



Item No. 15 Town of Atherton

CITY COUNCIL STAFF REPORT – REGULAR AGENDA

**TO: HONORABLE MAYOR AND CITY COUNCIL
GEORGE RODERICKS, CITY MANAGER**

THROUGH: ROBERT OVADIA, PUBLIC WORKS DIRECTOR

**FROM: MARTY HANNEMAN, INTERWEST CONSULTING GROUP
PROJECT MANAGER**

DATE: JUNE 20, 2018

**SUBJECT: RECEIVE THE BIDS SUBMITTED FOR THE CIVIC CENTER
PROJECT AND TAKE ACTION ON NEXT STEPS WITH RESPECT
TO THE BIDS**

RECOMMENDATION

Receive the bids submitted from the two pre-qualified general contractors: Overaa Construction and Hensel Phelps Construction on June 5, 2018 and take action on next steps for the Civic Center project. While Option 1 would be an award of bid to the lowest responsive bidder, Overaa Construction at \$56,381,000, staff does not recommend this option. Recommended options for next steps include:

- 2) Reject bids and rebid the project “as is” to the open market;
- 3) Reject bids, redesign to include more VE options and either –
 - a. Repackage current project into an “optional” phases award option, and rebid to open market; or
 - b. Reduce project scope and rebid to open market;
- 4) Reject bids and repackage as a “design-build” option.

BACKGROUND

On March 18, 2018 City Council authorized staff to issue the project plans, specification and estimate (PS&E) i.e., the Construction Documents (CD’s) for public bid to the pre-qualified General Contractors.

Per the Mack5 Project Schedule (Attachment 1), bids were to be received on May 22, 2018 and the lowest responsive base bidder recommended for award to City Council on June 6, 2018. However, during the week of May 14, 2018 staff received requests from both Overaa Construction and Hensel Phelps to extend the bid date due to their subcontractors requiring additional time to

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review the bid docs. If the bid date did not get extended, both contractors indicated they may not submit a bid. On May 17, 2018 both contractors were notified that the bid date would be extended another two weeks to Tuesday June 5, 2018 at 2 PM. On June 5, 2018, staff received and opened in public the two bids received from Overaa Construction (Attachment 2) and Hensel Phelps Construction (Attachment 3).

Per the latest Mack 5 estimate (Attachment 4) the total construction costs for the new City Hall/PD building, new Library, renovation of the heritage Town Hall and associated site improvements was \$40.5M.

The lowest responsive base bid is based on the total Lump Sum for three (3) bid items and cannot be accepted individually or changed after bid opening.

	Component	Gross SF	Estimate	Overaa	Hensel Phelps
Item No. 1	Admin/PD	28910	\$ 17,225,000	\$ 38,381,000	\$ 33,836,000
Per SF			\$ 596	\$ 1,328	\$ 1,170
Item No. 2	Library	12179	\$ 11,809,000	\$ 10,000,000	\$ 20,910,000
Per SF			\$ 970	\$ 821	\$ 1,717
Item No. 3	Site Development	210686	\$ 11,444,000	\$ 8,000,000	\$ 13,874,000
Per SF	(59% Admin/PD & 41% Library)		\$ 54	\$ 38	\$ 66
	Total		\$ 40,478,000	\$ 56,381,000	\$ 68,620,000
Deduct Alt	#1 Hydroseed		\$ (300,000)	\$ (160,000)	\$ (177,000)
	#8 Chambers		\$ (1,402,000)	\$ (1,250,000)	\$ (1,860,000)
	Total		\$ 38,776,000	\$ 54,971,000	\$ 66,583,000

Overaa's base bid for these three (3) items was \$56,381,000, approximately 40% higher than the Mack5 estimate. Hensel Phelp's base bid for these three (3) items was \$68,620,000, approximately 70% higher than the Mack5 estimate.

Upon review of the proposals submitted by Overaa and Hensel Phelps, both were deemed responsive, with Overaa being the lowest responsive bid. However, even with the four deduct alternates for hydroseed (#1 Admin/PD - \$160,000 and #10 Library - \$225,000), #9 - cypress in lieu for teak in the Library (\$250,000) and #8 - not doing the Council Chambers (\$1,250,000), which totals \$1,885,000, the overall total Overaa price would still be \$54,496,000.

Staff is still reviewing the bid from Overaa to determine the high discrepancy of 40% from the Mack5 estimate. Paul Beamer from Mack5 will be at the June 20 City Council meeting to address this.

On Wednesday June 6, staff met with representatives from Atherton NOW (Didi Fisher, Sandy Levison, and an interested donor) to discuss the bids received. All were shocked at the bid results and the bizarreness of the bid detail by item. The Library, which is clearly the more complicated of the facilities given the energy make-up, flooring, walls, etc. was bid 15% lower than estimates by one bidder and 77% high by the other. A similar result on the site development although to a lesser degree. Overall, the low bid was 40% higher than the estimate. The Atherton Now

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representatives suggested that the Town investigate the possibility of a “design-build” option with the possibility of using the current set of plans as a starting point and reducing the scope of the project to fit within an acceptable budget. That budget target was loosely identified as \$45-\$46 million. Alternatives such as rebidding the project as a split bid to allow the Town to accept a bid and move forward with the Library was also discussed.

Also on June 6, staff met with the Project Management Committee (PMC) from the Civic Center Advisory Committee (Steve Dostart, Rose Hau, former member Clive Merredew, and Elizabeth Lewis). Representatives from WRNS and Mack5 were also present. The group discussed the bids and came to similar conclusions as the Atherton Now group. The low bid was clearly too high to accept. Options discussed were:

- 1) Award to the current low bidder – Overaa with an immediate change order to reduce the scope of the project;
- 2) Reject bids and rebid the project “as is” to the open market;
- 3) Reject bids, redesign to include more VE options and either –
 - a. Repackage current project into an “optional” phases award option, and rebid to open market; or
 - b. Reduce project scope and rebid to open market;
- 4) Reject bids and repackage as a “design-build” option.

Option 1 – This option would require the Town to award the contract to the lowest responsive bidder – Overaa at \$56.3 million and immediately direct staff to work with the contractor and architect to reduce the scope and budget to an identified number. However, until that number and agreement is reached, a Notice to Proceed is not issued. Staff, the architect, and contractor work to revise the scope of the project per budget and direction; a subsequent change order and then Notice to Proceed are issued. If staff and the contractor cannot reach an agreement on the scope of changes, the Town would terminate the contract before it proceeds. Risk involves a challenge from the next responsive bidder and/or a challenge from Overaa in some way for a share of the value engineering savings. *This option is not recommended.*

Option 2 – This option involves a rejection of all bids and a rebid of the project “as is” but a rebid to the open market instead of a pre-qualified list. At a different time in the bid climate, this option may yield lower results, but at this time and in this area, the market is very robust and is not showing any signs of slowing down. The option may not yield any lower bids. This is the main reason only two of the five prequalified contractors submitted bids. *This option is not recommended.*

Option 3 – This option involves a rejection of all bids and a redesign of the project to incorporate more value engineering options for the bid. Options 3a and 3b offer different approaches moving forward.

Option 3a would repackage the bid into distinct building packages so that they could be bid independently, and the Town could award only one building and rebid the other, if desired at a later date. Additional value engineering options would be provided, but the project would not be

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reduced in its scope as a base bid at this time. The project would be bid such that the Town could award the Library *or* the Admin/PD portion of the project *or* the Town could award the Library *and* Admin/PD together. The possibility of a combined award must be identified in the bid and the low bid will be the combined project regardless of whether the Library or Admin/PD alone is lower than when included together. The buildings and site work would have to be designed to function independently. ***This option is not recommended.***

Option 3b – This option is similar to Option 3a except that staff, the design team and the Project Management Committee (PMC) take some time to evaluate the bids received and suggested value engineering items provided by the bidders, evaluate and revise the plans to incorporate some of the items as part of the base bid, and reduce the overall scope of the project for both the Library and Admin/PD to meet the budget target established by the Council using current bid climate indicators (\$'s) as a guide. An independent award approach similar to Option 3a could also be included if desired. Staff anticipates that this option could be completed by December 2018 through an expedited review and redesign process to get the project back out to bid by the end of the calendar year. A scope of work from WRNS would need to be approved to initiate this option. ***This option is recommended.***

Option 4 – This option involves a full redesign of the project using the design-build delivery method. This option would require the Town to conduct a Request for Qualifications (RFQ) for qualified General Contractors (GC) that are teamed with a design architect. Once a list of prequalified GC/Architect teams have been approved by City Council, staff would release a Request for Proposals (RFP) to have them submit bids on providing the redesigns necessary to meet the City Councils target budget. A design-build delivery method would not involve WRNS as they would be legally precluded from participating. This process could also take considerably more time (9 to 12 months or more) and could take significant funds to initiate. In a design-build model, City Council would establish a budget target and the Town would lose a large amount of control over the design and systems of the buildings. ***This option is not recommended.***

On June 14, 2018 staff and the design team held another meeting with the PMC and Didi Fisher, representing Atherton Now, to discuss the above options. After much discussion, the PMC recommended that the Council consider only Options 2, 3, and 4 above as Option 1 presents some significant challenges. The PMC unanimously recommended Option 3b with the goal of having revised bid documents to the Council by December 2018. If selected, it is anticipated that the Council would approve scope of work from WRNS to begin working with staff and the PMC to evaluate value engineering options and reduce the scope of both the Library and Admin/PD buildings as part of the base bid. The PMC would be assist staff in reviewing options to incorporate. Prior to initiating final redesign and scope reduction there would be a “check-in” with the Council for review. Once authorized, WRNS would make final changes and prepare new bid documents.

Council action is required to authorize staff to proceed with one of these options. Staff and the PMC recommend that the Council select Option 3b.

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Project Funding

Atherton Now's Monthly Fundraising Update is attached (Attachment 6). Atherton Now has sufficient contributions to allow the project to move through all design phases. Atherton Now maintains a public website at <http://atherton-now.org/> that provides information on the project, a project video, and information on the campaign status.

POLICY ISSUES

There are no policy issues associated with this report.

FISCAL IMPACT

Attachment 6 is a summary of the project finances via the Monthly Budget Summary.

PUBLIC NOTICE

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town's electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town's electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials. The Town maintains an active and up to date Project Website at <http://ca-atherton.civicplus.com/index.aspx?NID=290>.

COMMISSION/COMMITTEE FEEDBACK/REFERRAL

This item ___ has or ___X has not been before a Town Committee or Commission.

- ___ Audit/Finance Committee (meets every other month)
- ___ Bicycle/Pedestrian Committee (meets as needed)
- ___ Civic Center Advisory Committee (meets as needed)
- ___ Environmental Programs Committee (meets every other month)
- ___ Park and Recreation Committee (meets each month)
- ___ Planning Commission (meets each month)
- ___ Rail Committee (meets every other month)
- ___ Transportation Committee (meets every other month)

ATTACHMENTS

Attachment 1: Mack5 Project Schedule 4-5-18

Attachment 2: C. Overaa & Co. Bid dated: 6-5-18

Attachment 3: Hensel Phelps Construction Co. bid dated: 6-5-18

Attachment 4: Mack 5 Civic Center Cost Estimate dated: 3-26-18

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Attachment 5: Atherton NOW Monthly Report-May 2018

Attachment 6: Monthly Budget Summary

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Attachment 6

Monthly Budget Summary

Fund Allocations	Library Fund	Building Facilities Fund	General Fund	Civic Center Donations	Total
FY 17-18 Budget	\$4,568,071	\$1,573,849	\$881,500	\$4,049,218	\$11,072,638
Expenditures to Date					
Design	\$969,947	\$406,543	\$581,357	\$2,425,990	\$4,383,838
Project Management	\$396,753	\$172,862	\$43,622	\$594,177	\$1,207,413
Geo-Tech/Environmental	\$47,259	\$91,321	\$53,174	\$0	\$191,754
Totals	\$1,413,959	\$670,726	\$678,154	\$3,020,167	\$5,783,005
Remaining FY 17-18 Budget	\$3,154,112	\$903,124	\$203,346	\$1,029,051	\$5,289,633

Atherton Now Cash Donations (Received)	Amount
Master Plan & Conceptual Design Phases 1 & 2	\$250,457
Schematic Design Phase 3	\$200,838
Design Development	\$506,870
Construction Documents Phase	\$783,026
Total Contributions to Date	\$1,741,191

Atherton Civic Center - Atherton

Project Schedule - April 5, 2018



ID	Task Name	Duration	Start	Finish	P	Ma
1	ACC Documentation	0 days	Mon 6/30/14	Mon 6/30/14		3/4 3/11
2	Project Setup & Initiation	204 days	Wed 7/23/14	Mon 5/4/15		
34						
35	Design Phase	767 days	Tue 4/7/15	Wed 3/14/18		
36	Master Plan Review & Programming	105 days	Tue 4/7/15	Mon 8/31/15		
44						
45	Conceptual Design	90 days	Tue 5/5/15	Mon 9/7/15		
54						
55	Schematic Design	155 days	Fri 10/16/15	Fri 5/20/16		
71						
72	Design Development	176 days	Mon 6/6/16	Tue 2/7/17		
88						
89	Construction Documents	279 days	Thu 2/16/17	Wed 3/14/18		
113						
114	Town Approvals	667 days	Tue 9/1/15	Wed 3/21/18		
115	Design Review	667 days	Tue 9/1/15	Wed 3/21/18		
116	Programming	10 days	Tue 9/1/15	Mon 9/14/15		
119	Conceptual Design	22 days	Tue 9/8/15	Wed 10/7/15		
122	Schematic Design	10 days	Mon 5/23/16	Fri 6/3/16		
125	Design Development	21 days	Thu 1/19/17	Thu 2/16/17		
128	Construction Documents	194 days	Fri 6/23/17	Wed 3/21/18		
135						
136	Entitlements	341 days	Wed 7/23/14	Wed 11/11/15		
148						
149	Permitting	468 days	Fri 5/20/16	Wed 3/7/18		
150	Atherton Civic Center	468 days	Fri 5/20/16	Wed 3/7/18		
163						
164	Bidding Phase	303 days	Mon 4/24/17	Wed 6/20/18		
165	Bidding	303 days	Mon 4/24/17	Wed 6/20/18		
166	Issue Contractor RFQ	0 days	Mon 4/24/17	Mon 4/24/17		
167	RFQ Q&A	40 days	Mon 4/24/17	Fri 6/16/17	166	
168	Contractor SOQ Due	0 days	Thu 6/29/17	Thu 6/29/17		
169	Issue Documents for Bidding	0 days	Thu 3/22/18	Thu 3/22/18	134FS+1 day	
170	Pre Bid Conference	0 days	Thu 4/5/18	Thu 4/5/18	169FS+10 days	
171	Bidding	43 days	Fri 3/23/18	Tue 5/22/18	169	
172	Final Day to Submit Questions	0 days	Tue 5/8/18	Tue 5/8/18	171FS-11 days	
173	Final Addendum Issued	0 days	Tue 5/15/18	Tue 5/15/18	172FS+6 days	
174	Receive Bids	0 days	Tue 5/22/18	Tue 5/22/18	171	
175	Evaluate Bids	5 days	Wed 5/23/18	Tue 5/29/18	174	
176	Town Approval	0 days	Wed 6/6/18	Wed 6/6/18	175FS+6 days	
177	Execute Construction Agreement	2 wks	Thu 6/7/18	Wed 6/20/18	176	
178						
179	Construction Phase	862 days	Tue 3/28/17	Wed 7/15/20		
180	Construction	862 days	Tue 3/28/17	Wed 7/15/20		
181	Notice to Proceed	0 days	Wed 6/20/18	Wed 6/20/18	177,227,228,229,16	
182	Kick-off Meeting	0 days	Wed 6/20/18	Wed 6/20/18	181	
183	Ground Breaking Ceremony	0 days	Wed 6/27/18	Wed 6/27/18	182FS+5 days	
184	Construction	540 days	Thu 6/21/18	Wed 7/15/20	182	
185	FFE Installation	120 days	Thu 1/30/20	Wed 7/15/20		
186	FFE Purchasing: Start	0 days	Thu 1/30/20	Thu 1/30/20	184FS-6 mons,134	
187	FFE Installation: Start	0 days	Thu 6/18/20	Thu 6/18/20	184FS-1 mon	
188	FFE Installation: End	1 mon	Thu 6/18/20	Wed 7/15/20	187	
189	Move Coordination	319 days	Tue 3/28/17	Fri 6/15/18		
190	Inventory	69 days	Tue 3/28/17	Fri 6/30/17		
191	Administration Inventory	69 days	Tue 3/28/17	Fri 6/30/17		
192	Library Inventory	69 days	Tue 3/28/17	Fri 6/30/17		
193	Heritage/Council Inventory	69 days	Tue 3/28/17	Fri 6/30/17		
194	Public Works Inventory	69 days	Tue 3/28/17	Fri 6/30/17		
195	Surplus	310 days	Mon 4/10/17	Fri 6/15/18		
196	Surplus Items	250 days	Mon 7/3/17	Fri 6/15/18	191,192,193,194	
197	Trash Items (Non Surplus or Storage)	310 days	Mon 4/10/17	Fri 6/15/18		
198	Site Work	268 days	Tue 3/28/17	Thu 4/5/18		
199	Develop Site Work Design Contract	113 days	Tue 3/28/17	Thu 8/31/17		
200	Design Site Work	80 days	Fri 9/1/17	Thu 12/21/17	199	
201	Bid Site Work	24 days	Fri 12/22/17	Wed 1/24/18	200	

Atherton Civic Center - Atherton

Project Schedule - April 5, 2018



ID	Task Name	Duration	Start	Finish	P	Ma
202	Award Site Work	20 days	Thu 1/25/18	Wed 2/21/18	201	3/4 3/11
203	Site Work Contract	10 days	Thu 2/22/18	Wed 3/7/18	202	
204	Site Work NTP	1 day	Thu 3/8/18	Thu 3/8/18	203	
205	Perform Site Work for Modular Buildings	20 days	Fri 3/9/18	Thu 4/5/18	204	
206	Modular Buildings	308 days	Tue 3/28/17	Thu 5/31/18		
207	Determine Temp Office Needs	160 days	Tue 3/28/17	Mon 11/6/17		
208	Modular Buildings Bid	48 days	Tue 11/7/17	Thu 1/11/18	207	
209	Modular Buildings Bid Award	29 days	Fri 1/12/18	Wed 2/21/18	208	
210	Modular Buildings Contract	15 days	Thu 2/22/18	Wed 3/14/18	209	
211	Modular Buildings NTP	1 day	Thu 3/15/18	Thu 3/15/18	210	
212	Modular Buildings Drawings	10 days	Fri 3/16/18	Thu 3/29/18	211	
213	Modular Buildings Permits	15 days	Fri 3/30/18	Thu 4/19/18	212,162	
214	Modular Buildings Installation (Including IT and Temp Power)	30 days	Fri 4/20/18	Thu 5/31/18	205,213	
215	Storage Pods	307 days	Tue 3/28/17	Wed 5/30/18		
216	Aquire permisioin from Caltrans to locate PODS in front of bike lockers	150 days	Tue 3/28/17	Mon 10/23/17		
217	PODS Procurement	130 days	Tue 10/24/17	Mon 4/23/18	191,192,193,194,21	
218	PODS Agreement	15 days	Tue 4/24/18	Mon 5/14/18	217	
219	PODS Coordination	10 days	Tue 5/15/18	Mon 5/28/18	218	
220	PODS NTP	1 day	Tue 5/29/18	Tue 5/29/18	219	
221	Install PODS	1 day	Wed 5/30/18	Wed 5/30/18	220	
222	Move	205 days	Fri 9/1/17	Thu 6/14/18		
223	Mover Procurement	112 days	Fri 9/1/17	Mon 2/5/18	191,192,193,194	
224	Mover Bid Award	12 days	Tue 2/6/18	Wed 2/21/18	223	
225	Mover Contract	10 days	Thu 2/22/18	Wed 3/7/18	224	
226	Mover NTP	1 day	Thu 3/8/18	Thu 3/8/18	225	
227	Pre Move Packing	55 days	Fri 3/9/18	Thu 5/24/18	226	
228	Move Items to Storage	15 days	Fri 5/25/18	Thu 6/14/18	226,227	
229	Move Library, Heritage and City Council	10 days	Fri 6/1/18	Thu 6/14/18	226,227,214	
230						
231	Project Opening	20 days	Thu 7/16/20	Wed 8/12/20		
232	Staff Opening	1 mon	Thu 7/16/20	Wed 8/12/20	188	
233	Public Opening	0 days	Wed 8/12/20	Wed 8/12/20	232	

WRNS Studio
Project No. 15007.00
April 10, 2018

Atherton Civic Center
Atherton, California
Addenda #1

SECTION 00 4253
PROPOSAL FORM

PROPOSAL TO THE TOWN OF ATHERTON

ATHERTON TOWN CENTER PROJECT
80 Fair Oaks Lane, Atherton, CA
PROJECT NO: 54015

TO THE HONORABLE CITY COUNCIL OF THE TOWN OF ATHERTON

THIS BID IS SUBMITTED BY:

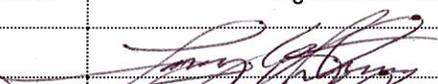
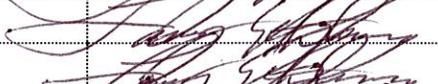
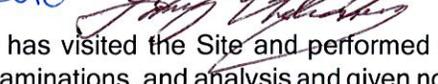
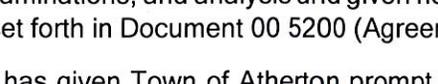
C. Overaa & Co.

