood	194.00	sf	-	1.21 /sf	235	243	-	-	-	477
24	5/8" CDX Plywood Roof Sheathing	4,360.00	sf	-	0.605 /sf	2,638	3,270	-	-	-	5,908
5	Wood Framing @ Cupola	670.00	bf	-	1.035 /bf	693	2,345	-	-	-	3,038
5	Wood Framing @ Cupola	1,407.00	bf	-	1.035 /bf	1,456	3,518	-	-	-	4,974
10	Wood Blocking	1,915.00	bf	-	0.977 /bf	992	3,553	-	-	-	4,545
10	Wood Blocking	2,510.00	bf	-	0.978 /bf	2,454	8,785	4,000	-	-	15,239
10	Wood Blocking	1,310.00	bf	-	0.978 /bf	1,281	4,585	-	-	-	5,866
11	Treated Wood Blocking	531.00	bf	-	1.035 /bf	550	1,062	-	-	-	1,612
11	Treated Wood Blocking	1,234.00	bf	-	1.035 /bf	1,277	2,468	-	-	-	3,745
11	Treated Wood Blocking	40.00	bf	-	1.035 /bf	41	80	-	-	-	121
11	Treated Wood Blocking	36.00	bf	-	-	-	108	-	-	-	108
11	Treated Wood Blocking	32.00	bf	-	1.035 /bf	33	128	-	-	-	161
11	Treated Wood Blocking	559.00	bf	-	1.035 /bf	579	1,118	-	-	-	1,697
12	Non-Com Wood Blocking	44.00	bf	-	1.553 /bf	68	132	-	-	-	200
10	Misc. Fasteners, Nails & Joist Hangers	1.00	Isum	-	3,000.00 /sum	3,000	-	-	-	-	3,000
10	Misc. Fasteners, Nails & Truss Hangers	1.00	Isum	-	4,500.00 /sum	4,500	-	-	-	-	4,500
10	Misc. Fasteners, Nails & Joist Hangers	1.00	Isum	-	4,500.00 /sum	4,500	-	-	-	-	4,500
10	Glue Laminated Columns	4.00	ea	-	-	-	14,000	-	-	-	14,000
10	Glue-Laminated Shelter Package	5,720.00	sf	-	-	-	257,400	-	-	-	257,400
10	Glue-Laminated Shelter Package	4,150.00	sf	-	-	-	186,750	-	-	-	186,750



Item	Description	Takeoff Qty	Labor		Material		Subcontract	Name	Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount					
<b>BP07.1 Metal Panels</b>							<b>24,000</b>				<b>24,000</b>
<b>BP07.3 Caulking &amp; Sealants</b>											
20	Air Barrier	3,010.00 sf	-	-	-	-	8,729	-	-	-	8,729
20	Air Barrier	2,577.00 sf	-	-	-	-	7,473	-	-	-	7,473
20	Air Barrier	2,724.00 sf	-	-	-	-	7,900	-	-	-	7,900
20	Air Barrier	2,724.00 sf	-	-	-	-	7,900	-	-	-	7,900
20	Air Barrier	1,770.00 sf	-	-	-	-	5,139	-	-	-	5,139
---	Air Barrier	5,244.00 sf	-	-	-	-	15,208	-	-	-	15,208
10	Caulking	1.00 ls	-	-	-	-	2,500	-	-	-	2,500
10	Caulking	1.00 ls	-	-	-	-	3,000	-	-	-	3,000
10	Caulking	1.00 ls	-	-	-	-	2,000	-	-	-	2,000
10	Caulking	1.00 ls	-	-	-	-	1,500	-	-	-	1,500
10	Caulking	1.00 ls	-	-	-	-	1,800	-	-	-	1,800
10	Caulking	1.00 ls	-	-	-	-	2,500	-	-	-	2,500
<b>BP07.3 Caulking &amp; Sealants</b>							<b>65,642</b>				<b>65,642</b>
<b>BP08.0 Doors / Frames / Hardware</b>											
10	H.M. Doors	11.00 ea	-	-	356.818 /ea	3,925	-	-	-	-	3,925