(Firm/Company Name)

Re: PROJECT NUMBER 54015, ATHERTON TOWN CENTER PROJECT

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Town of Atherton in the form included in the Contract Documents, Document 00 5200 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and substantially in the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents. All portions of this Bid Form must be completed and signed before the bid is submitted. Failure to do so will result in the bid being rejected as non-responsive.
2. The undersigned Bidder has examined all of the Contract Documents and the following Addenda and accepts all of the terms and conditions of the Contract Documents, Document 00 1119 (Request For Proposals), and Document 00 4540 (Bidder Certifications), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 60 Days after the day of Bid opening.
3. In submitting this Bid, the undersigned Bidder represents the following:
 - A. We, the undersigned, having familiarized ourselves with the local conditions, the Advertisement for Bids, Instructions to Bidders, General Conditions, Bid Form, Supplement to Bid Form, Agreement Between Town of Atherton and Contractor, the Drawings and Specifications, Addenda and Allowances issued by the Architect and the Town of Atherton, do hereby propose to furnish all labor, materials, necessary tools, expendables, equipment, utility and transportation services, including State of California and local sales or use taxes, license, necessary to complete the Work required for the above Project in strict accordance with the contract documents, including all Addenda.

- B. The undersigned Bidder declares that the cost of a Performance Bond and Payment Bond in the full amount of the Agreement, and a one (1) year Warranty Bond for 10% of the Final Contract Amount, is included in this bid.
- C. The undersigned Bidder agrees to enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Bonds and Insurance in accordance with Contract Documents, within five calendar (5) calendar days after date of receipt of Notice to Proceed.
- D. **Liquidated Damages for Failure to Enter into the Agreement:**
 Enclosed is Certified Check or Bid Bond, made payable to the Town of Atherton which is not less than 10% of the total amount of the Base Bid. Should Contractor's bid be accepted and Contractor thereafter fail to enter into the Agreement on the basis of this bid, IT IS UNDERSTOOD AND AGREED that it is, and will be, difficult or impossible to determine the actual damage which the Town of Atherton will sustain in the event of, and by reason of, such failure to enter into the Agreement. Undersigned further agrees that said check or Bid Bond shall be forfeited as liquidated damages (not as a penalty), if undersigned fails to enter into an Agreement on the basis of this bid, after receiving Notice of Award.
- E. The undersigned Bidder acknowledges receipt of the following Addenda:

Addendum No.	Addendum Date	Signature of Bidder
1	4/10/2018	
2	5/1/2018	
3	5/15/2018	
4	5/18/2018	
5	5/31/2018	

- F. The undersigned Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 00 5200 (Agreement), Terms F.
- G. The undersigned Bidder has given Town of Atherton prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by Town of Atherton is acceptable to Contractor.
- H. Bidder has attended Pre-Bid Mandatory meeting on April 5, 2018.

YES X NO _____

4. Subcontractors for work included in all Bid items are listed on the attached Document 00 4336 (Proposed Subcontractors List).
5. The undersigned Bidder understands that Town of Atherton reserves the right to reject this Bid.
6. If written notice of the acceptance of this Proposal, referred to as the Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in paragraph 2 above or at any other time thereafter before it is withdrawn, the undersigned agrees to execute and deliver the documents required by Section 00 1119 (Request for Proposals from Bidders) including, but not limited to, Section 00 5200 (Agreement), 00 6113 (Bond Accompanying Proposal), 00 6113.13 (Construction Performance Bond), and 00 6113.16 (Construction Labor and Material Payment Bond), and insurance certification all within the time and in the manner specified in Section 00 1119.
7. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
8. The undersigned Bidder herewith encloses cash, a cashier's check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in form specified in Section 00 1119 (Request for Proposals from Bidders), in the amount of ten percent (10%) of the total of all Bid items and made payable to the "Town of Atherton".
9. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Section 00 7200 (General Conditions) and to complete all work within the time specified in Section 00 5200 (Agreement). The undersigned Bidder acknowledges that Town of Atherton has reserved the right to delay or modify the commencement date. The undersigned Bidder further acknowledges Town of Atherton has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the Bids, and that the undersigned Bidder will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.
10. Based on the foregoing, the undersigned Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:

SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01 1000 (Summary of Work). Quote in figures only, unless words are specifically requested. **Please note that no day extensions will be permitted with the acceptance of the Bid**

Base Bid Items as listed below:				
ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1.	New Administration / Police Department Buildings And Ancillary Buildings Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 38,381,000
2.	New Library Building And Renovation Of The Historic Town Hall Building Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 10,000,000
3.	All Site Improvements Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 8,000,000
		TOTAL BASE BID	\$	56,381,000

Total Base Bid Price in Words:

Fifty-Six Million, Three Hundred & Eighty-one thousand
 (Words)

#

Bid Alternate Items as listed below:				
ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1.	Bid Alternative No. 1: Provide Hydoseed Planting At City Hall In Lieu Of Planting Shown On Plans As Specified In Section 01 2300 Atherton Town Center Project. Refer To Drawings For Scope Area.	Lump Sum	N/A	\$ (160,000)
2.	Bid Alternate No. 2: Energy Monitoring Admin/PD As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 21,970 L.E. 25,000
3.	Bid Alternate No. 3: Microgrid - Admin/PD As Specified In Section 01 2300 Atherton Town Center Project. Base Cost \$ <u>1,770,000</u> 10% Allowance \$ <u>177,000</u>	Lump Sum	N/A	\$ 1,770,000 L.E. 1,947,000
4.	Bid Alternate No. 4: PV For Admin/PD As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 2,700,000
5.	Bid Alternate No. 5: Mechanical Chilled Water Thermal As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 750,000
6.	Bid Alternate No. 6: Copper Gutter, Downspouts And Roof Edge Flashing In Lieu Of Painted Galvanized Steel As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 250,000
7.	Bid Alternate No. 7: Exterior Stone Base In Lieu Of Precast Concrete Base As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 100,000
8.	Bid Alternate No. 8: Do Not Construct New Council Chambers. Install EOC Infrastructure In Briefing/Squad Room D.08 Provide Additional Landscaped Area & Security Fence As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ (1,250,000)

Bid Alternate Items as listed below:				
ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
9.	Bid Alternate No. 9: Provide cypress in lieu of teak at: 1. Interior wood for library and town hall windows and doors. 2. Interior wood for library and town hall casework, wall panels, wall base and trim. As specified in Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ (250,000)
10.	Bid Alternate No. 10: Provide Hydroseed Planting At Library In Lieu Of Plants Indicated As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ (225,000)
		TOTAL ADD ALTERNATES	\$	3,887,000

Total Bid Alternatives Price in Words:

Three million eight hundred eighty-seven
 (Words) thousand

11. The undersigned Bidder agrees that, in accordance with Section 00 7200 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Section 00 5200 (Agreement) shall be as set forth in Section 00 5200 (Agreement).
12. The undersigned Bidder Agrees that if awarded the job will complete the proposed work within the following time frames from the commencement date as outlined more specifically in Section 00 5200 (Agreement):

Contractor shall achieve Final Completion of the entire Work and be ready for Final Payment in accordance with Section 01 7700 (Closeout Procedures) within 540 Working Days from the date when the Contract Time commences to run as provided in Section 00 7200 (General Conditions).

We agree that the following shall form a part of this bid and are submitted herewith:

<u>SECTION</u>	<u>TITLE</u>	<u>Item Included (?)</u>
00 4253	Proposal Form	<u>Yes</u>
00 4336	Proposed Subcontractors	<u>Yes</u>
00 4519	Non-Collusion Affidavit	<u>Yes</u>
00 6113	Bond Accompanying Proposal	<u>Yes</u>

If our bid is accepted, we agree to sign the Agreement without qualifications and to furnish the performance and payment bonds and the required evidences of insurance within 5 calendar days after receiving written Notice of Award of the Contract.

NAME OF BIDDER: C. Overaa & Co.

Licensed in accordance with an act for the registration of Contractors, and with license number: 106793

Expiration: 5/31/2019

California Department of Industrial Relations Registration Number: 1000000871

(Cal. Labor Code section 1725.5)

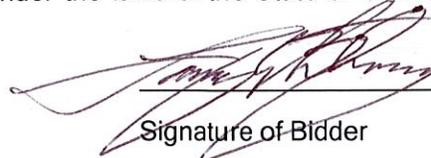
California

Where incorporated, if applicable

Gerald D. Overaa - CEO, Christopher Manning - President, Larry Etcheverry - Vice President
Ellen Hoffman - CFO, Erin Overaa Dissman - Secretary

Principals

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.



Signature of Bidder

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address:

200 Parr Blvd.

Richmond, CA 94801

Officers authorized to sign contracts:

Gerald D. Overaa, CEO

Christopher Manning, President

Larry Etcheverry, Vice President

Telephone Number(s):

510-234-0926

Email address(s):

larrye@overaa.com

Date of Bid:

June 5, 2018

****END OF SECTION****

SECTION 00 4336

PROPOSED SUBCONTRACTORS

Pursuant to the provision of Section 4100 to 4113, inclusive, of the Public Contract Code of the State of California, every Bidder shall set forth the name and location of the place of business of each subcontractor who will perform work or labor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid. If the Bidder fails to specify a subcontractor for any portion of the work in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid, Bidder agrees to perform that portion himself. The following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract (additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
1 Demo	Ferma, Mountain View					
2 Earthwork/Paving	Ogrady, Mountain View					
3 Site Utilities	Pacific Underground, San Jose CA Talus, Walnut Creek					
4 Site Concrete	Landavazzo, Hayward					
5 Irrigation	Jensen, San Jose					

Date: 6/1/2018

Contractor's Signature: _____

END OF SECTION

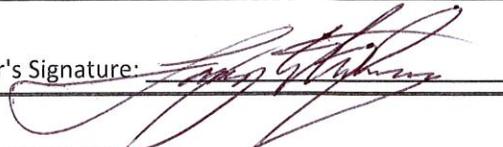
SECTION 00 4336

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	Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% Bid
6	Rebar	Cmc, Tracy					
7	Stabilized Rammed Earth	Rammed Earth Works, Napa					
8	Masonry/Pre- cast	S.W. Mertz, Winters					
9	Carpentry	Taylor Structures, Vacaville					
10	Casework	J.A. Stevens, Arcata					

Date: 6/1/2018

Contractor's Signature: 

END OF SECTION

SECTION 00 4336

PROPOSED SUBCONTRACTORS

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	Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
11	Structural Steel Metal Deck	Kwan Wo Iron Works Hayward					
12	Metal LE Deck	B.T. Martins , LE Sacramento					
13	Roofing	Platinum, San Jose					
14	Glazing LE.	A.C.A. , LE. Oakland Silicon Valley Glass, Mountain Hill L.E.					
15	Glazing	All Bay Area Glass, Oakland					

Date: 6/1/2018

Contractor's Signature: 

END OF SECTION

SECTION 00 4336

PROPOSED SUBCONTRACTORS

Pursuant to the provision of Section 4100 to 4113, inclusive, of the Public Contract Code of the State of California, every Bidder shall set forth the name and location of the place of business of each subcontractor who will perform work or labor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid. If the Bidder fails to specify a subcontractor for any portion of the work in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid, Bidder agrees to perform that portion himself. The following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract (additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

	Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
16	Metal Studs/ Drywall	Harrison, San Francisco					
17	Plaster	FERRAS Harrison, L.E. CONCRETE San Francisco					
18	Acoustical	Highpoint, Santa Rosa					
19	Tile	Pro Installation, Union City					
L.E. 20	Flooring	Andersons Union City					

Date: 6/1/2018

Contractor's Signature: 

END OF SECTION

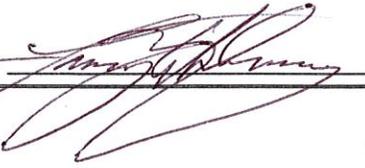
SECTION 00 4336

PROPOSED SUBCONTRACTORS

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	Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
21	Painting	J&B Thompson Alvato LE A&B, Santa Clara Painting					
22	Elevator LE						
23	Fire Sprinkler	Westates, San Leandro					
24	Plumbing	Cal Pacific, Brisbane					
		LE Dehoro, Morgan Hill					
25	HVAC	Dehoro, Morgan Hill Morgan Hill LE					

Date: 6/1/2018

Contractor's Signature: 

END OF SECTION

SECTION 00 4336

PROPOSED SUBCONTRACTORS

Pursuant to the provision of Section 4100 to 4113, inclusive, of the Public Contract Code of the State of California, every Bidder shall set forth the name and location of the place of business of each subcontractor who will perform work or labor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid. If the Bidder fails to specify a subcontractor for any portion of the work in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid, Bidder agrees to perform that portion himself. The following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract (additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

	Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
26	Electrical	McGrath Electric, Fairfield					
27	Flashing/Sheet Metal LE						
28	Drilled Piers	Malcolm, Hayward					
29							
30							

Date: 6/1/2018

Contractor's Signature: 

END OF SECTION

SECTION 00 4519

NON-COLLUSION AFFIDAVIT

NON-COLLUSION AFFIDAVIT

ATHERTON TOWN CENTER PROJECT
80 Fair Oaks Lane, Atherton, CA
Project No: 54015

This Affidavit to be fully executed by Bidder and submitted with the bid

STATE OF CALIFORNIA)

)address

COUNTY OF Contra Costa)

* Larry Etcheverry _____, being first

*[name]

duly sworn, deposes and says that he or she is * Vice President

*[President, Secretary, Manager, Owner or Representative]

of * C. Overaa & Co. _____, the party making the

*[Name of Company or Corporation or Owner]

foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing representations and all other representations made in the undersigned's proposal attached hereto are true and correct.



Vice President

Signature of: President, Secretary,
Manager, Owner or Representative

END OF SECTION

SECTION 00 4540
BIDDER CERTIFICATIONS

Part 1 - GENERAL

- 1.01 TO BE EXECUTED BY ALL BIDDERS AND SUBMITTED WITH PROPOSAL
- A. The undersigned Bidder certifies to the TOWN OF ATHERTON, acting by and through its GENERAL SERVICES AGENCY ("Town"), as is set forth in paragraphs 1 through 15 below all under the penalty of perjury that:
- 1.02 CERTIFICATE OF NON-DISCRIMINATION.
- A. There will be no discrimination in employment with regard to race, color, religion, gender, sexual orientation, or national origin; that all federal, state, and local laws, regulations, directives, and executive orders regarding non-discrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.
- 1.03 STATEMENT OF CONVICTIONS.
- A. No final, unappealable finding of contempt of court by a Federal Court has been issued against Bidder within the past two years because of failure to comply with an order of a Federal Court or to comply with an order of the National Labor Relations Board.
- 1.04 PREVIOUS DISQUALIFICATIONS.
- A. Neither the below indicated Bidder or any of its officers or employees with a proprietary interest in such Bidder has ever been disqualified, removed or otherwise prevented from bidding on, or completing a Federal, State, or local government project because of a violation of law or a safety regulation except as indicated on the separate sheet attached hereto entitled "Previous Disqualifications." If such exceptions are attached, please explain the circumstances.
- 1.05 CERTIFICATION OF WORKER'S COMPENSATION INSURANCE.
- A. I am aware of the provisions of Labor Code § 3700 which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the Work of this Contract.
- 1.06 CERTIFICATION OF PREVAILING WAGE RATES AND RECORDS.
- A. I am aware of the provisions of Labor Code § 1773, which requires the payment of prevailing wage on public projects. Also, that the Builder and all of its Subcontractors shall comply with Labor Code § 1776, regarding wage records, and with Labor Code § 1777.5, regarding the employment and training of apprentices. It is the Builder's responsibility to ensure compliance by any and all subcontractors performing work under this Contract.
- 1.07 CERTIFICATION OF APPRENTICESHIP PROGRAM PARTICIPTION.
- A. Bidder is a party to an agreement with a registered apprenticeship program approved by the California Apprenticeship Council which has graduated apprentices in each of the preceding five years (provided that this graduation requirement shall not apply to programs providing apprenticeship training for any craft that has been deemed by the

Department of Labor and the Department of Industrial Relations to be an apprenticeable craft in the five years prior to enactment of Public Contract Code § 20133), and that attached hereto is a copy of that agreement, which is true and correct and in full force and effect.

1.08 CERTIFICATION OF ACCEPTABLE SAFETY RECORD.

- A. Bidder's experience modification rate for the most recent three-year period is an average of 1.00 or less, and its average Total Recordable Injury/Illness rate and average lost work rate for the most recent three-year period does not exceed the applicable statistical standards for its business category or if the Bidder is a party to an alternative dispute resolution system as provided for in Labor Code § 3201.5.

1.09 CERTIFICATION REGARDING SELECTION PROCESS.

- A. [Please check and/or complete one of the following]

1. Bidder has no objections or protests to any Bidding selection procedure, process or requirement, or any other any aspect of the Bidding selection process, and does not object to any aspect of the Bidding selection process.
2. _____ Attached as an appendix to its Proposal consisting of _____ pages, is a detailed description of all of Bidder's objections or protests regarding any aspect of the Bidder selection process. Bidder must attach an appendix to its Proposal if this item is checked and comply with paragraph 15 of Section 00 1119 (Request for Proposals from Bidders).

1.10 CERTIFICATION REGARDING MATERIAL CHANGES.

- A. [Please check and/or complete one of the following]

1. All information Bidder submitted to the Town in connection with the Pre-Qualification process, including without limitation its Pre-Qualification Questionnaire, and any modifications, amendments or supplements thereto remains true and correct in all material respects as of the date of submitting its Proposal. All financial information Bidder submitted to the Town in connection with the Pre-Qualification process remains an accurate representation of the financial strength of Bidder and its core Subcontractors and sub-consultants.
2. _____ Except as identified in Bidder's Material Changes List submitted with Bidder's Proposal, submitted as provided in Section 00 1119 (Request for Proposals From Bidders), all information Bidder submitted to the Town in connection with the Pre-Qualification process, including without limitation its Pre-Qualification Questionnaire, and any modifications, amendments or supplements thereto remains true and correct in all material respects as of the date of submitting its Proposal. Except as identified in Bidder's Material Changes List submitted with Bidder's Proposal, submitted as provided in Section 00 1119 (Request for Proposals From Bidders), all financial information Bidder submitted to the Town in connection with the Pre-Qualification process remains an accurate representation of the financial strength of Bidder and its core Subcontractors and sub-consultants.

1.11 CERTIFICATION REGARDING USE AND OWNERSHIP OF INFORMATION.

- A. All rights to information developed, disclosed or provided in the undersigned's Proposal and the attendant submissions are the property of the Town, unless Bidder makes specific reference to data that is considered proprietary. To the extent the undersigned Bidder claims any copyright, patent or other property right in any portion of its Proposal,

submission of a Proposal constitutes Bidder's express (a) grant and assignment of a perpetual, transferable (in whole or in part), non-exclusive, royalty-free license to the Town for all such portions, and (b) agreement that the Town may use any such intellectual property without charge for any lawful purpose in connection with its Town Center Project, including without limitation to the creation of derivative works and issuance of sublicenses.

1.12 CERTIFICATION REGARDING GOVERNMENT CODE SECTION 4420.

- A. Bidder does not have serious or willful violations of Part 1 (commencing with § 6300) of Division 5 of the Labor Code, during the past five-year period or Bidder is taking appropriate corrective action to prevent further violations of Part 1 of Division 5 of the Labor Code; Bidder's workers' compensation experience modification factor is below 1.25 or Bidder's experience modification rate is 1.25 to 1.75 and Bidder is taking all appropriate action to reduce employee workplace injuries, illnesses and workers' compensation losses; and Bidder has an injury prevention program in place pursuant to Labor Code § 3201.5 or § 6401.7.

1.13 CERTIFICATION REGARDING HAZARDOUS MATERIALS

- A. Contractor hereby certifies that no Asbestos, or Asbestos-Containing Materials, polychlorinated biphenyl (PCB), or any material listed by the federal or state Environmental Protection Agency or federal or state health agencies as a hazardous material, or any other material defined as being hazardous under federal or state laws, rules, or regulations ("New Hazardous Material"), shall be furnished, installed, or incorporated in any way into the Project or in any tools, devices, clothing, or equipment used to affect any portion of Contractor's work on the Project for Town.
- B. Contractor further certifies that it has instructed its employees with respect to the above-mentioned standards, hazards, risks, and liabilities.
- C. Asbestos and/or asbestos-containing material shall be defined as all items containing but not limited to chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite. Any or all material containing greater than one-tenth of one percent (.1%) asbestos shall be defined as asbestos-containing material.
- D. Any disputes involving the question of whether or not material is New Hazardous Material shall be settled by electron microscopy or other appropriate and recognized testing procedure, at the Town's determination. The costs of any such tests shall be paid by Contractor if the material is found to be New Hazardous Material.
- E. All Work or materials found to be New Hazardous Material or Work or material installed with equipment containing "New Hazardous Material" will be immediately rejected and this Work will be removed at Contractor's expense at no additional cost to the Town.