10	H.M. Doors	12.00 ea	-	-	350.00 /ea	4,200	-	-	-	-	4,200
10	H.M. Doors	6.00 ea	-	-	350.00 /ea	2,100	-	-	-	-	2,100
10	H.M. Doors	6.00 ea	-	-	350.00 /ea	2,100	-	-	-	-	2,100
10	H.M. Doors	5.00 ea	-	-	350.00 /ea	1,750	-	-	-	-	1,750
10	H.M. Doors	4.00 ea	-	-	350.00 /ea	1,400	-	-	-	-	1,400
50	Hollow Metal Door Frames	12.00 ea	-	-	195.833 /ea	2,350	900	-	-	-	3,250
50	Hollow Metal Door Frames	22.00 ea	-	-	200.00 /ea	4,400	1,650	-	-	-	6,050
50	Hollow Metal Door Frames	5.00 ea	-	-	240.00 /ea	1,200	375	-	-	-	1,575
50	Hollow Metal Door Frames	5.00 ea	-	-	240.00 /ea	1,200	375	-	-	-	1,575
50	Hollow Metal Door Frames	5.00 ea	-	-	200.00 /ea	1,000	375	-	-	-	1,375
50	Hollow Metal Door Frames	12.00 ea	-	-	200.00 /ea	2,400	900	-	-	-	3,300
10	Solid Core Wood Doors	2.00 ea	-	-	412.50 /ea	825	-	-	-	-	825
10	Solid Core Wood Doors	11.00 ea	-	-	400.00 /ea	4,400	-	-	-	-	4,400
10	Solid Core Wood Doors	1.00 ea	25.00 /ea	25	400.00 /ea	400	-	-	-	-	425
10	Solid Core Wood Doors	8.00 ea	-	-	400.00 /ea	3,200	-	-	-	-	3,200
10	Finish Hardware	13.00 ea	-	-	350.00 /ea	4,550	1,850	-	-	-	6,500
10	Finish Hardware	23.00 sets	-	-	350.00 /sets	8,050	3,450	-	-	-	11,500
10	Finish Hardware	6.00 sets	-	-	350.00 /sets	2,100	800	-	-	-	3,000
10	Finish Hardware	6.00 sets	-	-	350.00 /sets	2,100	800	-	-	-	3,000
10	Finish Hardware	6.00 sets	-	-	350.00 /sets	2,100	900	-	-	-	3,000
10	Finish Hardware	12.00 ea	-	-	350.00 /ea	4,200	1,800	-	-	-	6,000
<b>BP08.0 Doors / Frames / Hardware</b>							<b>25</b>	<b>59,950</b>	<b>14,475</b>		<b>74,450</b>
<b>BP08.1 Glass &amp; Glazing</b>											
10	Aluminum Storefront Windows	180.00 sf	-	-	-	-	13,500	-	-	-	13,500
10	Aluminum Storefront Windows	372.00 sf	-	-	-	-	27,900	-	-	-	27,900
10	Aluminum Storefront Windows	17.00 sf	-	-	-	-	1,275	-	-	-	1,275
10	Aluminum Storefront Windows	17.00 sf	-	-	-	-	1,275	-	-	-	1,275
10	Aluminum Storefront Windows	8.00 sf	-	-	-	-	600	-	-	-	600
10	Aluminum Storefront Windows	155.00 sf	-	-	-	-	11,700	-	-	-	11,700
---	4'x3'-4" Sliding Transacction Windows	4.00 ea	-	-	-	-	9,400	-	-	-	9,400
---	4'x3'-4" Sliding Transacction Windows	6.00 ea	-	-	-	-	14,100	-	-	-	14,100
<b>BP08.1 Glass &amp; Glazing</b>							<b>79,750</b>				<b>79,750</b>
<b>BP08.2 Overhead &amp; Coiling Doors</b>											
100	Overhead Coiling Counter Shutters	1.00 ea	-	-	-	-	5,000	-	-	-	5,000
n	5 Counter Shutter @ Concessions	2.00 ea	-	-	-	-	11,000	-	-	-	11,000
n	5 Counter Shutter @ Concessions	2.00 ea	-	-	-	-	13,000	-	-	-	13,000