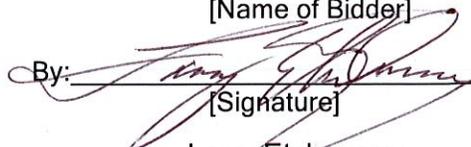
1.14 FALSE CLAIMS ACT CERTIFICATION

- A. Contractor certifies under penalty of perjury under the laws of the State of California that any and all applications for payment will represent the true and correct statement of the work performed and the materials and supplies purchased. Contractor understands that it is a violation of the False Claims Act (Gov't Code § 12650, et. seq.) to knowingly present or cause to be presented a false claim for payment or approval.

1.15 DEFINITIONS

- A. All capitalized terms not otherwise defined in these Bidder Certifications shall have the meanings provided in Section 00 1119 (Request for Proposals from Bidders) or Sections 01 4200 (References).

Bidder: C. Overaa & Co.
[Name of Bidder]

By: 
[Signature]

Name: Larry Etcheverry
[Printed Name]

Its: Vice President
[Title]

Dated: June 1, 2018

END OF SECTION

SECTION 00 6113
BOND ACCOMPANYING PROPOSAL

BID BOND
TOWN OF ATHERTON

ATHERTON TOWN CENTER PROJECT
80 Fair Oaks Lane, Atherton, CA
Project No: 54015

KNOW ALL PERSONS BY THESE PRESENTS, that we,

C. Overaa & Co.

as Bidder, and Travelers Casualty and Surety Company of America, as Surety,

are held and firmly bound unto the Town of Atherton, in the penal sum of
Ten Percent (10%) of Total
Amount of Bid dollars (\$ -----), lawful money of the United States,
which sum is at least ten percent (10%) of the total amount bid by Bidder to the TOWN for the
above stated project, for the payment of which sum well and truly made, we bind ourselves, our
heirs, executors, administrations, and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above bound Bidder submits a bid to the TOWN
for the above referenced project (the terms and conditions of the bid are incorporated by
reference); and if said bid is rejected by the TOWN, or if said bid is accepted by the TOWN and
the Bidder executes all Contract Documents and provides all required bonds, insurance and
schedule, in the time and manner specified in the Town of Atherton Standard Specifications,
then this obligation shall become null and void; otherwise, it shall be and remain in full force and
effect in favor of the TOWN.

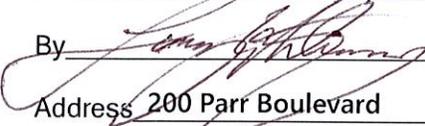
The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety
and its bond shall be in no way impaired or affected by any extension of the time within which
the TOWN may accept such Proposal; and said Surety does hereby waive notice of any such
extension.

In the event suit is brought upon this bond by the TOWN and judgment is recovered, the surety
shall pay all reasonable costs incurred by the TOWN, including reasonable attorney's fees to be
fixed by the court.

IN WITNESS WHEREOF, the undersigned represent and warrant that they have the right, power, legal capacity and authority to enter into and execute this document on behalf of the above bounded Bidder and Surety, and have set their names, titles and signatures hereon this 16th day of May, 2018.

BIDDER

C. Overaa & Co.

By 

Address 200 Parr Boulevard

Richmond, CA 94801

SURETY

Travelers Casualty and Surety Company of America

By 

Nerissa S. Bartolome, Attorney-in-Fact

Address 100 California Street, Suite 300

San Francisco, CA 94111

Notary acknowledgments of Bidder and Surety must be attached, and Power of Attorney for Surety attached.

END OF SECTION

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of San Francisco)

On 05/16/18 before me, Alicia Dass, Notary Public

Date

Here Insert Name and Title of the Officer

personally appeared Nerissa S. Bartolome

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: _____ Document Date: _____

Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Nerissa S. Bartolome

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

~~Signer's Name: _____~~

~~Corporate Officer — Title(s): _____~~

~~Partner — Limited General~~

~~Individual Attorney in Fact~~

~~Trustee Guardian or Conservator~~

~~Other: _____~~

~~Signer Is Representing: _____~~



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 231558

Certificate No. 007174925

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Charles R. Shoemaker, Stanley D. Loar, Mark M. Munkawa, Nancy L. Hamilton, Roger C. Dickinson, Nerissa S. Bartolome, Yvonne Roncagliolo, Patrick Diebel, and Alicia Dass

of the City of San Francisco, State of California, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 5th day of April, 2017.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this the 5th day of April, 2017, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2021.



[Signature]
Marie C. Tetreault, Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Contra Costa)
On May 17, 2018 before me, Elizabeth Brown, Notary Public,
Date Here Insert Name and Title of the Officer
personally appeared Larry Etcheverry
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Elizabeth Brown
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Bid Bond Document Date: 5/16/2018
Number of Pages: _____ Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____
 Corporate Officer — Title(s): Vice President Corporate Officer — Title(s): _____
 Partner — Limited General Partner — Limited General
 Individual Attorney in Fact Individual Attorney in Fact
 Trustee Guardian or Conservator Trustee Guardian or Conservator
 Other: _____ Other: _____
Signer Is Representing: _____ Signer Is Representing: _____

**SECTION 00 4253
PROPOSAL FORM**

PROPOSAL TO THE TOWN OF ATHERTON

ATHERTON TOWN CENTER PROJECT
80 Fair Oaks Lane, Atherton, CA
PROJECT NO: 54015

TO THE HONORABLE CITY COUNCIL OF THE TOWN OF ATHERTON

THIS BID IS SUBMITTED BY:

Hensel Phelps Construction Co.

(Firm/Company Name)

Re: PROJECT NUMBER 54015, ATHERTON TOWN CENTER PROJECT

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Town of Atherton in the form included in the Contract Documents, Document 00 5200 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and substantially in the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents. All portions of this Bid Form must be completed and signed before the bid is submitted. Failure to do so will result in the bid being rejected as non-responsive.
2. The undersigned Bidder has examined all of the Contract Documents and the following Addenda and accepts all of the terms and conditions of the Contract Documents, Document 00 1119 (Request For Proposals), and Document 00 4540 (Bidder Certifications), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 60 Days after the day of Bid opening.
3. In submitting this Bid, the undersigned Bidder represents the following:
 - A. We, the undersigned, having familiarized ourselves with the local conditions, the Advertisement for Bids, Instructions to Bidders, General Conditions, Bid Form, Supplement to Bid Form, Agreement Between Town of Atherton and Contractor, the Drawings and Specifications, Addenda and Allowances issued by the Architect and the Town of Atherton, do hereby propose to furnish all labor, materials, necessary tools, expendables, equipment, utility and transportation services, including State of California and local sales or use taxes, license, necessary to complete the Work required for the above Project in strict accordance with the contract documents, including all Addenda.

- B. The undersigned Bidder declares that the cost of a Performance Bond and Payment Bond in the full amount of the Agreement, and a one (1) year Warranty Bond for 10% of the Final Contract Amount, is included in this bid.
- C. The undersigned Bidder agrees to enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Bonds and Insurance in accordance with Contract Documents, within five calendar (5) calendar days after date of receipt of Notice to Proceed.
- D. **Liquidated Damages for Failure to Enter into the Agreement:**
Enclosed is Certified Check or Bid Bond, made payable to the Town of Atherton which is not less than 10% of the total amount of the Base Bid. Should Contractor's bid be accepted and Contractor thereafter fail to enter into the Agreement on the basis of this bid, IT IS UNDERSTOOD AND AGREED that it is, and will be, difficult or impossible to determine the actual damage which the Town of Atherton will sustain in the event of, and by reason of, such failure to enter into the Agreement. Undersigned further agrees that said check or Bid Bond shall be forfeited as liquidated damages (not as a penalty), if undersigned fails to enter into an Agreement on the basis of this bid, after receiving Notice of Award.
- E. The undersigned Bidder acknowledges receipt of the following Addenda:

Addendum No.	Addendum Date	Signature of Bidder
1	04/10/2018	
2	05/01/2018	
3	05/15/2018	
4	05/18/2018	
5	05/31/2018	

- F. The undersigned Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 00 5200 (Agreement), Terms F.
- G. The undersigned Bidder has given Town of Atherton prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by Town of Atherton is acceptable to Contractor.
- H. Bidder has attended Pre-Bid Mandatory meeting on April 5, 2018.

YES NO

4. Subcontractors for work included in all Bid items are listed on the attached Document 00 4336 (Proposed Subcontractors List).
5. The undersigned Bidder understands that Town of Atherton reserves the right to reject this Bid.
6. If written notice of the acceptance of this Proposal, referred to as the Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in paragraph 2 above or at any other time thereafter before it is withdrawn, the undersigned agrees to execute and deliver the documents required by Section 00 1119 (Request for Proposals from Bidders) including, but not limited to, Section 00 5200 (Agreement), 00 6113 (Bond Accompanying Proposal), 00 6113.13 (Construction Performance Bond), and 00 6113.16 (Construction Labor and Material Payment Bond), and insurance certification all within the time and in the manner specified in Section 00 1119.
7. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
8. The undersigned Bidder herewith encloses cash, a cashier's check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in form specified in Section 00 1119 (Request for Proposals from Bidders), in the amount of ten percent (10%) of the total of all Bid items and made payable to the "Town of Atherton".
9. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Section 00 7200 (General Conditions) and to complete all work within the time specified in Section 00 5200 (Agreement). The undersigned Bidder acknowledges that Town of Atherton has reserved the right to delay or modify the commencement date. The undersigned Bidder further acknowledges Town of Atherton has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the Bids, and that the undersigned Bidder will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.
10. Based on the foregoing, the undersigned Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:

SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01 1000 (Summary of Work). Quote in figures only, unless words are specifically requested. **Please note that no day extensions will be permitted with the acceptance of the Bid**

Base Bid Items as listed below:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1.	New Administration / Police Department Buildings And Ancillary Buildings Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 33,836,000.00
2.	New Library Building And Renovation Of The Historic Town Hall Building Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 20,910,000.00
3.	All Site Improvements Lump Sum Bid Total Including All Allowances As Specified In Section 01 1000 Atherton Town Center Project	Lump Sum	N/A	\$ 13,874,000.00
		TOTAL BASE BID		\$ 68,620,000.00

Total Base Bid Price in Words:

Sixty eight million six hundred & twenty thousand dollars

(Words)

Bid Alternate Items as listed below:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
1.	Bid Alternative No. 1: Provide Hydoseed Planting At City Hall In Lieu Of Planting Shown On Plans As Specified In Section 01 2300 Atherton Town Center Project. Refer To Drawings For Scope Area.	Lump Sum	N/A	\$ 177,000.00
2.	Bid Alternate No. 2: Energy Monitoring Admin/PD As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 628,000.00
3.	Bid Alternate No. 3: Microgrid - Admin/PD As Specified In Section 01 2300 Atherton Town Center Project. Base Cost \$ 1,130,000.00 10% Allowance \$ 114,000.00	Lump Sum	N/A	\$ 1,244,000.00
4.	Bid Alternate No. 4: PV For Admin/PD As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 2,016,000.00
5.	Bid Alternate No. 5: Mechanical Chilled Water Thermal As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 2,251,000.00
6.	Bid Alternate No. 6: Copper Gutter, Downspouts And Roof Edge Flashing In Lieu Of Painted Galvanized Steel As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 351,000.00
7.	Bid Alternate No. 7: Exterior Stone Base In Lieu Of Precast Concrete Base As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 98,000.00
8.	Bid Alternate No. 8: Do Not Construct New Council Chambers. Install EOC Infrastructure In Briefing/Squad Room D.08 Provide Additional Landscaped Area & Security Fence As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ 2,039,000.00 \$ 1,860,000.00

Bid Alternate Items as listed below:				
ITEM	DESCRIPTION	UNIT	UNIT PRICE	TOTAL
9.	Bid Alternate No. 9: Provide cypress in lieu of teak at: 1. Interior wood for library and town hall windows and doors. 2. Interior wood for library and town hall casework, wall panels, wall base and trim. As specified in Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ (\$381,000.00)
10.	Bid Alternate No. 10: Provide Hydroseed Planting At Library In Lieu Of Plants Indicated As Specified In Section 01 2300 Atherton Town Center Project.	Lump Sum	N/A	\$ (\$255,000.00)
		TOTAL ADD ALTERNATES	\$3,915,000.00	

Total Bid Alternatives Price in Words:

Three million nine hundred & fifteen thousand

(Words)

11. The undersigned Bidder agrees that, in accordance with Section 00 7200 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Section 00 5200 (Agreement) shall be as set forth in Section 00 5200 (Agreement).
12. The undersigned Bidder Agrees that if awarded the job will complete the proposed work within the following time frames from the commencement date as outlined more specifically in Section 00 5200 (Agreement):

Contractor shall achieve Final Completion of the entire Work and be ready for Final Payment in accordance with Section 01 7700 (Closeout Procedures) within 540 Working Days from the date when the Contract Time commences to run as provided in Section 00 7200 (General Conditions).

We agree that the following shall form a part of this bid and are submitted herewith:

<u>SECTION</u>	<u>TITLE</u>	<u>Item Included (?)</u>
00 4253	Proposal Form	<u>Yes</u>
00 4336	Proposed Subcontractors	<u>Yes</u>
00 4519	Non-Collusion Affidavit	<u>Yes</u>
00 6113	Bond Accompanying Proposal	<u>Yes</u>

If our bid is accepted, we agree to sign the Agreement without qualifications and to furnish the performance and payment bonds and the required evidences of insurance within 5 calendar days after receiving written Notice of Award of the Contract.

NAME OF BIDDER: Hensel Phelps Construction Co.

Licensed in accordance with an act for the registration of Contractors, and with license number: 1020262

Expiration: 11/30/2018

California Department of Industrial Relations Registration Number: 1000045854

(Cal. Labor Code section 1725.5)

General Partnership formed in Delaware

James R. Pappas, Jr.

Where incorporated, if applicable

Vice President I District Manager

Principals

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.



Signature of Bidder

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address:

226 Airport Parkway

Suite 150

San Jose, CA 95110

Officers authorized to sign contracts:

James R. Pappas, Jr.

Vice President I District Manager

Telephone Number(s):

408.452.1800

Email address(s):

jpappas@henselhelps.com

Date of Bid:

06/05/18

****END OF SECTION****

SECTION 00 4336

PROPOSED SUBCONTRACTORS - PAGE 1

Pursuant to the provision of Section 4100 to 4113, inclusive, of the Public Contract Code of the State of California, every Bidder shall set forth the name and location of the place of business of each subcontractor who will perform work or labor in or about the construction of the work or improvement in an amount in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid. If the Bidder fails to specify a subcontractor for any portion of the work in excess of one-half (1/2) of one percent (1%) of the Bidder's total bid, Bidder agrees to perform that portion himself. The following list gives the name, business address, and portion of work (description of work to be done) for each subcontractor that will be used in the work if the bidder is awarded the Contract (additional supporting data may be attached to this page. Each page shall be sequentially numbered, and headed "Proposed Subcontractors" and shall be signed.)

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
Demolition	Ampco North, Inc. Irvine, CA					
Abatement						
Building Concrete						
Concrete Reinforcing	CMC Rebar Tracy, CA					
Rammed Earth Walls	Rammed Earth Works Napa, CA					

Date: 6/5/18

Contractor's Signature: 

SECTION 00 4336

PROPOSED SUBCONTRACTORS - PAGE 2

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
Architectural Precast	Willis Construction Co. San Juan Bautista, CA					
Masonry						
Structural Steel	Kwan Wo Ironworks Hayward, CA					
Miscellaneous Metals	Kwan Wo Ironworks Hayward, CA					
Decorative Metals						
Rough Carpentry						
Architectural Woodwork	G & H Fixtures Tracy, CA					
Waterproofing and Sealants						

Date: 6/5/18

Contractor's Signature: 

SECTION 00 4336

PROPOSED SUBCONTRACTORS - PAGE 3

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
Roofing	Platinum Roofing San Jose, CA					
Sheet Metal and Flashing	Apex Mechanical Fremont, CA					
Doors, Frames, and Hardware	Commercial Door San Leandro, CA					
Glass and Glazing	All Bay Area Glass Oakland, CA					
Framing and Drywall	Magnum Drywall Fremont, CA					
Tile and Stone	Prospectra Union City, CA					
Acoustical Ceilings	AD-IV Fremont, CA					
Flooring	Anderson Commercial Santa Clara, CA					

Date: 6/5/18

Contractor's Signature: 

SECTION 00 4336

PROPOSED SUBCONTRACTORS - PAGE 4

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
Painting	A&B Painting Santa Clara, CA					
Signage	Ellis & Ellis Sacramento, CA					
Police Equipment						
Elevators						
Fire Suppression	Transbay Fire Protection Pleasanton, CA					
Plumbing	Deharo J.W. MacClenahan San Mateo, CA					
Mechanical	Deharo Mechanical Morgan Hill, CA					
Electrical	Berg Electric Rancho Cordova, CA					

Date: 6/5/18

Contractor's Signature: 

SECTION 00 4336

PROPOSED SUBCONTRACTORS - PAGE 5

Description of Work	Name and Business Address of Subcontractor	License Number	License Type	DIR Registration Number	Cost of Work	% of Bid
Earthwork and Paving	Granite Construction Santa Clara, CA OC Jones & Sons Berkeley, CA					
Drilled Concrete Piers	Malcolm Drilling Co. Hayward, CA					
Site Concrete	Granite Construction Santa Clara, CA					
Pervious Concrete	Enviro-Crete, Inc. San Luis Obispo, CA					
Fences and Gates	Arktos, Inc. Castro Valley, CA					
Landscape and Irrigation	Jensen Landscape San Jose, CA					
Underground Utilities	Pacific Underground San Jose, CA					

Date: 6/5/18

Contractor's Signature: 

SECTION 00 4519

NON-COLLUSION AFFIDAVIT

NON-COLLUSION AFFIDAVIT

ATHERTON TOWN CENTER PROJECT
80 Fair Oaks Lane, Atherton, CA
Project No: 54015

This Affidavit to be fully executed by Bidder and submitted with the bid

STATE OF CALIFORNIA)

)address

COUNTY OF Santa Clara)

* James R. Pappas, Jr. _____, being first

*[name]

duly sworn, deposes and says that he or she is * Vice President I District Manager _____

*[President, Secretary, Manager, Owner or Representative]

of * Hensel Phelps Construction Co. _____, the party making the

*[Name of Company or Corporation or Owner]

foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing representations and all other representations made in the undersigned's proposal attached hereto are true and correct.


Signature of: President, Secretary,
Manager, Owner or Representative

END OF SECTION

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara)

On June 5, 2018 before me, Crystal A. Camarena
(insert name and title of the officer)

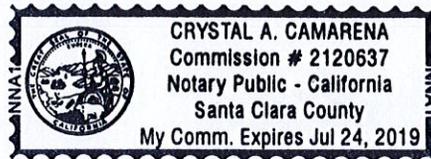
personally appeared James R. Pappas, Jr.
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature 

(Seal)



SECTION 00 4540

BIDDER CERTIFICATIONS

Part 1 - GENERAL

1.01 TO BE EXECUTED BY ALL BIDDERS AND SUBMITTED WITH PROPOSAL

- A. The undersigned Bidder certifies to the TOWN OF ATHERTON, acting by and through its GENERAL SERVICES AGENCY ("Town"), as is set forth in paragraphs 1 through 15 below all under the penalty of perjury that:

1.02 CERTIFICATE OF NON-DISCRIMINATION.

- A. There will be no discrimination in employment with regard to race, color, religion, gender, sexual orientation, or national origin; that all federal, state, and local laws, regulations, directives, and executive orders regarding non-discrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.

1.03 STATEMENT OF CONVICTIONS.

- A. No final, unappealable finding of contempt of court by a Federal Court has been issued against Bidder within the past two years because of failure to comply with an order of a Federal Court or to comply with an order of the National Labor Relations Board.

1.04 PREVIOUS DISQUALIFICATIONS.

- A. Neither the below indicated Bidder or any of its officers or employees with a proprietary interest in such Bidder has ever been disqualified, removed or otherwise prevented from bidding on, or completing a Federal, State, or local government project because of a violation of law or a safety regulation except as indicated on the separate sheet attached hereto entitled "Previous Disqualifications." If such exceptions are attached, please explain the circumstances.

1.05 CERTIFICATION OF WORKER'S COMPENSATION INSURANCE.

- A. I am aware of the provisions of Labor Code § 3700 which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

1.06 CERTIFICATION OF PREVAILING WAGE RATES AND RECORDS.

- A. I am aware of the provisions of Labor Code § 1773, which requires the payment of prevailing wage on public projects. Also, that the Builder and all of its Subcontractors shall comply with Labor Code § 1776, regarding wage records, and with Labor Code § 1777.5, regarding the employment and training of apprentices. It is the Builder's responsibility to ensure compliance by any and all subcontractors performing work under this Contract.

1.07 CERTIFICATION OF APPRENTICESHIP PROGRAM PARTICIPTION.

- A. Bidder is a party to an agreement with a registered apprenticeship program approved by the California Apprenticeship Council which has graduated apprentices in each of the preceding five years (provided that this graduation requirement shall not apply to programs providing apprenticeship training for any craft that has been deemed by the

Department of Labor and the Department of Industrial Relations to be an apprenticeable craft in the five years prior to enactment of Public Contract Code § 20133), and that attached hereto is a copy of that agreement, which is true and correct and in full force and effect.

1.08 CERTIFICATION OF ACCEPTABLE SAFETY RECORD.

- A. Bidder's experience modification rate for the most recent three-year period is an average of 1.00 or less, and its average Total Recordable Injury/Illness rate and average lost work rate for the most recent three-year period does not exceed the applicable statistical standards for its business category or if the Bidder is a party to an alternative dispute resolution system as provided for in Labor Code § 3201.5.

1.09 CERTIFICATION REGARDING SELECTION PROCESS.

- A. [Please check and/or complete one of the following]

1. Bidder has no objections or protests to any Bidding selection procedure, process or requirement, or any other any aspect of the Bidding selection process, and does not object to any aspect of the Bidding selection process.
2. Attached as an appendix to its Proposal consisting of _____ pages, is a detailed description of all of Bidder's objections or protests regarding any aspect of the Bidder selection process. Bidder must attach an appendix to its Proposal if this item is checked and comply with paragraph 15 of Section 00 1119 (Request for Proposals from Bidders).

1.10 CERTIFICATION REGARDING MATERIAL CHANGES.

- A. [Please check and/or complete one of the following]

1. All information Bidder submitted to the Town in connection with the Pre-Qualification process, including without limitation its Pre-Qualification Questionnaire, and any modifications, amendments or supplements thereto remains true and correct in all material respects as of the date of submitting its Proposal. All financial information Bidder submitted to the Town in connection with the Pre-Qualification process remains an accurate representation of the financial strength of Bidder and its core Subcontractors and sub-consultants.
2. Except as identified in Bidder's Material Changes List submitted with Bidder's Proposal, submitted as provided in Section 00 1119 (Request for Proposals From Bidders), all information Bidder submitted to the Town in connection with the Pre-Qualification process, including without limitation its Pre-Qualification Questionnaire, and any modifications, amendments or supplements thereto remains true and correct in all material respects as of the date of submitting its Proposal. Except as identified in Bidder's Material Changes List submitted with Bidder's Proposal, submitted as provided in Section 00 1119 (Request for Proposals From Bidders), all financial information Bidder submitted to the Town in connection with the Pre-Qualification process remains an accurate representation of the financial strength of Bidder and its core Subcontractors and sub-consultants.

1.11 CERTIFICATION REGARDING USE AND OWNERSHIP OF INFORMATION.

- A. All rights to information developed, disclosed or provided in the undersigned's Proposal and the attendant submissions are the property of the Town, unless Bidder makes specific reference to data that is considered proprietary. To the extent the undersigned Bidder claims any copyright, patent or other property right in any portion of its Proposal,

submission of a Proposal constitutes Bidder's express (a) grant and assignment of a perpetual, transferable (in whole or in part), non-exclusive, royalty-free license to the Town for all such portions, and (b) agreement that the Town may use any such intellectual property without charge for any lawful purpose in connection with its Town Center Project, including without limitation to the creation of derivative works and issuance of sublicenses.

1.12 CERTIFICATION REGARDING GOVERNMENT CODE SECTION 4420.

- A. Bidder does not have serious or willful violations of Part 1 (commencing with § 6300) of Division 5 of the Labor Code, during the past five-year period or Bidder is taking appropriate corrective action to prevent further violations of Part 1 of Division 5 of the Labor Code; Bidder's workers' compensation experience modification factor is below 1.25 or Bidder's experience modification rate is 1.25 to 1.75 and Bidder is taking all appropriate action to reduce employee workplace injuries, illnesses and workers' compensation losses; and Bidder has an injury prevention program in place pursuant to Labor Code § 3201.5 or § 6401.7.

1.13 CERTIFICATION REGARDING HAZARDOUS MATERIALS

- A. Contractor hereby certifies that no Asbestos, or Asbestos-Containing Materials, polychlorinated biphenyl (PCB), or any material listed by the federal or state Environmental Protection Agency or federal or state health agencies as a hazardous material, or any other material defined as being hazardous under federal or state laws, rules, or regulations ("New Hazardous Material"), shall be furnished, installed, or incorporated in any way into the Project or in any tools, devices, clothing, or equipment used to affect any portion of Contractor's work on the Project for Town.
- B. Contractor further certifies that it has instructed its employees with respect to the above-mentioned standards, hazards, risks, and liabilities.
- C. Asbestos and/or asbestos-containing material shall be defined as all items containing but not limited to chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite. Any or all material containing greater than one-tenth of one percent (.1%) asbestos shall be defined as asbestos-containing material.
- D. Any disputes involving the question of whether or not material is New Hazardous Material shall be settled by electron microscopy or other appropriate and recognized testing procedure, at the Town's determination. The costs of any such tests shall be paid by Contractor if the material is found to be New Hazardous Material.
- E. All Work or materials found to be New Hazardous Material or Work or material installed with equipment containing "New Hazardous Material" will be immediately rejected and this Work will be removed at Contractor's expense at no additional cost to the Town.

1.14 FALSE CLAIMS ACT CERTIFICATION

- A. Contractor certifies under penalty of perjury under the laws of the State of California that any and all applications for payment will represent the true and correct statement of the work performed and the materials and supplies purchased. Contractor understands that it is a violation of the False Claims Act (Gov't Code § 12650, et. seq.) to knowingly present or cause to be presented a false claim for payment or approval.

1.15 DEFINITIONS

- A. All capitalized terms not otherwise defined in these Bidder Certifications shall have the meanings provided in Section 00 1119 (Request for Proposals from Bidders) or Sections 01 4200 (References).

Bidder: Hensel Phelps Construction Co.
[Name of Bidder]

By: 
[Signature]

Name: James R. Pappas, Jr.
[Printed Name]

Its: Vice President I District Manager
[Title]

Dated: 6/5/2018

END OF SECTION

SECTION 00 6113
BOND ACCOMPANYING PROPOSAL

BID BOND
TOWN OF ATHERTON

ATHERTON TOWN CENTER PROJECT

80 Fair Oaks Lane, Atherton, CA
Project No: 54015

KNOW ALL PERSONS BY THESE PRESENTS, that we,

Hensel Phelps Construction Co.

as Bidder, and Travelers Casualty and Surety Company, as Surety,

are held and firmly bound unto the Town of Atherton, in the penal sum of

Ten Percent of the Total Amount Bid dollars (\$ ^{10% of the} Total Amount Bid), lawful money of the United States, which sum is at least ten percent (10%) of the total amount bid by Bidder to the TOWN for the above stated project, for the payment of which sum well and truly made, we bind ourselves, our heirs, executors, administrations, and successors, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above bound Bidder submits a bid to the TOWN for the above referenced project (the terms and conditions of the bid are incorporated by reference); and if said bid is rejected by the TOWN, or if said bid is accepted by the TOWN and the Bidder executes all Contract Documents and provides all required bonds, insurance and schedule, in the time and manner specified in the Town of Atherton Standard Specifications, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect in favor of the TOWN.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the TOWN may accept such Proposal; and said Surety does hereby waive notice of any such extension.

In the event suit is brought upon this bond by the TOWN and judgment is recovered, the surety shall pay all reasonable costs incurred by the TOWN, including reasonable attorney's fees to be fixed by the court.

IN WITNESS WHEREOF, the undersigned represent and warrant that they have the right, power, legal capacity and authority to enter into and execute this document on behalf of the above bounded Bidder and Surety, and have set their names, titles and signatures hereon this 5 day of June, 2018.

BIDDER

Hensel Phelps Construction Co.

By 

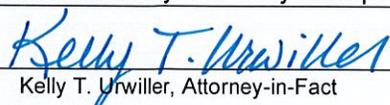
James R. Pappas, Jr. Vice President/DM
Address _____

226 Airport Parkway, Suite 150

San Jose, CA 95110

SURETY

Travelers Casualty & Surety Company

By 

Kelly T. Urwiller, Attorney-in-Fact

Address _____

One Tower Square

Hartford, CT 06183

Notary acknowledgments of Bidder and Surety must be attached, and Power of Attorney for Surety attached.

END OF SECTION

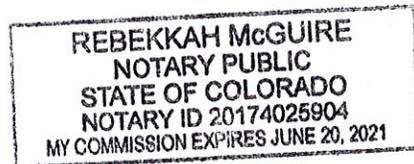
State of Colorado)
County of Weld) ss.

On this 5 day of June, 2018, before me, Rebekkah McGuire, Notary Public, personally appeared **Kelly T. Urwiller**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to in the foregoing instrument as the Attorney-in-Fact of the Travelers Casualty and Surety Company, a corporation organized and existing under the laws of the State of Connecticut, and having its principal office or place of business at Hartford, Connecticut, and acknowledged to me that the seal affixed to the foregoing instrument is the corporate seal of the corporation, that said instrument was executed in behalf of the corporation, and that said instrument was executed in behalf of the corporation by authority of its Board of Directors and of its By-laws, and that said Attorney-in-Fact acknowledged said instrument to be the free act and deed of the corporation.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Rebekkah McGuire
Rebekkah McGuire



Notary Public: Weld County, Colorado
My commission expires: June 20, 2021



**Travelers Casualty and Surety Company of America
Travelers Casualty and Surety Company
St. Paul Fire and Marine Insurance Company**

POWER OF ATTORNEY

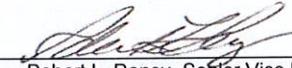
KNOW ALL MEN BY THESE PRESENTS: That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Kelly T. Urwiller, of Greeley, Colorado**, their true and lawful Attorney-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **3rd** day of **February**, 2017.



State of Connecticut

City of Hartford ss.

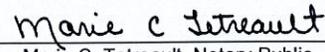
By: 
Robert L. Raney, Senior Vice President

On this the **3rd** day of **February**, 2017, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2021




Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

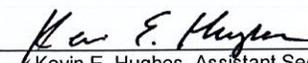
FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this 5 day of June, 2018




Kevin E. Hughes, Assistant Secretary

**To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney-in-Fact and the details of the bond to which the power is attached.**



Backcheck 2 Cost Estimate
for
Atherton Civic Center

March 26, 2018

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Site Improvement (Library Scope).....	87 - 95
Site Improvement (Corp Yard).....	96 - 99
Alternates.....	100 - 106
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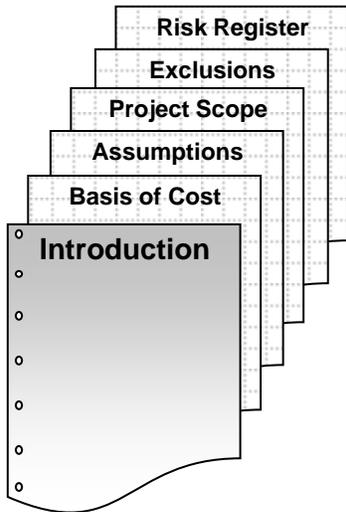
Backcheck 2 Cost Estimate

Commentary
Atherton Civic Center

Introduction
Basis of Cost
Assumptions
Exclusions

March 26, 2018

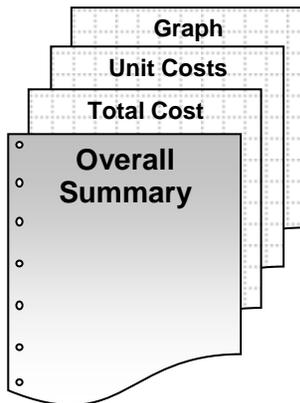
introduction



mack⁵ was requested to carry out a BackCheck Cost Estimate for the proposed Atherton Civic Center located in Atherton, CA.

The first part of the Report contains the basis of the report, the assumptions made, description of the project scope, the exclusions to the costs and a risk register which contain items that have potential to impact cost at some point in the future.

The Overall Summary section contains a Summary of Gross Floor Areas, an Overall Project Summary, and Component and Trade Cost Summaries with Graphs.



Each section contains Control Quantities, a Cost Summary and Graph, and a Detailed Breakdown of Costs.

project introduction

The Town of Atherton intends to build a new Civic Center on the existing 5 acre Civic Center Site. The old building date from 1920s and include several temporary trailer offices. Many buildings are near, or at the end of their useful life. The Site itself is under utilized and split apart by several roads.

The entire site will be remade to maximize use and provide an efficient functioning town government. The new project will contain a new Library and City Hall Building. The new City Hall Building will contain council chamber, city administration offices, community development offices and police station. The existing Corporate yard will remain largely intact.

On-site development includes Ancillary Support building, public/visitor parking, secure department parking, vehicle sallyport, trash enclosure, light flagpole at front of station, station sign and on-site fire hydrant.

All projects will involve phased renovation and/or relocation or existing roads, utilities, parking and landscaping

The Project is expected to be bid at a time when the Bay Area construction market appears to be saturated, with both contractors and subcontractors at or near capacity - often resulting in higher bids than estimated. Based on the current bid environment, if fewer than 4-5 bids are received, bids have high likelihood of coming in over estimated cost - potentially up to 25%, and more if only 1 bid is received.

items used for cost estimate

VOLUME 1

- general Architectural drawing prepared by WRNS, dated 3/12/2018
G-001, G-002.1, G-100, G-101 to 103, G-111, G-131, G-200,
G-201

- architectural Architectural drawing prepared by WRNS, dated 3/12/2018
AN-001, AS-100 to 104, AS-121, AS-201, AS-401, AS-403, AS-
404, AS-801, AS-802, AD-100, AD-111
A-101 to 104, A-111, A-112, A-151 to 154, A-201, A-202,
A-211, A-300 to 303, A-311, A-331, A-332, A-341, A-401 to
406, A-410, A-411, A-412, A-421 to 423, A-501 to 511, A-521
to 524, A-531 to 534, A-541, A-601 to 605, A-611, A-615,
A641 to 644, A-651 to 653, A-655 to 659, A-671 to 673, A-701
to 703, A-705, A-721, A722, A-801 to 803, A-811, A-821 to
823, A-825 to 828, A-831, A-832, A-835, A-841 to 847

- furniture Furniture drawings prepared by WRNS, dated 3/12/2018
AF-101, AF-102, AF-111

items used for cost estimate

VOLUME 1

- signage Signage drawings prepared by WRNS, dated 3/12/2018
AG-001, AG-101 to 102, AG-111, AG-301 to 312
- architectural/interior finish Architectural drawing prepared by WRNS, dated 3/12/2018
AI-001, AI-101, AI-102, AI-111
- equipment Equipment schedule prepared by WRNS, dated 3/12/2018
AQ-001

VOLUME 2

- civil Civil drawing prepared by Sherwood, dated 3/12/2018
C-000, C010, C020, C030, C100, C101, C200, C201, C300,
C301 to 305, C310 to 313, C400 to 404
- landscaping Landscape drawing prepared by swa, dated 3/12/2018
L0.00, L0.01 to 0.02, L1.00, L1.01 to 1.04, L2.01, L2.02,
L3.01, L3.02, L4.01, L4.02, L4.03, L4.11, L4.12, L5.01,
L5.01A, L5.02, L6.01 to 6.05, L7.01 to 7.06
- landscaping Alternate #8 L2.01A, L3.01A, L4.01A, L4.11A
- structural Structural drawing prepared by Mar Structural Design,
dated 3/12/2018
S-001 to 007, S101 to 109, S-111 to 116, S-121, S-122,
S-123, S-134 to 135, S-201 to 205, S-211 to 213, S-221,
S-222, S-301 to 308, S-311 to 316, S-401 to 403, S-411
to 415, S-421 to 425, S-431, S-442, S-501 to 508, S-511
to 519, S-521 to 526, S-532, S-601, S-602, S-621, S-631
to 633
- mechanical Mechanical drawing prepared by Interface Engineering,
dated 3/12/2018
M-001 to 003, M-005 to 014, M-100, M-101, M-201 to 203,
M-210 to 212, M-221, M-301, M-302, M-311, M-401 to 403,
M-411, M-501 to 505, M-601 to 606, M-701 to 703
- plumbing Plumbing drawing prepared by Interface Engineering,
dated 3/12/2017
P-001, P-002, P-200, P-201 to 203, P-210 to 212, P-221,
P-231, P-401, P-501

items used for cost estimate**VOLUME 2**

- electrical Electrical drawing prepared by Integral Group, dated 3/12/2018
E-000, E-001 to 005, E-101 to 107, E-201 to 203, E-211,
E-301 to 308, E-311 to 315, E-401, E-501.1, E5.01.2,
E-502 to 506, E-601 to 604, E-605, E-701 to 707,
E-709 to 715, E-801 to 808
- fire alarm Fire Alarm drawing prepared by Integral Group,
dated 3/12/2018
F-001, F-201, F-202, F-203, F-211
- technology Technology drawing prepared by Integral Group,
dated 3/12/2018
T-001, T-002, T-101, T-102, T-201, T-202, T-205, T-211,
T-401, T-402, T-501, T-601, T-602
- narrative Project Manual, Volume 1& 2 dated 10/31/2017

assumptions

- (a) Construction will start in June, 2018
- (b) A construction period of 24 months
- (c) The general contract will be competitively bid by a minimum of five (5) qualified contractors
- (d) The general contractor will have full access to the site during normal business hours
- (e) The contractor will be required to pay prevailing wages

inclusions**Police/City Hall and Library**

- foundations This section includes reinforced concrete grade beams and drilled pier, elevator pit, slab on grade, perforated drain pipe, perimeter concrete curb/stemwall and allowance for mechanical pads.
- superstructure This section includes structural steel framing, metal deck with concrete fill, bare roof deck and miscellaneous metal and rough carpentry.
- enclosure This section includes exterior wall finishes, exterior storefront/curtainwall system, exterior windows, mechanical roof screen, parapet wall, and misc band and trims.
- roofing This section includes clay tile roof at Civic Center and modified bituminous roof system at the library. It also includes roof flashing, gutter, downspouts, allowance for mechanical roof pad, roof hatches, caulking and sealants.
- interior construction This section includes interior partitions, glazed wall and sidelights, interior balustrades and guardrails, interior doors, protective bumpers, toilet partitions and accessories, shelving and millwork, casework and countertops, chalkboards and signages.
- stairs This section includes exit/egress stairs complete with finishes, handrail and guardrail.
- interior finishes This section includes floor, wall and ceiling finishes.
- conveying This section includes 1-elevator at Police/City Hall Building.
- plumbing This section includes plumbing fixtures, domestic water distribution, sanitary waste piping, storm water piping and miscellaneous trade specialties.
- hvac This section includes mechanical equipments, piping, ductwork and miscellaneous trade specialties.
- fire protection This section includes automatic wet-pipe sprinkler system

inclusions**Police/City Hall and Library**

electrical This section includes main service and distribution, emergency power, photovoltaic roof mounted system (at library only), equipment power, user convenience power, lighting & lighting control, telecomm, fire alarm, security, audio/visual rough-in and miscellaneous trade specialties.

equipment This section includes kitchen/breakroom equipment, police equipments and some library equipments (OFCI & CFCI).

furnishings This section includes window shades, walk-off mats, fire extinguisher cabinets, benches, lockers and council chambers furnishing.