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP08.2 Overhead &amp; Coiling Doors</b>							<b>29,000</b>				<b>29,000</b>
<b>BP09.0 Framing &amp; Drywall</b>											
40	3.5" Faced Batt Insulation R19	750.00 sf	-	-	-	-	1,388	-	-	-	1,388
40	3.5" Faced Batt Insulation R19	700.00 sf	-	-	-	-	1,285	-	-	-	1,285
40	R19 Batt Insulation At Ceilings	725.00 sf	-	-	-	-	1,831	-	-	-	1,831
10	Drywall Ceilings	2,100.00 sf	-	-	-	-	15,750	-	-	-	15,750
10	Drywall Ceilings	4,100.00 sf	-	-	-	-	30,750	-	-	-	30,750
10	5/8" Drywall Ceilings	1,100.00 sf	-	-	-	-	8,250	-	-	-	8,250
10	5/8" Drywall Ceilings	591.00 sf	-	-	-	-	4,433	-	-	-	4,433
10	5/8" Drywall Ceilings	800.00 sf	-	-	-	-	4,500	-	-	-	4,500
10	5/8" Drywall Ceilings	550.00 sf	-	-	-	-	4,125	-	-	-	4,125
---	5/8" Gyp/1.5" Furring Hat Channels	828.00 sf	-	-	-	-	8,608	-	-	-	8,608
---	5/8" Gyp/3.62" Metal Studs/5/8" Gyp/Batt Ins.	445.00 sf	-	-	-	-	3,560	-	-	-	3,560
---	5/8" Sheathing & 6" Batt Insulation	325.00 sf	-	-	-	-	1,625	-	-	-	1,625
---	5/8" Sheathing & 6" Batts @ Cupola	1,625.00 sf	-	-	-	-	8,125	-	-	-	8,125
---	5/8" Gyp/3.62 Metal Studs/5/8" Gyp/Batt Ins.	1,350.00 sf	-	-	-	-	11,475	-	-	-	11,475
---	5/8" Gyp/1.5" Furring Hat Channels	1,350.00 sf	-	-	-	-	10,800	-	-	-	10,800
---	Gyp Sheathing & 6" Batt Insulation @ Cupola	350.00 sf	-	-	-	-	1,750	-	-	-	1,750
---	5/8" Gyp/3.62" Metal Studs/5/8" Gyp/Batt Ins.	1,100.00 sf	-	-	-	-	9,350	-	-	-	9,350
---	5/8" Gyp & 1.5" Furring Hat Channels	1,100.00 sf	-	-	-	-	8,800	-	-	-	8,800
---	5/8" Gyp/3.62" Metal Studs/5/8" Gyp/Batt Ins.	400.00 3	-	-	-	-	3,400	-	-	-	3,400
<b>BP09.0 Framing &amp; Drywall</b>							<b>137,614</b>				<b>137,614</b>
<b>BP09.1 Painting</b>											
10	Sub multiple mobilization	1.00 LS	-	-	-	-	7,255	-	-	-	7,255
10	Paint Drywall Ceilings	1,500.00 sf	-	-	-	-	2,250	-	-	-	2,250
10	Paint Drywall Ceilings	800.00 sf	-	-	-	-	1,200	-	-	-	1,200
10	Paint Drywall Ceilings	800.00 sf	-	-	-	-	1,200	-	-	-	1,200
10	Paint Drywall Ceilings	800.00 sf	-	-	-	-	900	-	-	-	900
10	Paint Drywall Ceilings	1,750.00 sf	-	-	-	-	2,625	-	-	-	2,625
10	Sub Multiple Mobilization	1.00 LS	-	-	-	-	15,000	-	-	-	15,000
10	Misc. Painting	2,000.00 sf	-	-	-	-	3,000	-	-	-	3,000
---	Paint Drywall Partitions	2,000.00 sf	-	-	-	-	3,000	-	-	-	3,000
---	Paint CMU Partitions	7,500.00 sf	-	-	-	-	12,375	-	-	-	12,375
---	Paint Hollow Metal Doors	11.00 ea	-	-	-	-	1,100	-	-	-	1,100