Site Improvement

site preparation This section includes demolition of existing buildings and removal of existing hardscape surrounding the buildings. It also includes site protective construction, earthwork/erosion control and allowance for hazardous material abatement.

site improvement This section includes vehicular and pedestrian paving, site structures, landscaping and miscellaneous site furnishing. It also includes ancillary support building and police secured parking.

site mechanical utilities This section includes allowance for site drainage

site electrical utilities This section includes site lighting and site communications and security, and allowance for site demolition and relocation

exclusions

- (a) Cost escalation beyond a start date of June, 2018
- (b) Existing corporation shed and train depot to remain in place
- (c) PV system at Police/City Hall Building & Site
(included as ADD Alternate)
- (d) Relocation of displaced management and staff
- (e) Loose furniture and equipment except as specifically identified
- (f) Compression of schedule, premium or shift work, and
restrictions on the contractor's working hours
- (g) Soft Cost such as testing and inspection fees, architectural
design and construction management fees, assessments,
taxes, finance, legal and development charges
- (h) Scope change and post contract contingencies
- (i) Environmental impact mitigation

Backcheck 2 Cost Estimate

Overall Summary

Atherton Civic Center

Gross Floor Areas
Overall Summary
Component Summary
Trade Summary

March 26, 2018

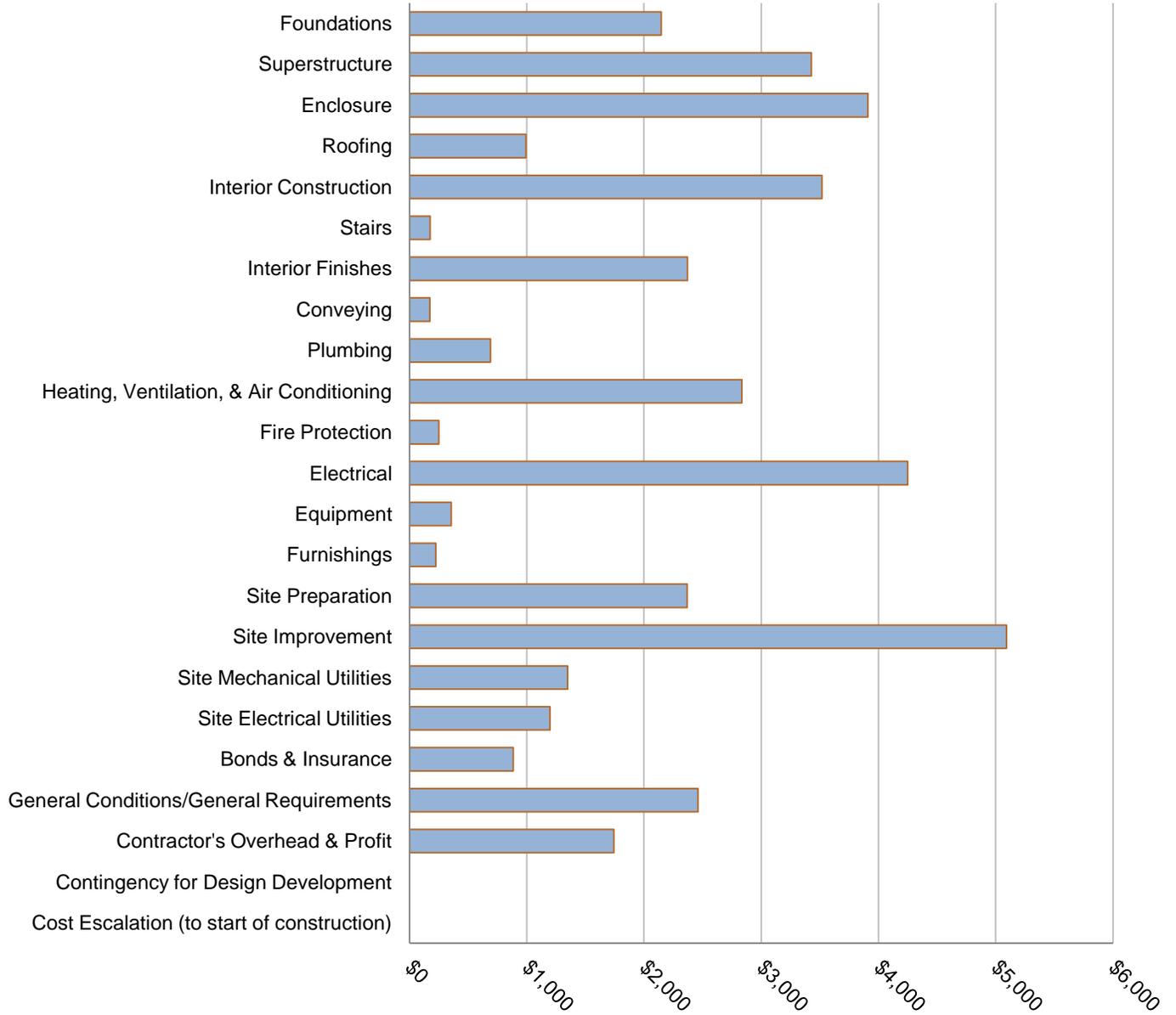
Atherton Civic Center	GFA	%	\$/SF	,\$000
City Hall	28,910	43%	\$595.80	\$17,225
Library	9,970	26%	\$1,054.11	\$10,509
Renovate existing Heritage Town Hall	1,910	3%	\$680.61	\$1,300
Site Improvement (Police Station Scope)	122,887	15%	\$48.63	\$5,976
Site Improvement (Library Scope)	89,554	12%	\$52.07	\$4,663
Site Improvement (Corp Yard)	18,157	2%	\$44.31	\$805
TOTAL CONSTRUCTION & SITEWORK:	40,790	100%	\$992.33	\$40,477
Market Factor/Bid Contingency Allowance (if fewer than 4~5 bids are received) :		10%		\$4,048
TOTAL CONSTRUCTION & SITEWORK:	40,790		\$1,091.57	\$44,524

Alternates:	,\$000
Alt. #1: Provide hydroseed planting at City Hall in lieu of planting shown on landscape drawings	(\$300)
Alt. #2: Enhanced Energy Monitoring at Admin/PD Spaces	\$11
Alt. #3: Addition Of Microgrid System at Admin/PD	\$799
Alt. #4: Addition Of Photovoltaic System, including support structures at City Hall, Secure Parking & Carports (Base Bid include PV System at library and installation of clay tile roof if PV panel are not installed on City Hall Roof)	\$1,467
Alt. #5: Mechanical Chilled Thermal Water System	\$163
Alt. #6: Provide copper gutter, downspouts and roof edge flashing in lieu of painted galvanised steel	\$108
Alt. #7: Exterior stone base in lieu of precast concrete wall base	\$17
Alt. #8: Do not construct new council chamber. Install EOC infrastructure in briefing/squad room D.08. Provide landscape area & security fence	(\$1,402)
Alt. #9: Provide cypress in lieu of teak wood (interior wood only) for Interior & Exterior windows/doors system at library	(\$419)
Alt. #10 Provide hydroseed planting at library in lieu of planting shown on landscape drawings	(\$535)

CSI UniFormat Summary	40,790 SF	%	\$/SF	,\$000
Foundations		5%	\$52.63	\$2,147
Superstructure		8%	\$84.03	\$3,427
Enclosure		10%	\$95.87	\$3,910
Roofing		2%	\$24.33	\$992
Interior Construction		9%	\$86.24	\$3,518
Stairs		0%	\$4.31	\$176
Interior Finishes		6%	\$58.11	\$2,370
Conveying		0%	\$4.29	\$175
Plumbing		2%	\$16.96	\$692
Heating, Ventilation, & Air Conditioning		7%	\$69.49	\$2,834
Fire Protection		1%	\$6.15	\$251
Electrical		10%	\$104.19	\$4,250
Equipment		1%	\$8.74	\$357
Furnishings		1%	\$5.54	\$226
Selective Building Demolition		0%	\$1.45	\$59
Subtotal - Building Construction		63%	\$622.32	\$25,384
Site Preparation		6%	\$58.07	\$2,369
Site Improvement		13%	\$124.80	\$5,091
Site Mechanical Utilities		3%	\$33.04	\$1,348
Site Electrical Utilities		3%	\$29.37	\$1,198
Subtotal - Sitework		25%	\$245.28	\$10,005
Total - Building and Sitework Construction		87%	\$867.60	\$35,389
Bonds & Insurance	2.50%	2%	\$21.69	\$885
General Conditions/General Requirements		6%	\$60.31	\$2,460
Contractor's Overhead & Profit	4.50%	4%	\$42.73	\$1,743
Subtotal		100%	\$992.33	\$40,477
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of construction)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$992.33	\$40,477

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary





Fair Oaks View

City Hall

Atherton Civic Center

Control Quantities
Summary
Detailed Cost Breakdown

March 26, 2018

Enclosed Areas

Level 1	15,770
Level 2	11,244

Subtotal of Enclosed Area	27,014
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Covered Area

Roof Overhang	3,792
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Subtotal of Covered Area at half value	1,896
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Total of Gross Floor Area	28,910
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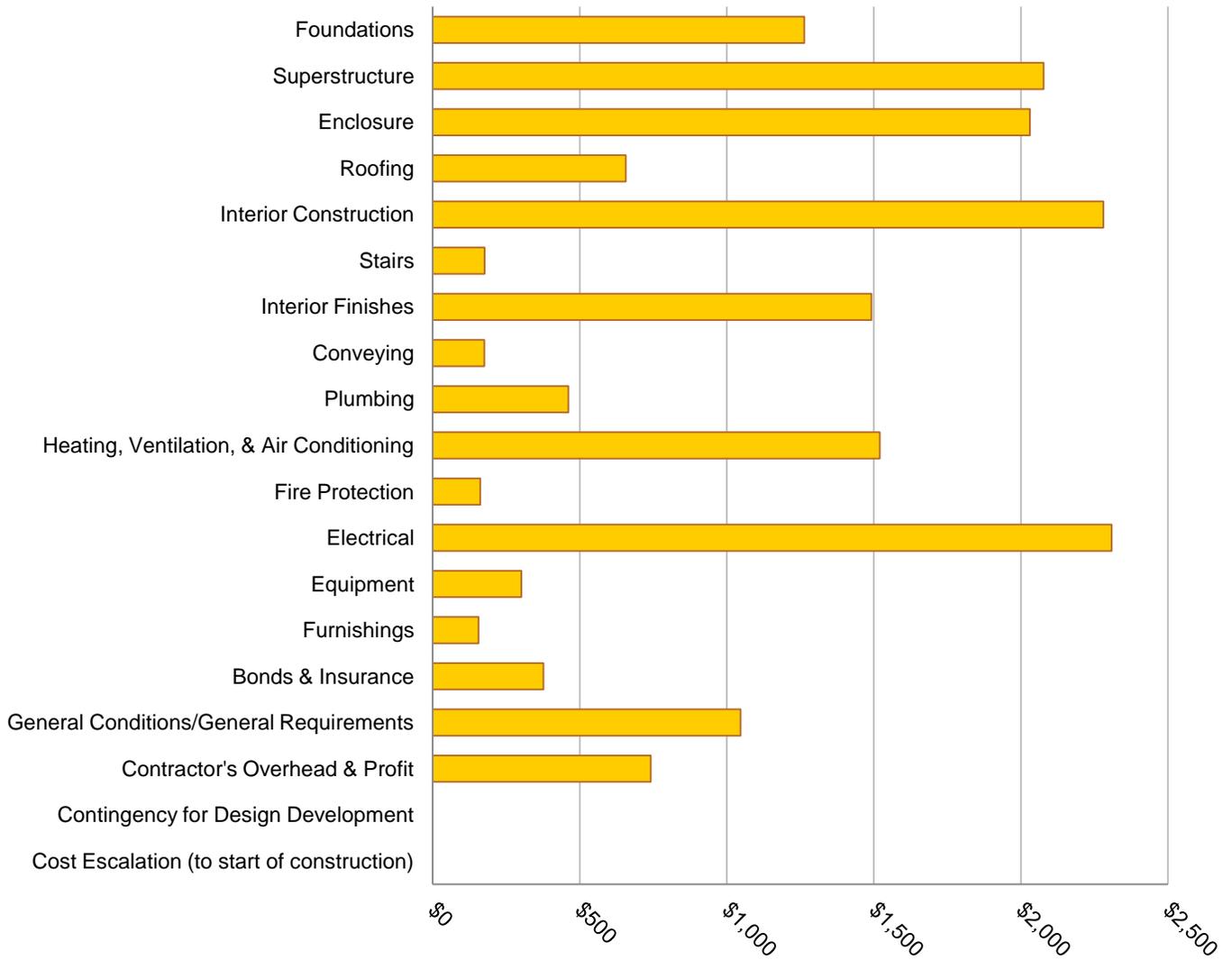
CONTROL QUANTITIES

			Ratio to Gross Area
Number of stories (x1,000)	2	EA	0.069
Gross Area	28,910	SF	1.000
Enclosed Area	27,014	SF	0.934
Covered Area	3,792	SF	0.131
Footprint Area	15,770	SF	0.545
Volume	330,957	CF	11.448
Gross Wall Area	18,686	SF	0.646
Finished Wall Area	16,368	SF	0.566
Windows or Glazing Area	12% 2,318	SF	0.080
Roof Area - Flat	548	SF	0.019
Roof Area - Sloping	19,014	SF	0.658
Roof Area - Total	19,562	SF	0.677
Roof Glazing Area	119	SF	0.004
Interior Partition Length	2,544	LF	0.088
Elevators (x10,000)	1	EA	0.346
Plumbing Fixtures (x1,000)	46	EA	1.591

CSI UniFormat Summary	28,910 SF	%	\$/SF	,\$000
Foundations		7%	\$43.70	\$1,263
Superstructure		12%	\$71.88	\$2,078
Enclosure		12%	\$70.24	\$2,031
Roofing		4%	\$22.70	\$656
Interior Construction		13%	\$78.88	\$2,281
Stairs		1%	\$6.09	\$176
Interior Finishes		9%	\$51.60	\$1,492
Conveying		1%	\$6.05	\$175
Plumbing		3%	\$15.96	\$461
Heating, Ventilation, & Air Conditioning		9%	\$52.57	\$1,520
Fire Protection		1%	\$5.59	\$162
Electrical		13%	\$79.86	\$2,309
Equipment		2%	\$10.41	\$301
Furnishings		1%	\$5.38	\$156
Subtotal - Building Construction		87%	\$520.91	\$15,060
Bonds & Insurance	2.50%	2%	\$13.02	\$376
General Conditions/General Requirements		6%	\$36.21	\$1,047
Contractor's Overhead & Profit	4.50%	4%	\$25.66	\$742
Subtotal		100%	\$595.80	\$17,225
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of construction)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$595.80	\$17,225

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



FOUNDATIONS	Quantity	Unit	Rate	Total (\$)
Standard Foundations				
Reinforced concrete pile caps (13EA)				
Excavation and disposal offsite	11	CY	\$45.00	\$488
Concrete, 4000 psi	11	CY	\$280.00	\$3,033
Formwork	468	SF	\$10.00	\$4,680
Reinforcement	2,167	LB	\$1.50	\$3,250
Reinforced concrete grade beams (GB1 &				
Excavation and disposal offsite	314	CY	\$45.00	\$14,130
Concrete, 4000 psi	314	CY	\$280.00	\$87,920
Formwork	5,404	SF	\$10.00	\$54,040
Reinforcement	57,900	LB	\$1.50	\$86,850
Post-tensioning reinforcement	3,465	LB	\$5.00	\$17,325
Elevator pit; complete with waterproof membrane and subsoil drainage around pit				
Excavation and disposal offsite	16	CY	\$45.00	\$735
Reinforced concrete slab on grade, 14" thick	72	SF	\$25.00	\$1,789
Reinforced concrete wall, 8" thick	157	SF	\$75.00	\$11,753
Waterproofing membrane	157	SF	\$15.00	\$2,351
Special Foundations				
Drilled concrete pier, 4000 psi				
18" diameter x 25'deep (P1A)	675	LF	\$105.00	\$70,875
18" diameter x 40'deep (P1B)	400	LF	\$105.00	\$42,000
24" diameter x 30' deep (P2A)	1,050	LF	\$160.00	\$168,000
24" diameter x 40' deep (P2B)	840	LF	\$160.00	\$134,400
24" diameter x 50' deep (P2C)	150	LF	\$160.00	\$24,000
24" diameter x 60' deep (P2D)	540	LF	\$160.00	\$86,400
Mobilization and demobilization	1	LS	\$20,000.00	\$20,000
Pile Testing	1	LS	\$25,000.00	\$25,000
Slab On Grade, 3000 psi				
5" thick reinforced concrete slab on grade, reinforced with #5 @ 16" o.c., e.w.	17,214	SF	\$8.00	\$137,712
Slab collector (D1 ~ D5)	3,022	LB	\$2.00	\$6,044
"Stegowrap" water vapor membrane, 15mil	17,214	SF	\$1.00	\$17,214
4" thick crushed rock	213	CY	\$75.00	\$15,939
12" thick class 2 aggregate	638	CY	\$75.00	\$47,817
2" thick rigid foam	17,214	SF	<i>NIC, Not required</i>	
Thickened slab at perimeter	2,040	SF	\$14.00	\$28,560

FOUNDATIONS	Quantity	Unit	Rate	Total (\$)
Slab On Grade, 3000 psi				
Excavation and removal	3,245	CY	\$45.00	\$146,016
30" thick reworked/compacted engineered fill				<i>included in Sitework</i>
6~12" thick scarified/moisture conditioned/compacted native soil				<i>included in Sitework</i>
Miscellaneous				
Perimeter perforated drain pipe				<i>NIC, Not required</i>
Perimeter concrete stemwall/curb				<i>Included with Enclosure</i>
Allowance for mechanical pads	1	LS	\$5,000.00	\$5,000
Subtotal For Foundations:				\$1,263,320

SUPERSTRUCTURE	Quantity	Unit	Rate	Total (\$)
Vertical Structure				
Structural steel columns, HSS	21	T	\$5,000.00	\$105,000
Structural steel braced frame, WF	37	T	\$4,800.00	\$177,600
Structural steel braced frame, diagonal SCB	13	T	\$4,800.00	\$62,400
Base plates, ref. S305	163	EA	\$500.00	\$81,500
Miscellaneous connection, including gusset plates	1	LS	\$30,000.00	\$30,000
Level2 Construction				
Structural steel framing	89	T	\$4,800.00	\$427,200
Miscellaneous connection, allow 10%	1	LS	\$42,720.00	\$42,720
Metal deck, W3-18ga	11,244	SF	\$5.00	\$56,220
Normal weight concrete, 3000 psi	174	CY	\$260.00	\$45,115
Finish top of concrete	11,244	SF	\$1.00	\$11,244
Reinforcement, #4 @ 12" o.c., e.w.	18,215	LB	\$1.50	\$27,323
Continuous edge bent plate	566	LF	\$20.00	\$11,320
Headed studs at 12" o.c.	3,109	EA	\$3.00	\$9,327
Glulam beam 5-1/8 x 12	92	LF	\$250.00	\$23,000

SUPERSTRUCTURE

	Quantity	Unit	Rate	Total (\$)
Attic/Mechanical Platform				
Structural steel framing and miscellaneous connection	1	T	\$4,800.00	\$4,800
Miscellaneous connection, allow 10%	1	LS	\$500.00	\$500
1/2" thick plywood	1,023	SF	\$6.00	\$6,138
1000S200-54 @ 16" o.c.	1,023	SF	\$12.00	\$12,276
Wood shearwall S6, with 362X162-43 studs at 12" o.c.	1,512	SF	\$18.00	\$27,216
Roof Construction				
Structural steel framing	89	T	\$4,800.00	\$427,200
Miscellaneous connection, allow 10%	1	LS	\$42,720.00	\$42,720
1/2" thick fire treated plywood	16,531	SF	\$5.00	\$82,653
(2) 1/2" thick fire treated plywood at roof eave	3,792	SF	\$10.00	\$37,920
3x6 decking at roof eaves			<i>included in Exterior Soffit</i>	
Steel deck, B16	20,323	SF	\$6.00	\$121,935
Miscellaneous				
Sprayed-fireproofing			<i>NIC, Not required</i>	
Miscellaneous metal	28,910	GSF	\$2.00	\$57,820
Miscellaneous rough carpentry	28,910	GSF	\$1.00	\$28,910
Forming depressed slab	510	LF	\$10.00	\$5,100
Decorative timber rafter, ref. S-511	1,042	LF	\$25.00	\$26,050
Design/build seismic bracing of equipment and non-structural components, and for seismic certification of equipment (seismic risk category IV)	28,910	GSF	\$3.00	\$86,730
Subtotal For Superstructure:				\$2,077,937

ENCLOSURE

	Quantity	Unit	Rate	Total (\$)
Wall Framing, Furring and Insulation				
Drainage mat, 1/4" thick	16,368	SF	\$3.50	\$57,289
Rigid insulation, 1" thick	16,368	SF	\$2.50	\$40,921
Waterproofing membrane	16,368	SF	\$0.50	\$8,184
Exterior sheathing, 1/2" thick	16,368	SF	\$4.00	\$65,473
Light gauge metal stud	16,368	SF	\$14.00	\$229,156
Batt insulation, R19	16,368	SF	\$1.50	\$24,552

ENCLOSURE	Quantity	Unit	Rate	Total (\$)
Applied Exterior Finishes				
Cement plaster (3-coat plaster system) with decorative texture and reveals (CP-1)	16,368	SF	\$28.00	\$458,311
Precast Column				
GFRC custom column at entry; precast concrete round column cover, custom precast concrete base cap and base panel	4	EA	\$3,500.00	\$14,000
Windows, Glazing & Louvers				
Storefront/window system; steel framed, bronze finish with exterior acoustic/insulated, double glazed solarban 72 starfire, 1/4" glass lite, STC 35 (GL-1)	708	SF	\$335.00	\$237,180
Aluminum thermal window with exterior acoustic/insulated, double glazed solarban 72 starfire, 1/4" glass lite, STC 35 (GL-1)	1,373	SF	\$175.00	\$240,275
Aluminum thermal window with exterior acoustic/insulated, double glazed solarban 72, translucent, STC 35 (GL-2)	237	SF	\$150.00	\$35,550
Windows, Glazing & Louvers				
Premium for level-5 security low-e glazing at police department (GL-3)	207	SF	\$225.00	\$46,575
Aluminum louver (L1~L8)	100	SF	\$75.00	\$7,500
Premium for operable windows	46	EA	\$350.00	\$16,100
Interior finish of exterior wall				
Painted gypwall	16,368	SF	\$5.00	\$81,841
Exterior Doors, Frames and Hardware				
Double steel glass door with muntins (DGL-4)	6	PR	\$8,000.00	\$48,000
Double flush hollow metal door (DFL-1)	3	PR	\$6,000.00	\$18,000
Double flush solid core steel door with vision panel (DVLVP-1)	1	PR	\$8,000.00	\$8,000
Single flush wood door (FL-1 and 2)	6	EA	\$3,000.00	\$18,000
Single flush glass door (SGL-4)	1	EA	\$3,500.00	\$3,500
Single flush hollow metal with louvers (LV-2)	1	EA	\$3,200.00	\$3,200
Special door hardware				
Buzzer entry	2	EA	\$1,500.00	\$3,000
Cardkey access	9	EA	\$2,500.00	\$22,500
Door operator	2	EA	\$2,500.00	\$5,000