---	Paint Hollow Metal Frames	12.00 ea	-	-	-	-	900	-	-	-	900
---	Paint Drywall Partitions	6,800.00 sf	-	-	-	-	10,200	-	-	-	10,200
---	Paint H.M. Frames	21.00 ea	-	-	-	-	1,575	-	-	-	1,575
---	Paint 3x7' H.M. Doors	14.00 ea	-	-	-	-	1,400	-	-	-	1,400
---	Paint CMU Partitions	7,485.00 sf	-	-	-	-	12,350	-	-	-	12,350
---	Paint/Stain MDO Plywood @ Cupola	784.00 sf	-	-	-	-	5,488	-	-	-	5,488
---	Paint 12"x12"x12" Steel Columns	6.00 ea	-	-	-	-	2,100	-	-	-	2,100
---	Paint CMU Walls	2,240.00 sf	-	-	-	-	3,696	-	-	-	3,696
---	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	450	-	-	-	450
---	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	250	-	-	-	250
---	Paint CMU Walls	2,500.00 sf	-	-	-	-	4,125	-	-	-	4,125
---	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	450	-	-	-	450
---	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	250	-	-	-	250
---	Paint CMU Partitions	2,540.00 sf	-	-	-	-	4,191	-	-	-	4,191
---	Paint Hollow Metal Doors	6.00 ea	-	-	-	-	450	-	-	-	450
---	Paint Hollow Metal Frames	5.00 ea	-	-	-	-	250	-	-	-	250
---	Paint Drywall Partitions	1,100.00 sf	-	-	-	-	1,650	-	-	-	1,650
---	Paint CMU Partitions	6,750.00 sf	-	-	-	-	11,813	-	-	-	11,813
---	Paint 12"x12"x9" Steel Columns	4.00 ea	-	-	-	-	1,400	-	-	-	1,400
---	Paint Hollow Metal Doors	7.00 ea	-	-	-	-	525	-	-	-	525
---	Paint Hollow Metal Frames	12.00 ea	-	-	-	-	600	-	-	-	600
<b>BP09.1 Painting</b>							<b>114,018</b>				<b>114,018</b>
<b>BP09.2 Acoustical Ceilings</b>											
10	2x2' Acoustical Ceilings & Grid	408.00 sf	-	-	-	-	1,530	-	-	-	1,530
10	2x2' Acoustical Ceilings & Grid	865.00 sf	-	-	-	-	3,244	-	-	-	3,244
10	2x2' Acoustical Ceilings & Grid	878.00 sf	-	-	-	-	3,293	-	-	-	3,293



Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount	
<b>BP09.2 Acoustical Ceilings</b>							<b>8,066</b>				<b>8,066</b>	
<b>BP09.3 Flooring</b>												
10	Thin Set Ceramic Tile	106.00	sf	-	-	-	1,560	-	-	-	1,560	
10	Thin Set Ceramic Tile	108.00	sf	-	-	-	1,620	-	-	-	1,620	
20	Tile Base	59.00	lf	-	-	-	1,062	-	-	-	1,062	
20	Tile Base	59.00	lf	-	-	-	1,062	-	-	-	1,062	
10	VCT	148.00	sf	-	-	-	2,220	-	-	-	2,220	
10	VCT	918.00	sf	-	-	-	13,740	-	-	-	13,740	
30	Rubber Base	143.00	lf	-	-	-	250	-	-	-	250	
30	Rubber Base	578.00	sf	-	-	-	1,012	-	-	-	1,012	
30	Rubber Base	318.00	lf	-	-	-	557	-	-	-	557	
10	Carpet	44.00	sy	-	-	-	1,232	-	-	-	1,232	
10	Carpet	261.00	sy	-	-	-	7,308	-	-	-	7,308	
20	Carpet Tile	33.00	sy	-	-	-	924	-	-	-	924	