ENCLOSURE	Quantity	Unit	Rate	Total (\$)
Fascias, bands, screens, trim, wood articulation at doors, etc.				
Precast concrete veneer base (PC-1)	819	LF	\$32.00	\$26,208
Window sill, 4"~6" precast concrete sill to match precast wall base	380	LF	\$52.00	\$19,760
Decorative metal rail type 1 (MC-3)	44	LF	\$150.00	\$6,600
Custom/precast decorative jamb	1	LS	\$16,000.00	\$16,000
Sheet metal coping (MC-2)	40	LF	\$30.00	\$1,200
Soffits				
Exterior wood plank soffit (WD-1)	3,760	SF	\$45.00	\$169,200
Suspended wood grille soffit (WG-1)	32	SF	\$75.00	\$2,400
Balustrades, parapets and roof screens				
Cityhall well, cement plaster finish system on gypsum sheathing board on metal stud framing 4'-4" high (CP-1)	173	SF	\$45.00	\$7,800
Fumehood chimney/enclosure				
4" metal stud frame with 3-coat plaster at exterior and fiber cement panel at interior side	192	SF	\$75.00	\$14,400
Painted decorative metal coping	24	LF	\$30.00	\$720
Access panel, 30" x 48"	1	EA	\$2,500.00	\$2,500
Miscellaneous Work				
Rough carpentry	28,910	GSF	\$0.75	\$21,683
City Hall mock-up	1	LS	\$50,000.00	\$50,000
Subtotal For Enclosure:				\$2,030,578

ROOFING	Quantity	Unit	Rate	Total (\$)
Roof Coverings				
Modified bituminous roofing system over tapered rigid insulation, flat roof area	548	SF	\$16.00	\$8,768
Clay tile roof over fire-treated battens, over adhered membrane, sloped roof area	19,775	SF	\$28.00	\$553,688

ROOFING	Quantity	Unit	Rate	Total (\$)
Roofing upstands and sheetmetal				
Gutter, bronze painted aluminum	1,042	LF	\$35.00	\$36,470
Downspout, bronze painted aluminum	380	LF	\$30.00	\$11,400
Roof Lights				
Skylight type A; exterior acoustic, insulated, double glazed solarban 72 starfire, 1/4" glass lite with laminated interior lite with 1/2" air gap, STC42 (GL4)	17	SF	\$350.00	\$5,843
Skylight type B; exterior acoustic, insulated, double solarban 72, glazed with laminated interior lite with 1/2" air gap, translucent STC42 (GL5)	37	SF	\$250.00	\$9,308
Skylight type C; exterior acoustic, insulated, double glazed solarban 72 with laminated interior lite with 1/2" air gap, translucent STC42 (GL5)	65	SF	\$250.00	\$16,294
Premium for automatic operable system				<i>NIC, Not required</i>
Miscellaneous work				
Roof access hatches with ladder				<i>NIC, Not required</i>
Fall arrest - Allowance				<i>Included in Bid Alternate #4</i>
Caulking and sealants	28,910	GSF	\$0.50	\$14,455
Subtotal For Roofing:				\$656,225

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Partitions				
Non-rated Partitions				
Type A - Includes metal stud framing, batt insulation, 5/8" gypboard on one side, finished				
A0X - 7/8" hat channel	19	SF	\$11.00	\$208
A2X - 2 1/2" metal stud	899	SF	\$12.50	\$11,243
A2XA - 2 1/2" metal stud and premium for impact resistant gypboard	412	SF	\$136.00	\$55,998
A3X - 3 5/8" metal stud	2,257	SF	\$13.00	\$29,341
A3Z - 3 5/8" metal stud	439	SF	\$13.00	\$5,712
A3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	377	SF	\$13.00	\$4,906
A6Z - 6" metal stud	572	SF	\$13.50	\$7,727

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Type B - Includes metal stud framing, batt insulation, 5/8" gypboard on both sides, finished				
B2X - 2 1/2" metal stud	31	SF	\$17.00	\$527
B3X - 3 5/8" metal stud	1,261	SF	\$17.50	\$22,068
B3Z - 3 5/8" metal stud	4,963	SF	\$17.50	\$86,857
B3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	6,294	SF	\$17.50	\$110,137
B6X - 6" metal stud	25	SF	\$18.00	\$450
B6Z - 6" metal stud	1,160	SF	\$18.00	\$20,874
B6ZA - 6" metal stud and premium for impact resistant gypboard	510	SF	\$18.00	\$9,185
B8Z - 8" metal stud	224	SF	\$18.50	\$4,149
Type C - Includes metal stud framing, batt insulation, 5/8" gypboard underlayment on one side, 5/8" gypboard on both sides,				
C3Z - 3 5/8" metal stud	4,871	SF	\$21.00	\$102,296
C3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	5,774	SF	\$21.00	\$121,261
Type E - Includes metal stud framing, batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard on one side, finished				
E2ZA - 2 1/2" metal stud and premium for impact resistant gypboard	226	SF	\$72.50	\$16,392
E3Z - 3 5/8" metal stud	112	SF	\$73.00	\$8,180
E3ZA & E3.2ZA - 3 5/8" metal stud and premium for impact resistant gypboard	348	SF	\$73.00	\$25,411
Type F - Includes double metal stud framing, double batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard on both sides, finished				
F3ZA, F3.1ZA & F3.2ZA - 3 5/8" metal stud and premium for impact resistant gypboard	1,249	SF	\$85.50	\$106,747

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Partitions				
Non-rated Partitions				
Type G - Includes metal stud framing, batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard on both sides, finished				
G3Z - 3 5/8" metal stud	476	SF	\$77.50	\$36,875
G6ZA - 6" metal stud and premium for impact resistant gypboard	59	SF	\$78.00	\$4,602
Type H - Includes metal stud framing, batt insulation, 1 1/8" fire resistant plywood and security mesh on one side, 5/8" gypboard underlayment on both sides, 5/8" gypboard on both sides, finished				
H3Z - 3 5/8" metal stud	923	SF	\$27.50	\$25,394
H3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	707	SF	\$27.50	\$19,454
H6X - 6" metal stud	302	SF	\$28.00	\$8,467
Type J - Includes metal stud framing, batt insulation, furring channel, 1" acoustic backerboard, acoustic cement plaster on one side, 5/8" gypboard on one side, finished				
J6ZB - 6" metal stud and without gypboard on one side	995	SF	\$40.50	\$40,310
Type K - Includes metal stud framing, batt insulation, 3/4" fire resistant plywood, 5/8" abuse resistant gypboard on one side, 5/8" gypboard on one side, finished				
K3Z - 3 5/8" metal stud	300	SF	\$18.50	\$5,544
K6ZA - 6" metal stud and premium for impact resistant gypboard	558	SF	\$19.50	\$10,872
Type L - Includes double metal stud framing, double batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard underlayment on both sides, 5/8" gypboard on both sides, finished				
L3ZA, L3.1ZA & L3.2ZA - 3 5/8" metal stud and premium for impact resistant gypboard	1,071	SF	\$92.50	\$99,026

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Partitions				
Non-rated Partitions				
Type M - Includes double metal stud framing, double batt insulation, 5/8" gypboard underlayment on both sides, 5/8" gypboard on both sides, finished				
M3Z - 3 5/8" metal stud	543	SF	\$32.50	\$17,638
M3ZA & M3.1ZA - 3 5/8" metal stud and premium for impact resistant gypboard	905	SF	\$24.50	\$22,173
Type N - Includes metal stud framing, batt insulation, 5/8" gypboard underlayment on both sides, 5/8" gypboard on both sides,				
N3Z - 3 5/8" metal stud	543	SF	\$24.50	\$13,296
N3ZA & N3.1ZA - 3 5/8" metal stud and premium for impact resistant gypboard	3,470	SF	\$24.50	\$85,025
N3YA - 3 5/8" metal stud and premium for impact resistant gypboard	467	SF	\$24.50	\$11,442
N8Z - 8" metal stud	61	SF	\$25.50	\$1,549
Type P - Includes double metal stud framing, double batt insulation, 3/4" fire resistant plywood, 5/8" abuse resistant gypboard on one side, 5/8" gypboard on one side, finished				
P3Z & P3.1Z - 3 5/8" metal stud	543	SF	\$27.00	\$14,653
P3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	200	SF	\$27.00	\$5,395
Type Q - Includes double metal stud framing, double batt insulation, 5/8" gypboard on both sides, finished				
Q3X - 3 5/8" metal stud	112	SF	\$24.50	\$2,745
Rated Partitions, 1 hour				
Type B - Includes metal stud framing, batt insulation, 5/8" gypboard on both sides, finished				
1B3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	232	SF	\$17.50	\$4,064
Type D - Includes C-H stud framing, batt insulation, 1" gypboard liner on one side, 5/8" type "X" gypboard on one side, finished				
1D3 - 4" metal stud	689	SF	\$17.50	\$12,049

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Partitions				
Rated Partitions, 1 hour				
Type G - Includes metal stud framing, batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard on both sides, finished				
1G3Z - 3 5/8" metal stud	1,106	SF	\$76.00	\$84,018
Fire barrier sealant	407	LF	\$10.00	\$4,068
Backing and blocking	28,910	GSF	\$1.25	\$36,138
Caulking and sealants	28,910	GSF	\$1.00	\$28,910
Moveable Partitions				
Sliding custom wooden screen panel, 28' x 8'-4", with locking device (SSP)	1	EA	\$26,500.00	\$26,500
Elevator smoke curtain "smokeguard"	2	EA	\$10,000.00	\$20,000
Window Walls				
Aluminum storefront (GL-10 safety glazing)	394	SF	\$125.00	\$49,250
Aluminum security window (GL-11 security level 5 glazing)	56	SF	\$275.00	\$15,290
GL-11 security level 5 glazing, with voice around slotted frame and currency tray	48	SF	\$275.00	\$13,228
Sidelights	223	SF	\$95.00	\$21,185
Balustrades and rails				
Steel grille custom guardrail with continuous wood top, painted	71	LF	\$350.00	\$24,815
Custom wood screen at lobby reception	62	SF	\$50.00	\$3,090
Custom decorative iron grille at windows	4	EA	\$350.00	\$1,400
Precast concrete window sill	19	LF	\$35.00	\$665
Interior Doors, Frames and Hardware				
Single flush wood door (FL-1)	68	EA	\$2,000.00	\$136,000
Single flush wood stile inset door (FL-2)	2	EA	\$2,400.00	\$4,800
Single steel glass door with muntins (SGL-4)	1	EA	\$2,500.00	\$2,500
Single flush glass door (SGL-1)	2	EA	\$3,000.00	\$6,000
Single sliding door (PCK-1)	1	EA	\$1,800.00	\$1,800
Single mesh door (SGT-1)	1	EA	\$1,600.00	\$1,600
Single flush wood door with vision panel (FLVP-1)	9	EA	\$2,200.00	\$19,800
Single flush wood door with vision panel (FLVP-3)	1	EA	\$2,400.00	\$2,400

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Doors, Frames and Hardware				
Double flush hollow metal door (DFL-1)	6	PR	\$3,400.00	\$20,400
Premium for ballistic resistant door (BRWD)	2	EA	\$2,000.00	\$4,000
Special door hardware				
Buzzer entry	2	EA	\$1,500.00	\$3,000
Cardkey access	17	EA	\$2,000.00	\$34,000
Panic device	1	EA	\$1,500.00	\$1,500
Fittings				
Protective guards, barriers and bumpers				
Corner guards 48" high	16	EA	\$100.00	\$1,600
Solid wood rail, 4" high	355	LF	\$25.00	\$8,875
Prefabricated compartments and accessories				
Toilet Partitions				
Standard	2	EA	\$1,100.00	\$2,200
Disabled	6	EA	\$1,400.00	\$8,400
Toilet Accessories				
Recessed seat cover dispenser, toilet paper dispenser, napkin disposal	8	EA	\$450.00	\$3,600
Recessed seat cover dispenser, toilet paper dispenser	4	EA	\$450.00	\$1,800
Toilet seat cover dispenser	1	EA	\$150.00	\$150
Toilet seat cover dispenser, heavy duty	1	EA	\$200.00	\$200
Toilet paper dispenser	1	EA	\$100.00	\$100
Toilet paper dispenser, heavy duty	1	EA	\$150.00	\$150
Soap dispenser	14	EA	\$100.00	\$1,400
ADA grab bar	10	SET	\$500.00	\$5,000
Recessed paper towel dispenser/waste receptacle combo	11	EA	\$450.00	\$4,950
Paper towel dispenser	1	EA	\$300.00	\$300
Double coat rack	5	EA	\$100.00	\$500
Framed mirror	145	SF	\$50.00	\$7,230
Recessed sanitary napkin vendor	3	EA	\$150.00	\$450
Recessed baby changing station	5	EA	\$500.00	\$2,500
Shower stall				
Shower stall	3	EA	\$2,500.00	\$7,500
Shower curtain and rod	3	EA	\$300.00	\$900
Recessed soap dish	3	EA	\$100.00	\$300
Shower seat	2	EA	\$350.00	\$700

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Shelving and Millwork				
Storage shelving braced to wall, 6'-6" high	50	LF	\$250.00	\$12,475
Vanity countertop	32	LF	\$200.00	\$6,300
Custom wood veneer reception desk, with solid surface countertop, 2'-3" deep	15	LF	\$600.00	\$9,000
Custom community development counter, with stone surface countertop, 3'-8" deep	28	LF	\$800.00	\$22,400
Wall mounted shelf	10	LF	\$100.00	\$1,000
Wall mounted shelves at parcel drop	23	LF	\$100.00	\$2,250
Wood brochure rack				<i>NIC, CFCI</i>
Janitor's shelf and mop rack	2	EA	\$500.00	\$1,000
Allowance for EOC and council storage	1	LS	\$2,500.00	\$2,500
Upper cabinets, wood veneer	128	LF	\$300.00	\$38,370
Upper cabinets, open shelving	54	LF	\$300.00	\$16,080
Lower cabinets, wood veneer	199	LF	\$350.00	\$69,580
Lower cabinets, open shelving	55	LF	\$350.00	\$19,285
Mail boxes	66	EA	\$100.00	\$6,600
Cabinets and Countertops				
Full height cabinets, wood veneer	6	LF	\$750.00	\$4,725
Full height cabinets, open shelving	6	LF	\$750.00	\$4,125
Countertops (SS-1)	181	LF	\$150.00	\$27,150
Solid surface countertops (SS-2)	104	LF	\$200.00	\$20,820
Stainless steel countertops	10	LF	\$250.00	\$2,525
Brace shelving to wall (OFCI)	2	EA	\$300.00	\$600
Display case (OFCI)	1	EA	\$500.00	\$500
Chalkboards and Graphics				
Signages				
City seal; custom bronze plaque, raised letters and artworks to be satin finish (OFCI)	1	LS	\$1,500.00	\$1,500
Project ID monument @ Fair Oaks & Ashfield/station lane, 12'-0" wide x 3'-0" high, with 1" thick cut-out bronze letters "Atherton Town Center"	3	EA	\$10,000.00	\$30,000
Building ID, cut-out bronze letters				
"Atherton Town Center TOWN HALL"	1	EA	\$10,000.00	\$10,000
"Atherton Town Center CIVIC CENTER"	2	EA	\$10,000.00	\$20,000
"Atherton Town Center POLICE"	1	EA	\$10,000.00	\$10,000

INTERIOR CONSTRUCTION

	Quantity	Unit	Rate	Total (\$)
Chalkboards and Graphics				
Signages				
Department ID, cut-out bronze letters				
"CITY ADMINISTRATION"	1	EA	\$5,000.00	\$5,000
"Self Service POST STATION"	1	EA	\$5,000.00	\$5,000
"POLICE"	1	EA	\$5,000.00	\$5,000
"COMMUNITY DEVELOPMENT CENTER"	1	EA	\$5,000.00	\$5,000
Directional signage, cut-out bronze letter	1	EA	\$6,000.00	\$6,000
ADA directional sign, complete with concrete footing 6' 1/2" wide x 4'-0" high	1	EA	\$5,000.00	\$5,000
Pedestrian directional sign, complete with concrete footing 6' 1/2" wide x 5'-7" high	1	EA	\$5,000.00	\$5,000
Room ID/office ID/restroom ID/G-occupancy ID, Exit signs and entrance ID and miscellaneous message sign, approx. 6 1/2" wide x 9 1/2" high	152	EA	\$150.00	\$22,800
Hours of operation on door (type T)	2	EA	\$250.00	\$500
Evacuation map, etched zinc plaque with raised text and graphics	3	EA	\$3,500.00	\$10,500
Markerboards	515	SF	\$50.00	\$25,750
Tackboards	216	SF	\$50.00	\$10,800
Flagpoles	2	EA	\$10,000.00	\$20,000

Subtotal For Interior Construction: \$2,280,535

STAIRS

	Quantity	Unit	Rate	Total (\$)
Stair Construction				
Main lobby stair 1A; consist of concrete filled metal pan landing, precast concrete tread & riser, wood tread with bullnose, wood riser, wood top rail and handrail, 1/2" square picket guardrail	1	LS	\$48,000.00	\$48,000
Steps and landing to stair 1A	130	SF	\$75.00	\$9,750
Exit/egress stair 2A & 3A; steel pan with concrete fill, complete with contrasting stripe top and bottom tread, and steel handrail/guardrail	2	FLT	\$26,500.00	\$53,000
Elevator pit ladder	1	LS	\$5,000.00	\$5,000
Retractable ladder at physical training rm.D.13	1	LS	\$1,500.00	\$1,500
Attic ladder at community development	1	LS	\$1,500.00	\$1,500

STAIRS	Quantity	Unit	Rate	Total (\$)
North Entry ramp/stair				
Concrete stair	60	LF	\$150.00	\$9,000
Premium for ramp	300	SF	\$40.00	\$12,000
Precast wall, 1'-11" thick x varying height	50	LF	\$350.00	\$17,500
Precast wall cap	50	LF	\$75.00	\$3,750
Decorative metal railing, stainless steel (H-1)	50	LF	\$300.00	\$15,000
Subtotal For Stairs:				\$176,000

INTERIOR FINISHES	Quantity	Unit	Rate	Total (\$)
Flooring				
Sealed concrete (SC)	1,348	SF	\$1.50	\$2,021
Rubber flooring with integral cove base (RF)	1,117	SF	\$8.00	\$8,938
Linoleum tile (LN)	5,479	SF	\$8.00	\$43,832
Porcelain tile, 8" x 8" (PTF)	235	SF	\$20.00	\$4,706
Porcelain tile, 12" x 12" (PTF)	4,123	SF	\$21.00	\$86,583
Porcelain tile, 24" x 24" (PTF)	1,573	SF	\$22.00	\$34,602
Carpet tile (CPT)	9,739	SF	\$6.00	\$58,432
Epoxy resin flooring with integral base (ERF)	202	SF	\$12.00	\$2,422
Wood , 7" maple	828	SF	\$25.00	\$20,700
Resilient athletic flooring (RAF)	813	SF	\$10.00	\$8,131
Raised wood platform over 3/4" plywood subfloor and acoustic underlayment	170	SF	\$30.00	\$5,100
Water vapor emission control system, under the resinous and carpet finishes - allowance	18,178	SF	\$3.50	\$63,623
Bases				
Wood	347	LF	\$10.00	\$3,474
Rubber	3,697	LF	\$3.50	\$12,941
Porcelain	425	LF	\$20.00	\$8,500
Ceramic tile, 6"	291	LF	\$20.00	\$5,820
Stone veneer, 12" x 24"	227	LF	\$25.00	\$5,675
Walls				
Porcelain tile, 2" x 6"	216	SF	\$25.00	\$5,400
Ceramic tile, 3" x 6"	1,608	SF	\$20.00	\$32,156
Ceramic tile, 6" x 12"	2,040	SF	\$20.00	\$40,803
Ceramic tile, 2" x 6"	817	SF	\$20.00	\$16,342
Terracotta wall tile	118	SF	\$25.00	\$2,948
Plaster	1,690	SF	\$20.00	\$33,794
Acoustical plaster	1,394	SF	\$25.00	\$34,855

INTERIOR FINISHES	Quantity	Unit	Rate	Total (\$)
Walls				
Stone veneer accent wall	1,258	SF	\$35.00	\$44,044
Wood panel	192	SF	\$35.00	\$6,710
Acoustic wood panel	1,072	SF	\$35.00	\$37,532
Acoustic wall panel	396	SF	\$35.00	\$13,846
Integrated picture rail	20	LF	\$100.00	\$1,950
Tackable acoustic wall panel	275	SF	\$25.00	\$6,885
Linoleum wall protection	3,296	SF	\$15.00	\$49,446
Plywood wall protection, grade B/C with clear sealer (PWP)	1,868	SF	\$20.00	\$37,360
Cork panel	40	SF	\$25.00	\$1,000
Mirror	80	SF	\$50.00	\$4,000
Paint	15,321	SF	\$1.75	\$26,811
Wood trim at west wall lobby	67	LF	\$75.00	\$5,048
Wood ledge at council chamber	79	LF	\$75.00	\$5,955
Ceiling				
Acoustical ceiling panel, 2' x 2' (ACT1)	7,914	SF	\$8.00	\$63,312
Acoustical radiant ceiling panel, 2' x 2'	4,201	SF	\$30.00	\$126,030
Acoustical wood ceiling (AWC)	1,144	SF	\$75.00	\$85,800
Acoustic stretched fabric ceiling; includes 7" rigid mineral wood insulation, 8" furring channel and 7/8" hat channel (AFC1)	3,040	SF	\$45.00	\$136,800
Gypsum board, painted (GB-1)	5,144	SF	\$20.00	\$102,880
Abuse-resistant gypsum board (GB-2)	254	SF	\$25.00	\$6,350
Abuse-resistant, radiant gypsum board (GB-2A)	76	SF	\$45.00	\$3,420
Security gypsum board; includes 1 1/8" plywood, heavy gauge wire mesh, 4" metal studs, 2 layers of 5/8" type X gypboard on	711	SF	\$30.00	\$21,330
Assume paint exposed ceiling	2,674	SF	\$2.00	\$5,348
Wood veneer on glu-lam ridge beam	208	SF	\$25.00	\$5,200
Wood wrapped structural beam				
9-1/4" x 11-1/4"	400	LF	\$125.00	\$50,000
9-1/4" x 1'-6"	30	LF	\$150.00	\$4,500
Recessed ceiling access panel	10	EA	\$1,000.00	\$10,000
Miscellaneous Allowance				
R-30 Batt insulation, under metal deck	20,323	SF	\$1.50	\$30,484
Acoustic requirement	28,910	GSF	\$2.00	\$57,820

Subtotal For Interior Finishes:	\$1,491,658
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CONVEYING	Quantity	Unit	Rate	Total (\$)
Elevators and Lifts				
Electric traction elevator, 3500 lbs, 200fpm, 2-stops	1	LS	\$175,000.00	\$175,000
Subtotal For Conveying:				\$175,000

PLUMBING	Quantity	Unit	Rate	Total (\$)
Plumbing Equipment				
Backflow Preventer C-RPBP-1	1	EA	\$3,850.00	\$3,850
Air Compressor AC-1	1	EA	\$8,650.00	\$8,650
Water Heater C-EWH-1 80 GAL	1	EA	\$4,500.00	\$4,500
Water Heater C-EWH-2 20 GAL	1	EA	\$1,850.00	\$1,850
Water Heater C-EWH-3 INSTANT	1	EA	\$2,285.00	\$2,285
Water Heater C-EWH-4 INSTANT	1	EA	\$2,285.00	\$2,285
Pump, Circ C-CP-1 3GPM	1	EA	\$2,450.00	\$2,450
Pump, Circ C-CP-2 1GPM	1	EA	\$1,850.00	\$1,850
Expansion Tank C-ET-1	1	EA	\$2,050.00	\$2,050
Expansion Tank C-ET-2	1	EA	\$1,100.00	\$1,100
Heat Exchanger; Plate C-HX-1	1	EA	\$6,850.00	\$6,850
Thermostatic Mixing Valve C-TMV-1	1	EA	\$4,850.00	\$4,850
Thermostatic Mixing Valve C-TMV-2	1	EA	\$2,450.00	\$2,450
Floor Drains	9	EA	\$1,750.00	\$15,750
Trap Primer	9	EA	\$850.00	\$7,650
Plumbing Fixtures				
Water closet	13	EA	\$2,500.00	\$32,500
Lavatory	13	EA	\$1,800.00	\$23,400
Floor Sink	1	EA	\$1,850.00	\$1,850
Sink(Kitchen)	1	EA	\$1,200.00	\$1,200
Sink (in casework)	7	EA	\$1,000.00	\$7,000
Urinal	3	EA	\$2,850.00	\$8,550
Shower with valve, drain & enclosure	3	EA	\$4,200.00	\$12,600
Mop sink	2	EA	\$1,300.00	\$2,600
Drinking fountain	1	EA	\$4,500.00	\$4,500
Floor clean out	16	EA	\$565.00	\$9,040
3" Roof drain	4	EA	\$1,450.00	\$5,800
4" Roof downspout connection	1	EA	\$850.00	\$850
3" Roof downspout connection	5	EA	\$750.00	\$3,750
Water closet (Detention)	1	EA	\$3,500.00	\$3,500
Lavatory (Detention)	1	EA	\$2,500.00	\$2,500

PLUMBING	Quantity	Unit	Rate	Total (\$)
Domestic Water Distribution				
2 1/2" Domestic water piping	750	LF	\$45.00	\$33,750
2" Domestic water piping	500	LF	\$42.00	\$21,000
1 1/2" Domestic water piping	600	LF	\$36.00	\$21,600
1" Domestic water piping	500	LF	\$34.00	\$17,000
3/4" Domestic water piping	775	LF	\$30.00	\$23,250
Domestic water pipe insulation	3,125	LF	\$12.00	\$37,500
Sanitary Waste & Vent Piping				
6" Sanitary underslab	135	LF	\$78.00	\$10,530
4" Sanitary underslab	310	LF	\$48.00	\$14,880
3" Sanitary underslab	135	LF	\$36.00	\$4,860
2" Sanitary underslab	230	LF	\$30.00	\$6,900
Storm Water Piping				
6" Storm drain piping	25	LF	\$85.00	\$2,125
4" Storm drain piping	245	LF	\$50.00	\$12,250
3" Storm drain piping	225	LF	\$45.00	\$10,125
Natural Gas Piping				
Black steel pipe with fittings & hangers (Allowance)				<i>NIC, Not required</i>
Miscellaneous				
Valves and consumables	1	LS	\$7,500.00	\$7,500
Disinfecting & flushing	1	LS	\$15,000.00	\$15,000
Coring, sealing and firestopping	1	LS	\$10,000.00	\$10,000
Coordination, commissioning support & management	1	LS	\$20,000.00	\$20,000
Fees & permits	1	LS	\$5,000.00	\$5,000
Subtotal For Plumbing:				\$461,330

HEATING, VENTILATION, & AIR-CONDITIONING

	Quantity	Unit	Rate	Total (\$)
Equipment				
C-EF-1 175cfm	1	EA	\$500.00	\$500
C-EF-2 660cfm	1	EA	\$1,650.00	\$1,650
C-EF-3 1265cfm	1	EA	\$4,000.00	\$4,000
C-EF-4 525cfm	1	EA	\$1,285.00	\$1,285
C-EF-5 110cfm	1	EA	\$325.00	\$325
C-EF-6 110cfm	1	EA	\$325.00	\$325
C-EF-7 1260cfm	1	EA	\$3,150.00	\$3,150
C-EF-8 1080cfm	1	EA	\$2,700.00	\$2,700
C-EF-9 670cfm	1	EA	\$1,700.00	\$1,700
C-EF-10 310cfm	1	EA	\$885.00	\$885
C-EF-12 450cfm	1	EA	\$1,180.00	\$1,180
C-EF-13 1800cfm	1	EA	\$5,650.00	\$5,650
C-EF-11 310cfm	1	EA	\$885.00	\$885
C-GEF-12 865cfm	1	EA	\$3,850.00	\$3,850
C-GEF-13 865cfm	1	EA	\$3,850.00	\$3,850
C-FC-1	1	EA	\$5,345.00	\$5,345
AHU-1 2900cfm	1	EA	\$46,500.00	\$46,500
AHU-2 4850cfm	1	EA	\$77,600.00	\$77,600
AHU-3 3000cfm	1	EA	\$48,000.00	\$48,000
VAV Terminal Unit	22	EA	\$1,800.00	\$39,600
C-CHWP-1 142gpm	1	EA	\$6,700.00	\$6,700
C-CHWP-2 142gpm	1	EA	\$6,700.00	\$6,700
C-HWP-1 150gpm	1	EA	\$7,150.00	\$7,150
C-HWP-2 150gpm	1	EA	\$7,150.00	\$7,150
C-AS-1	1	EA	\$1,285.00	\$1,285
C-AS-2	1	EA	\$1,285.00	\$1,285
C-ET-1	1	EA	\$3,800.00	\$3,800
C-ET-2	1	EA	\$3,800.00	\$3,800
VFD	8	EA	\$2,850.00	\$22,800
Radiant slab	1,683	SF	\$15.00	\$25,245
Radiant ceiling system connection	7,098	SF	\$8.00	\$56,784
VRF Heat Pump 26TON	1	LS	\$35,600.00	\$35,600
VRF Heat Pump 3TON	1	LS	\$4,275.00	\$4,275
VRF Heat Pump 2TON	2	LS	\$2,850.00	\$5,700
VRF Fan Coil Unit (AC 1-7) (FC 1-3)	10	EA	\$6,035.00	\$60,350
Mode Control Unit	2	EA	\$14,500.00	\$29,000
Refrigerant Tubing	400	LF	\$48.85	\$19,540
Ceiling Fan	29	EA	\$1,800.00	\$52,200

HEATING, VENTILATION, & AIR-CONDITIONING	Quantity	Unit	Rate	Total (\$)
Piping				
3" HW	300	LF	\$45.00	\$13,500
2 1/2" HW / CHW	660	LF	\$40.00	\$26,400
2" HW / CHW	680	LF	\$35.00	\$23,800
1 1/2" HW /CHW	680	LF	\$25.00	\$17,000
Pipe insulation	2,320	SF	\$14.00	\$32,480
Condensate drain piping with fittings & hangers	450	LF	\$18.00	\$8,100
Valves & accessories	28,910	GSF	\$1.00	\$28,910
Ductwork				
Galvanized ductwork with fittings & hangers	21,500	LB	\$11.85	\$254,775
Duct insulation	15,120	SF	\$4.15	\$62,748
Galvanized ductwork; Internally Insulated with fittings & hangers	3,150	LB	\$15.00	\$47,250
Stainless Steel Duct / Fume Hood	1,650	LB	\$16.00	\$26,400
Registers, grilles & diffusers	152	EA	\$285.00	\$43,320
Miscellaneous sheet metal accessories	28,910	GSF	\$1.00	\$28,910
Miscellaneous				
Automatic temperature control DDC	28,910	GSF	\$7.16	\$206,996
Test and balance	1	LS	\$24,000.00	\$24,000
Coring and firestopping	1	LS	\$7,000.00	\$7,000
Rigging & equipment rental	1	LS	\$15,000.00	\$15,000
Coordination, commissioning support & management	1	LS	\$40,000.00	\$40,000
Fees & permits	1	LS	\$15,000.00	\$15,000
Subtotal For Heating, Ventilation, & Air-Conditioning:			\$1,519,933	

FIRE PROTECTION	Quantity	Unit	Rate	Total (\$)
Wet Pipe Sprinkler Distribution				
Double check valve			<i>Included in PD Site Improvement</i>	
Wet alarm valve			<i>NIC, Not required</i>	
Fire department connection			<i>Included in PD Site Improvement</i>	
Sprinkler head	245	EA	\$135.00	\$33,075
Miscellaneous valves	1	LS	\$7,500.00	\$7,500
Main sprinkler pipe with fittings & hangers	950	LF	\$30.00	\$28,500
Branch sprinkler pipe with fittings & hangers	2,995	LF	\$25.00	\$74,875

FIRE PROTECTION	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Hydraulic calculations	1	LS	\$4,500.00	\$4,500
Coring and firestopping	1	LS	\$3,000.00	\$3,000
Coordination & management	1	LS	\$5,000.00	\$5,000
Drawings	1	LS	\$3,000.00	\$3,000
Fees & permits	1	LS	\$2,200.00	\$2,200
Subtotal For Fire Protection:				\$161,650

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Electrical Service and Distribution				
2000A distribution panelboard	1	EA	\$75,000.00	\$75,000
600A distribution panelboard	1	EA	\$20,000.00	\$20,000
400A distribution panelboard	1	EA	\$15,000.00	\$15,000
400A panelboard	1	EA	\$12,000.00	\$12,000
250A panelboard	1	EA	\$8,500.00	\$8,500
150A panelboard	1	EA	\$2,350.00	\$2,350
125A panelboard	6	EA	\$2,150.00	\$12,900
100A panelboard	2	EA	\$2,000.00	\$4,000
112.5KVA transformer	1	EA	\$10,150.00	\$10,150
75KVA transformer	2	EA	\$8,700.00	\$17,400
45KVA transformer	3	EA	\$6,500.00	\$19,500
37.5VA transformer				<i>NIC, Deleted</i>
600A feed	50	LF	\$185.00	\$9,250
400A feed	90	LF	\$126.00	\$11,340
250A feed	35	LF	\$68.00	\$2,380
150A feed	215	LF	\$45.00	\$9,675
125A feed	555	LF	\$38.00	\$21,090
100A feed	450	LF	\$30.00	\$13,500
Grounding and bonding	1	LS	\$7,500.00	\$7,500
Emergency power				
Vendors quote for emergency generator with cover, fuel tank, annunciator and ATS	1	LS	\$160,000.00	\$160,000
500KW emergency generator (Labor)	1	EA	\$15,550.00	\$15,550
Annunciator (Labor)	1	EA	\$1,000.00	\$1,000
600A ATS WP (Labor)	1	EA	\$2,240.00	\$2,240
400A ATS WP (Labor)	1	EA	\$1,400.00	\$1,400
Rigging				<i>Incl. Above</i>
600A distribution panelboard	1	EA	\$30,000.00	\$30,000
Feeders included with normal power				<i>Incl. Above</i>

ELECTRICAL

Quantity

Unit

Rate

Total (\$)

Photovoltaic system, with array of panels,
inverters, panelboards, feeders and installation

See Alternate

Equipment wiring

Mechanical equipment feed and connections	28,910	GSF	\$0.25	\$7,228
Elevator feed and connection	1	EA	\$4,500.00	\$4,500
Elevator cab power feed and connection	1	EA	\$1,500.00	\$1,500
AHU feed and connection	3	EA	\$4,500.00	\$13,500
EF feed and connection	15	EA	\$1,500.00	\$22,500
FCU feed and connection	10	EA	\$1,000.00	\$10,000
Pump feed and connection	14	EA	\$1,500.00	\$21,000
Split feed and connection	1	EA	\$3,000.00	\$3,000
VFD feed and connection only	8	EA	\$950.00	\$7,600
EWH feed and connection	4	EA	\$650.00	\$2,600
Air compressor feed and connection	1	EA	\$1,500.00	\$1,500
Ceiling fan feed and backbox only	29	EA	\$450.00	\$13,050
Toilet/sink sensor feed and connection	4	EA	\$350.00	\$1,400
Motorized doors feed and connection	21	LOC	\$1,500.00	\$31,500

Lighting and Branch Wiring

Light Fixtures

Lighting Vendors quote	1	LS	\$271,350.00	\$271,350
Lighting cost below include Labor to install only:				
Type C1	99	LF	\$23.00	\$2,277
Type P1A	32	LF	\$23.00	\$736
Type P1B	10	LF	\$23.00	\$230
Type P1C	12	LF	\$23.00	\$276
Type P1D	10	LF	\$23.00	\$230
Type P2	32	LF	\$23.00	\$736
Type P3	69	EA	\$140.00	\$9,660
Type P4	1	EA	\$140.00	\$140
Type P5	6	EA	\$140.00	\$840
Type P6A	12	EA	\$140.00	\$1,680
Type P6B	3	EA	\$140.00	\$420
Type P7A	17	EA	\$140.00	\$2,380
Type P7B	6	EA	\$140.00	\$840
Type P9	9	EA	\$140.00	\$1,260
Type P10	7	EA	\$140.00	\$980
Type R1	12	EA	\$140.00	\$1,680
Type R2A	46	EA	\$140.00	\$6,440
Type R3	2	EA	\$140.00	\$280
Type R5	11	EA	\$140.00	\$1,540

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Lighting and Branch Wiring				
Light Fixtures				
Type R8	13	EA	\$210.00	\$2,730
Type R9	1	EA	\$140.00	\$140
Type S2A	4	EA	\$140.00	\$560
Type S2B	29	EA	\$140.00	\$4,060
Type S6 (Tape light)	7	LF	\$20.00	\$140
Type S7	56	LF	\$23.00	\$1,288
Type V1	2	EA	\$225.00	\$450
Type W2	30	LF	\$23.00	\$690
Type W2	80	LF	\$23.00	\$1,840
Type W3	30	LF	\$23.00	\$690
Type Z7	5	EA	\$280.00	\$1,400
Type Z11	11	EA	\$280.00	\$3,080
Exit	33	EA	\$140.00	\$4,620
Pit light	1	EA	\$175.00	\$175
Energy monitoring (Lighting only)				<i>Alternate</i>
Lighting controls				
Lighting control panel	1	EA	\$2,500.00	\$2,500
Network Digital lighting control system	28,910	GSF	\$6.00	\$173,460
Single pole switch	5	EA	\$40.00	\$200
DRC	59	EA	\$250.00	\$14,750
Sensor	81	EA	\$200.00	\$16,200
Dimmer switch	34	EA	\$75.00	\$2,550
Branch devices				
Double Duplex receptacle	16	EA	\$72.00	\$1,152
Double Duplex receptacle in floor box	2	EA	\$72.00	\$144
Duplex receptacle	169	EA	\$36.00	\$6,084
Duplex receptacle (Controlled)	16	EA	\$52.00	\$832
Duplex receptacle in floor box	23	EA	\$36.00	\$828
GFCI duplex receptacle	23	EA	\$40.00	\$920
2 gang floor box	33	EA	\$350.00	\$11,550
Device box	725	EA	\$38.00	\$27,550
3/4" EMT	14,500	LF	\$10.00	\$145,000
3/4" PVC	750	LF	\$10.00	\$7,500
#12 THHN	80,000	LF	\$1.10	\$88,000

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Communications and Security				
Fire Alarm				
Fire alarm control panel	1	EA	\$12,000.00	\$12,000
Graphic annunciator	1	EA	\$4,500.00	\$4,500
LCD annunciator	2	EA	\$1,500.00	\$3,000
Beacon	1	EA	\$250.00	\$250
Digital transmitter	1	EA	\$1,200.00	\$1,200
Initiating device	62	EA	\$150.00	\$9,300
Duct smoke detector and test switch	2	EA	\$500.00	\$1,000
Audio visual device	3	EA	\$125.00	\$375
Visual device	52	EA	\$115.00	\$5,980
Modules	18	EA	\$150.00	\$2,700
Device box	140	EA	\$38.00	\$5,320
3/4" EMT	3,600	LF	\$10.00	\$36,000
FA cable	5,800	LF	\$1.50	\$8,700
Testing and programming	1	LS	\$3,500.00	\$3,500
Fire Fighter Two-way Communication				
Fire Fighter Two-way Communication	1	EA	\$25,000.00	\$25,000
Telecommunications				
IDF fit out	1	EA	\$7,500.00	\$7,500
MDF fit out	1	EA	\$10,000.00	\$10,000
Network switching, PBX	1	LS	\$50,000.00	\$50,000
Device box with conduit stub to ceiling	185	EA	\$130.00	\$24,050
Cable tray	20	LF	\$65.00	\$1,300
2 gang floor box	47	EA	\$350.00	\$16,450
1-port device	3	EA	\$25.00	\$75
2-port device	182	EA	\$50.00	\$9,100
2-port device in floor box	47	EA	\$50.00	\$2,350
Speaker (Dispatch)	23	EA	\$250.00	\$5,750
WAP	44	EA	\$350.00	\$15,400
Cat.6 cable	90,000	LF	\$1.75	\$157,500
Speaker cabling	2,500	LF	\$1.75	\$4,375
Backbone cabling	120	LF	\$15.00	\$1,800
Grounding	1	LS	\$1,500.00	\$1,500
PA/Clock system				<i>NIC</i>
AV system				
AV system rough-in & power	28,910	GSF	\$0.50	\$14,455