<b>BP09.3 Flooring</b>							<b>32,576</b>				<b>32,576</b>	
<b>BP10.0 Toilet Partitions &amp; Accessories</b>												
10	Toilet Partitions	8.00	ea	-	-	700.00 /ea	5,600	2,000	-	-	7,600	
10	Toilet Partitions	9.00	ea	-	-	700.00 /ea	6,300	2,250	-	-	8,550	
10	Toilet Partitions	5.00	ea	-	-	700.00 /ea	3,500	1,250	-	-	4,750	
10	Toilet Partitions	6.00	ea	-	-	700.00 /ea	4,200	1,500	-	-	5,700	
10	Toilet Partitions	6.00	ea	-	-	700.00 /ea	4,200	1,500	-	-	5,700	
10	Urinal Screens	1.00	ea	-	-	250.00 /ea	250	100	-	-	350	
10	Urinal Screens	2.00	ea	-	-	250.00 /ea	500	200	-	-	700	
10	Urinal Screens	2.00	ea	-	-	250.00 /ea	500	200	-	-	700	
10	Urinal Screens	2.00	ea	-	-	250.00 /ea	500	200	-	-	700	
10	Toilet Accessories	35.00	ea	-	-	225.143 /ea	7,880	875	-	-	8,755	
10	Toilet Accessories	52.00	ea	-	-	230.769 /ea	12,000	1,300	-	-	13,300	
10	Toilet Accessories	25.00	ea	-	-	252.40 /ea	6,310	625	-	-	6,935	
10	Toilet Accessories	25.00	ea	-	-	252.40 /ea	6,310	625	-	-	6,935	
10	Toilet Accessories	25.00	ea	-	-	252.88 /ea	6,322	625	-	-	6,947	
10	Toilet Accessories	11.00	ea	-	-	148,182 /ea	1,630	275	-	-	1,905	
<b>BP10.0 Toilet Partitions &amp; Accessories</b>							<b>66,502</b>	<b>13,725</b>			<b>80,227</b>	
<b>BP10.1 Lockers</b>												
10	Lockers	8.00	ea	-	-	-	2,486	-	-	-	2,486	
10	Lockers	10.00	ea	-	-	-	2,982	-	-	-	2,982	
10	Single Tier Lockers	12.00	ea	-	-	-	5,228	-	-	-	5,228	
10	Locker Room Benches (with above)	1.00	ea	-	-	-	2,200	-	-	-	2,200	
10	Locker Room Benches (w/above)	1.00	ea	-	-	-	2,500	-	-	-	2,500	
10	Locker Room Benches (with above)	1.00	ea	-	-	-	2,500	-	-	-	2,500	
<b>BP10.1 Lockers</b>							<b>17,907</b>				<b>17,907</b>	
<b>BP10.2 Fire Extinguishers</b>												
10	Fire Extinguisher & Cabinet Allowance	4.00	ea	-	-	-	1,400	-	-	-	1,400	
10	Fire Extinguisher & Cabinet Allowance	3.00	ea	-	-	-	1,050	-	-	-	1,050	
10	Fire Extinguisher & Cabinet Allowance	1.00	ea	-	-	-	350	-	-	-	350	
10	Fire Extinguisher & Cabinet Allowance	1.00	ea	-	-	-	350	-	-	-	350	
10	Fire Extinguisher & Cabinet Allowance	1.00	ea	-	-	-	350	-	-	-	350	
10	Fire Extinguisher & Cabinet Allowance	3.00	ea	-	-	-	1,050	-	-	-	1,050	
<b>BP10.2 Fire Extinguishers</b>							<b>4,550</b>				<b>4,550</b>	
<b>BP10.3 Signage</b>												
30	Monument sign w/ Cast Aluminum Letters	1.00	each	-	-	-	14,500	-	-	-	14,500	
30	Way finding signage	1.00	LS	-	-	-	25,000	-	-	-	25,000	

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Amount
<b>BP10.3 Signage</b>											
125	Building Signage Allowance	1.00	ls	-	-	-	-	1,200	-	-	1,200
125	Signage (Allowance)	1.00	ls	-	-	-	-	3,000	-	-	3,000
125	Building Signage Allowance	1.00	ls	-	-	-	-	750	-	-	750
125	Building Signage Allowance	1.00	ls	-	-	-	-	500	-	-	500
125	Building Signage Allowance	1.00	ls	-	-	500.00	fs	500	-	-	500
125	Building Signage Allowance	1.00	ls	-	-	-	-	1,200	-	-	1,200
---	Exterior Bracket Board Allowance	1.00	ea	-	-	-	-	800	-	-	800
---	Exterior Info Board Allowance	1.00	ea	-	-	-	-	500	-	-	500
							<b>500</b>	<b>47,450</b>			<b>47,950</b>
<b>BP10.4 Flagpoles</b>											
10	Flagpole	5.00	each	1,200.00	/each	-	-	-	-	-	6,000
							<b>6,000</b>				<b>6,000</b>
<b>BP10.5 Operable Partitions</b>											
10	12' Horizontal Sliding Accordion Doors	1.00	ea	-	-	-	-	4,000	-	-	4,000
							<b>4,000</b>				<b>4,000</b>
<b>BP10.6 Canopies</b>											
---	Wall Hung Aluminum Canopies	510.00	sf	-	-	-	-	47,500	-	-	47,500
---	Wall Hung Aluminum Canopies	215.00	sf	-	-	-	-	28,000	-	-	28,000
10	Wall Hung Canopy	90.00	sf	-	-	-	-	11,700	-	-	11,700
							<b>87,200</b>				<b>87,200</b>
<b>BP11.1 Athletic Equipment</b>											
50	Baseball/Softball Foul Poles	8.00	each	-	-	-	-	40,000	-	-	40,000
10	Basketball Goals	4.00	each	-	-	-	-	20,000	-	-	20,000
25	Pickleball Nets & Standards	4.00	sets	0.00	0	-	-	12,000	-	-	12,000
25	Tennis Poles Nets & Standards	4.00	2500	0.00	0	-	-	12,000	-	-	12,000
45	Scoreboards - standard	9.00	each	-	-	-	-	90,000	-	-	90,000
45	Scoreboard - LED	1.00	each	-	-	-	-	50,000	-	-	50,000
							<b>224,000</b>				<b>224,000</b>
<b>BP11.2 Kitchen Equipment</b>											
10	Stainless Steel Countertops	88.00	sf	-	-	-	-	2,840	-	-	2,840
---	Stainless Steel Countertops	110.00	sf	-	-	-	-	3,850	-	-	3,850
							<b>6,490</b>				<b>6,490</b>
<b>BP12.0 Site Amenities</b>											
50	Concrete Bike rack pads	73.00	SF	-	-	-	-	511	-	-	511
10	Trash Receptacles	33.00	each	-	-	-	-	28,700	-	-	28,700
30	Bike Racks	2.00	each	-	-	-	-	2,200	-	-	2,200
							<b>32,411</b>				<b>32,411</b>
<b>BP12.1 Roller Shades</b>											
50	Manual Roller Shades	3.00	ea	-	-	-	-	450	-	-	450
50	Manual Roller Shades	3.00	ea	-	-	-	-	1,350	-	-	1,350
50	Manual Roller Shades	7.00	ea	-	-	-	-	1,050	-	-	1,050

Item	Description	Takeoff Qty	Labor		Material		Subcontract	Equipment	Other	Total
			Unit Cost	Amount	Unit Cost	Amount	Amount	Amount	Amount	Amount
<b>BP12.1 Roller Shades</b>							<b>2,850</b>			<b>2,850</b>
<b>BP13.0 Splashpad</b>										
30	Splashpad broom Sidewalk	6,024.00	ef				36,144			36,144
30	Splashpad integral colored concrete	4,902.00	ef				44,118			44,118
10	Splash pad concrete	4,827.00	SF				69,405			69,405
10	Splashpad equipment	1.00	LS				75,000			75,000
<b>BP13.0 Splashpad</b>							<b>224,667</b>			<b>224,667</b>
<b>BP15.2 Plumbing</b>										
10	Plumbing (28 fixtures)	2,175.00	ef				36,975			36,975
10	Plumbing (40 fixtures)	6,197.00	sf				105,349			105,349
10	Plumbing (18 fixtures)	875.00	sf				14,875			14,875
10	Plumbing (19 fixtures)	875.00	ef				14,875			14,875
10	Plumbing (18 fixtures)	875.00	ef				14,875			14,875
10	Plumbing (11 fixtures)	1,600.00	ef				27,200			27,200
<b>BP15.2 Plumbing</b>							<b>214,149</b>			<b>214,149</b>
<b>BP15.3 Mechanical</b>										
10	Wall louvers	1.00	ea		0.00	0	3,315			3,315
10	HVAC	2,178.00	ef				51,138			51,138
10	HVAC	6,197.00	sf				145,830			145,830
10	HVAC	875.00	sf				20,563			20,563
10	HVAC	875.00	ef				20,563			20,563
10	HVAC	875.00	sf				20,563			20,563
10	HVAC	1,600.00	ef				37,600			37,600
<b>BP15.3 Mechanical</b>							<b>299,368</b>			<b>299,368</b>
<b>BP16.0 Electrical</b>										
10	Electrical	2,178.00	sf				43,520			43,520
10	Electrical	5,931.00	ef				118,620			118,620
10	Electrical	875.00	ef				17,500			17,500
10	Electrical	875.00	ef				17,500			17,500
10	Electrical	875.00	ef				17,500			17,500
10	Electrical	3,750.00	ef				56,250			56,250
10	Site Lighting	1.00	lum				75,000			75,000
10	Maintenance bldg Electrical Service	5.00	lum				25,000			25,000
10	Maintenance bldg Electrical Service	10.00	lum				75,000			75,000
10	Charging trees (phone chargers)	4.00	lum				60,000			60,000
10	Car charging stations	3.00	lum				300,000			300,000
10	Audio system / Conduits	1.00	lum				50,000			50,000
10	Conduits for Data	1.00	lum				50,000			50,000
<b>BP16.0 Electrical</b>							<b>905,890</b>			<b>905,890</b>

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total	
Labor	15,025				158,158	/ac	0.07%	
Material	547,227				5,760,281	/ac	2.53%	
Subcontract	<u>21,009,530</u>				<u>221,152,952</u>	/ac	96.96%	
	21,571,782	21,571,782			227,071,389	/ac	99.56% #####	
Equipment	47,686				501,958	/ac	0.22%	
Other	<u>9,000</u>				<u>94,737</u>	/ac	0.04%	
	56,686	21,628,468			227,668,084	/ac	0.26% #####	
SALES TAX	39,674			#### %	C	417,620	/ac	0.18%
<b>Total</b>		<b>21,668,142</b>			<b>#####</b>	<b>/ac</b>		