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Security system				
Head end	1	LS	\$15,000.00	\$15,000
Camera WP	13	EA	\$1,750.00	\$22,750
Camera	22	EA	\$1,200.00	\$26,400
Card reader	22	EA	\$350.00	\$7,700
Door contact	39	EA	\$250.00	\$9,750
Electric strike (connection only, strike provided by DHC)	32	EA	\$250.00	\$8,000
REX	20	EA	\$250.00	\$5,000
Motion detector	5	EA	\$250.00	\$1,250
Glass break detector	1	EA	\$250.00	\$250
Device box	154	EA	\$38.00	\$5,852
3/4" EMT	8,000	LF	\$10.00	\$80,000
Cabling	10,000	LF	\$1.75	\$17,500
Detention room lock system (Rough-in only)	1	LS	\$7,500.00	\$7,500
E-911 (Server)				
UPS unit disconnect switch feed and connection	1	LS	\$25,000.00	\$25,000
E-911 rough-in)	1	LS	\$5,000.00	\$5,000
Dispatch Room				
Dispatch room rough-in (allow)	1	LS	\$7,500.00	\$7,500
Antenna System				
Exterior antenna power and grounding only	1	LS	\$5,000.00	\$5,000
Radio system, power only	1	LS	\$5,000.00	\$5,000
Conference/Training/Operations Room				
Sound system	2	LS	\$5,000.00	\$10,000
Rough-in	2	LS	\$1,500.00	\$3,000
Projector screen feed and connection	2	LS	\$1,200.00	\$2,400
Emergency Call System				
Call system	1	LS	\$2,500.00	\$2,500
Council Chamber Room				
Sound system	1	LS	\$9,500.00	\$9,500
Rough-in	1	LS	\$2,500.00	\$2,500
Projector screen feed and connection	1	LS	\$1,200.00	\$1,200

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Other Electrical Systems				
Temp power & lighting	1	LS	\$20,000.00	\$20,000
Seismic restraints	1	LS	\$15,000.00	\$15,000
Coordination Study and Arc Flash testing	1	LS	\$10,000.00	\$10,000
Coordination, BIM	1	LS	\$55,000.00	\$55,000
Fees & Permits	1	LS	\$35,000.00	\$35,000
Subtotal For Electrical:				\$2,308,643

EQUIPMENT	Quantity	Unit	Rate	Total (\$)
Commercial Equipment (CFCI)				
Residential equipment at staff lounge and breakroom				
Refrigerator, 18cf	2	EA	\$2,000.00	\$4,000
Refrigerator, 25cf	1	EA	\$3,000.00	\$3,000
Dishwasher	1	EA	\$1,500.00	\$1,500
Microwave	4	EA	\$500.00	\$2,000
Range and range hood	1	EA	\$4,500.00	\$4,500
TV monitors				
40" TV monitor and wall bracket	2	EA	\$1,200.00	\$2,400
60" TV monitor and wall mount	6	EA	\$1,500.00	\$9,000
70" TV monitor and wall mount	4	EA	\$2,000.00	\$8,000
LCD monitor	1	EA	\$2,000.00	\$2,000
Police Equipments				
Dispatch console, mid range	2	EA	\$32,500.00	\$65,000
Maple butcher block square edge workbench 72"W x 30"D				<i>moved to Police Ancillary Bldg - Site Police</i>
Key cabinet	1	EA	\$500.00	\$500
Undercounter refrigerator	1	EA	\$2,000.00	\$2,000
Kitchen exhaust hood, commercial type II	1	EA	\$1,500.00	\$1,500
Solvent parts washer	1	EA	\$750.00	\$750
30" fumehood	2	EA	\$8,000.00	\$16,000

EQUIPMENT	Quantity	Unit	Rate	Total (\$)
Police Equipment by "Spacesaver", quote dated February 7, 2017 (+5% cost escalation)	1	LS	\$178,946.25	\$178,946
Weapon rack storage				<i>included above</i>
Ammunition storage				<i>included above</i>
Flammable storage cabinet				<i>included above</i>
Evidence refrigerator				<i>included above</i>
Biological evidence drying cabinet				<i>included above</i>
Manually operated mobile shelving unit array				<i>included above</i>
5-door evidence locker				<i>included above</i>
Miscellaneous				
Vending machine				<i>NIC, OFOI</i>
Mail hamper				<i>NIC, OFOI</i>
Copier				<i>NIC, OFOI</i>
Subtotal For Equipment:				\$301,096

FURNISHINGS	Quantity	Unit	Rate	Total (\$)
Fixed Furnishings				
Light Control and Vision Equipment				
Mechoshade, manual installation (WC-1)	1,237	SF	\$12.00	\$14,844
Mechoshade dual shade, manual installation (WC-2 and 3)	136	SF	\$20.00	\$2,720
Amenities and Convenience Items				
Fire Extinguisher cabinets (FEC)	7	EA	\$500.00	\$3,500
Walk-off mat, metro steel gate (WM-1)	100	SF	\$50.00	\$5,000
Bike storage - Allowance	1	LS	\$3,000.00	\$3,000
Benches				
Stainless steel bench, wall mounted	12	LF	\$400.00	\$4,800
Wall mounted bench at main lobby entry				<i>NIC, FF&E</i>
Benches at locker room	15	LF	\$300.00	\$4,500
Accessible bench 20"x48"	8	LF	\$350.00	\$2,800
Metal lockers				
Large, 24" x 24" x 72"H (LK:1)	33	EA	\$1,000.00	\$33,000
Small, 12" x 24" x 72"H (LK:2)	17	EA	\$750.00	\$12,750

FURNISHINGS	Quantity	Unit	Rate	Total (\$)
Council Chambers Millwork & Furnishing				
Solid surfacing countertop (SO)	20	LF	\$250.00	\$5,000
Custom dais with built-in screen pads and microphones, with reclaimed oak wood from site, stain to match teak/clear satin finish	30	LF	\$1,250.00	\$38,000
Wood grille clad cabinet wall with sliding cabinet doors	208	SF	\$50.00	\$10,375
Lectern, custom design	1	LS	\$15,000.00	\$15,000
Relocate (E) town seal	1	EA	\$350.00	\$350
Dais seating	7	EA		<i>NIC, OFOI</i>
Council Chambers seating	56	EA		<i>NIC, OFOI</i>
Subtotal For Furnishings:				\$155,639



Library Cedar Terrace View

Library

Atherton Civic Center

Control Quantities
Library Summary
Detailed Cost Breakdown

March 26, 2018

Enclosed Areas
Ground floor, library 9,750

Subtotal of Enclosed Area 9,750

Covered Area
Roof Overhang 440

Subtotal of Covered Area at half value 220

Total of Gross Floor Area 9,970

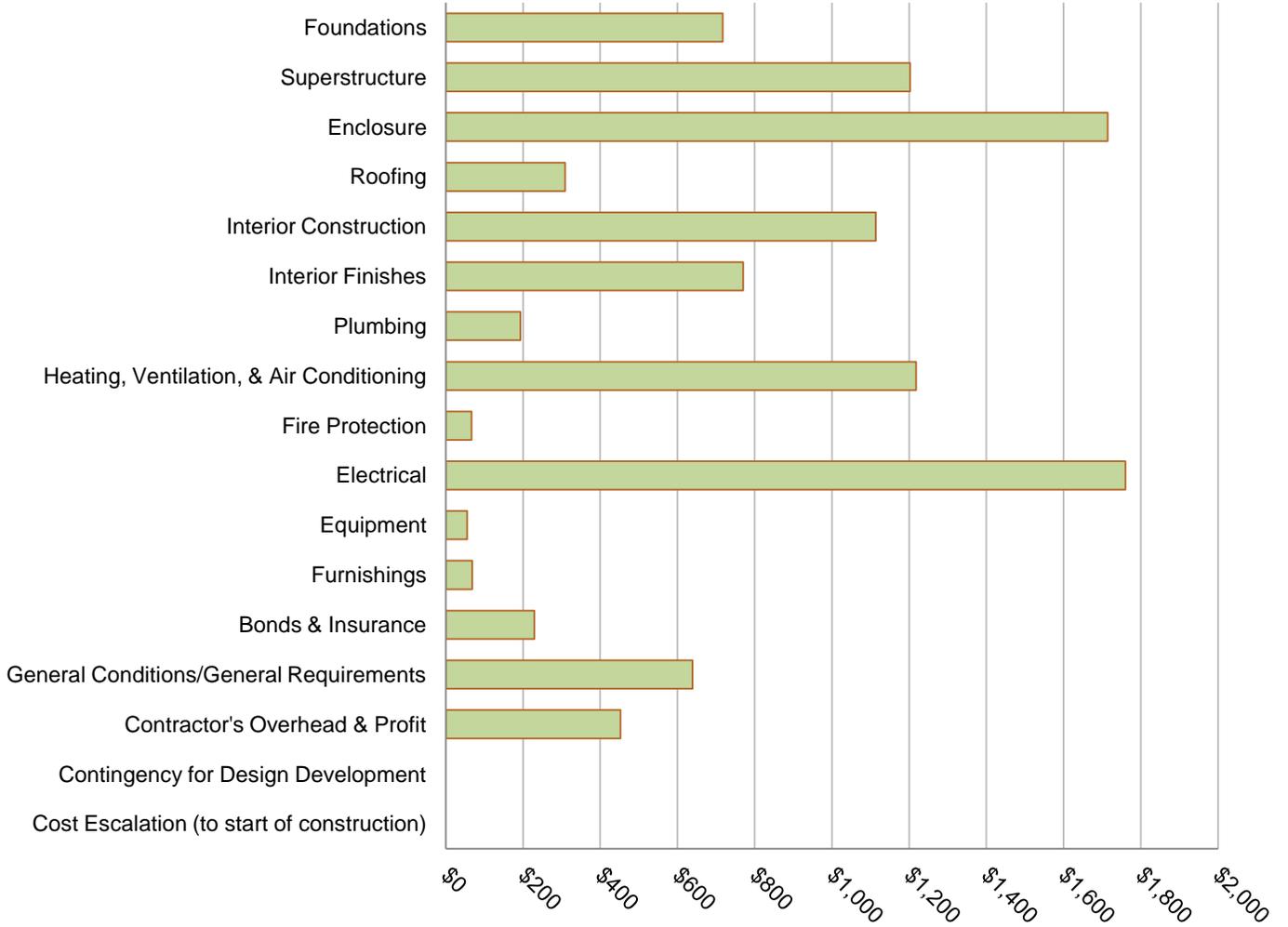
CONTROL QUANTITIES

			Ratio to Gross Area
Number of stories (x1,000)	1	EA	0.100
Gross Area	9,970	SF	1.000
Enclosed Area	9,750	SF	0.978
Covered Area	440	SF	0.044
Footprint Area	9,750	SF	0.978
Volume	190,125	CF	19.070
Gross Wall Area	11,232	SF	1.127
Finished Wall Area	7,708	SF	0.773
Windows or Glazing Area	31% 3,524	SF	0.353
Roof Area - Flat	10,190	SF	1.022
Roof Area - Sloping	0	SF	0.000
Roof Area - Total	10,190	SF	1.022
Roof Glazing Area	290	SF	0.029
Interior Partition Length	582	LF	0.058
Elevators (x10,000)	0	EA	0.000
Plumbing Fixtures (x1,000)	12	EA	1.204

CSI UniFormat Summary	9,970 SF	%	\$/SF	,\$000
Foundations		7%	\$71.91	\$717
Superstructure		11%	\$120.62	\$1,203
Enclosure		16%	\$171.94	\$1,714
Roofing		3%	\$31.01	\$309
Interior Construction		11%	\$111.69	\$1,114
Interior Finishes		7%	\$77.26	\$770
Plumbing		2%	\$19.41	\$194
Heating, Ventilation, & Air Conditioning		12%	\$122.20	\$1,218
Fire Protection		1%	\$6.67	\$67
Electrical		17%	\$176.51	\$1,760
Equipment		1%	\$5.57	\$56
Furnishings		1%	\$6.82	\$68
Subtotal - Building Construction		87%	\$921.61	\$9,188
Bonds & Insurance	2.50%	2%	\$23.04	\$230
General Conditions/General Requirements		6%	\$64.06	\$639
Contractor's Overhead & Profit	4.50%	4%	\$45.39	\$453
Subtotal		100%	\$1,054.11	\$10,509
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of construction)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$1,054.11	\$10,509

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



FOUNDATIONS

	Quantity	Unit	Rate	Total (\$)
Reinforced concrete pile caps (6EA)				
Excavation and disposal offsite	3	CY	\$45.00	\$156
Concrete, 4000 psi	3	CY	\$280.00	\$972
Formwork	150	SF	\$10.00	\$1,500
Reinforcement	694	LB	\$1.50	\$1,042
Reinforced concrete grade beams				
Excavation and disposal offsite	168	CY	\$45.00	\$7,560
Concrete, 4000 psi	168	CY	\$280.00	\$47,040
Formwork	3,122	SF	\$10.00	\$31,220
Reinforcement	18,733	LB	\$1.50	\$28,100
Post-tensioning reinforcement	382	LB	\$5.00	\$1,910
Special Foundations				
Drilled concrete pier, 4000 psi				
18" diameter x 25'deep (P1A)	975	LF	\$105.00	\$102,375
18" diameter x 40' deep (P1B)	440	LF	\$105.00	\$46,200
18" diameter x 50' deep (P1C)	450	LF	\$105.00	\$47,250
Mobilization and demobilization	1	LS	\$10,000.00	\$10,000
Pile Testing	1	LS	\$15,000.00	\$15,000
Slab On Grade, 3000 psi				
5" thick reinforced concrete slab over foam	2,074	SF	\$12.00	\$24,888
5" thick reinforced concrete slab on grade, reinforced with #5 @ 16" o.c., e.w.	9,750	SF	\$8.00	\$78,000
"Stegowrap" water vapor membrane, 15mil	9,750	SF	\$1.00	\$9,750
4" thick crushed rock	120	CY	\$75.00	\$9,028
12" thick class 2 aggregate	361	CY	\$75.00	\$27,083
Thickened slab at perimeter	1,740	SF	\$14.00	\$24,360
Thickened slab at interior concrete curb	550	SF	\$14.00	\$7,700
Excavation and removal	2,577	CY	\$45.00	\$115,958
30" thick reworked/compacted engineered fill				<i>included in Sitework</i>
6~12" thick scarified/moisture conditioned/compacted native soil				<i>included in Sitework</i>
Miscellaneous				
Perimeter perforated drain pipe				<i>NIC, Not required</i>
Concrete stemwall/curb				
Exterior/Perimeter, 8"thick x 30"high	828	SF	\$50.00	\$41,375
Exterior/Perimeter, 12"thick x 30"high	75	SF	\$55.00	\$4,125
Interior, 8"thick x 30"high	688	SF	\$50.00	\$34,375
Subtotal For Foundations:				\$716,967

SUPERSTRUCTURE

Quantity Unit

Rate

Total (\$)

Vertical Structure

Rammed earth wall , 1500 psi

Rammed earth wall, 7" thick	175	CY	\$500.00	\$87,500
Top of rammed earth, 18" thick	23	CY	\$500.00	\$11,500
Rigid insulation core	110	CY	\$75.00	\$8,250
Formwork	14,664	SF	\$24.00	\$351,936
MC18x58 ledger	11,038	LB	\$3.00	\$33,114
Structural HSS lintel	2,625	LB	\$3.00	\$7,875
Plate 1/4" thick	120	SF	\$50.00	\$6,000
Reinforcement	18,477	LB	\$1.50	\$27,715

Structural tube columns & brace frame, including connections

HSS round and square column	8	T	\$5,000.00	\$40,000
Brace frame	4	T	\$5,000.00	\$20,000
Miscellaneous connection, allow 10%	1	LS	\$6,000.00	\$6,000
Base plates	46	EA	\$500.00	\$23,000

Roof Construction

Structural steel roof framing	60	T	\$4,800.00	\$288,000
Miscellaneous connection, allow 10%	1	LS	\$28,800.00	\$28,800
3/4" thick fire treated plywood, at overhang	440	SF	\$5.00	\$2,200
Steel deck, B16	9,542	SF	\$6.00	\$57,252
Premium for steel deck, PLB-CD-18/16ga, over digital lab/maker space	670	SF	\$14.00	\$9,380
Wood joist/trellis 4x4 @ 11" o.c.	400	BF	\$20.00	\$8,000

Mechanical Roof Construction, ref. S-116

Structural steel roof framing	4	T	\$4,800.00	\$19,200
Miscellaneous connection, allow 10%	1	LS	\$2,000.00	\$2,000
Metal deck W2-18	648	SF	\$6.00	\$3,888
2" concrete over metal deck	8	CY	\$260.00	\$2,196
Mechanical platform; 8" thick concrete curb and 6" thick concrete slab over rigid insulation, max. 1'-4" thick	120	SF	\$45.00	\$5,400

PV Structural Steel Support

MC steel framing and round HSS column	12	T	\$6,000.00	\$72,000
Miscellaneous connection, allow 10%	1	LS	\$7,200.00	\$7,200

Sprayed-fireproofing

NIC, Not required

SUPERSTRUCTURE

	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Structural support at North curtainwall elevation, including connections, ref. 1/S212	1,776	LB	\$3.00	\$5,328
Structural wood framing at interior curtainwall ref. 1/S213	90	LF	\$100.00	\$9,000
Miscellaneous metal	9,970	GSF	\$2.00	\$19,940
Miscellaneous rough carpentry	9,970	GSF	\$1.00	\$9,970
Design/build seismic bracing of equipment and non-structural components, and for seismic certification of equipment	9,970	GSF	\$3.00	\$29,910
Subtotal For Superstructure:				\$1,202,554

ENCLOSURE

	Quantity	Unit	Rate	Total (\$)
Wall Framing, Furring and Insulation				
Drainage mat	2,672	SF	\$3.50	\$9,352
Rigid insulation, 1" thick	2,672	SF	\$2.50	\$6,680
Waterproofing membrane	2,672	SF	\$0.50	\$1,336
Exterior sheathing, 1/2" thick	2,672	SF	\$4.00	\$10,688
Light gauge metal stud, 6" thick	2,672	SF	\$14.00	\$37,408
Batt insulation, R19	2,672	SF	\$1.50	\$4,008
Applied Exterior Finishes				
Vertical cedar rainscreen wall (WR-1)	1,922	SF	\$50.00	\$96,100
Natural zinc wall panel (ZN-1)	750	SF	\$65.00	\$48,750
Rammed earth wall, premium for sealed finish	4,271	SF	\$5.00	\$21,353
Concrete stem wall, 30" high (CIP-1)				<i>measured with Structural Section</i>
Windows, Glazing & Louvers				
Storefront/window system; FSC teak exterior & interior frame, with insulated double glazed solarban 72 starfire, 1/4" glass lite (GL-1)	2,634	SF	\$360.00	\$948,240
FSC teak framed window with insulated double glazed solarban (GL-1)	20	SF	\$360.00	\$7,200
Premium for operable transom	15	EA	\$350.00	\$5,250
Interior finish of exterior wall				
Painted gypwall	2,672	SF	\$6.00	\$16,032

ENCLOSURE	Quantity	Unit	Rate	Total (\$)
Exterior Doors, Frames and Hardware				
Double flush glass door (DGL-1) 9'-10 3/4"w x 11'-7 3/8"high	4	PR	\$45,000.00	\$180,000
6'-0" wide x 9'-10 3/4 " high	3	PR	\$17,000.00	\$51,000
Double flush hollow metal door (DFL-1)	1	PR	\$8,400.00	\$8,400
3-panel sliding door 15'-8" wide x 9'-10" high (SL-2)	1	SET	\$56,000.00	\$56,000
Single flush wood door (FL-1)	1	EA	\$4,200.00	\$4,200
Single flush wood door with lovers (LV-1)	4	EA	\$4,500.00	\$18,000
Single flush glass door (SGL-1)	1	EA	\$3,500.00	\$3,500
Aluminum louver (L6)	38	SF	\$75.00	\$2,868
Special door hardware - Allowance	1	LS	\$18,000.00	\$18,000
Fascias, bands, screens, trim				
Zinc coping/overhang	654	LF	\$55.00	\$35,970
Zinc wrap/coping at overhang, 32" girth	50	LF	\$125.00	\$6,250
Miscellaneous bands and trim etc.	11,232	GWA	\$0.50	\$5,616
Soffits				
Exterior zinc panel soffit	440	SF	\$75.00	\$33,000
Balustrades, parapets and roof screens				
Finishes at mechanical well	399	SF	\$45.00	\$17,955
Miscellaneous Work				
River rock at perimeter rammed earth; 6" wide x 4" thick	362	LF	\$10.00	\$3,620
Rough carpentry	9,970	GSF	\$0.75	\$7,478
Library mock-up	1	LS	\$50,000.00	\$50,000
Subtotal For Enclosure:			\$1,714,253	

ROOFING	Quantity	Unit	Rate	Total (\$)
Roof Coverings				
Modified bituminous roofing system over tapered rigid insulation, flat roof area	10,190	SF	\$16.00	\$163,040
Batt insulation between structural members	10,190	SF	\$2.00	\$20,380
Roofing upstands and sheetmetal				
Roof flashing, gutters and downspouts	10,190	SF	\$2.00	\$20,380

ROOFING	Quantity	Unit	Rate	Total (\$)
Round Skylight				
Skylight (SK-A,B,C); exterior acoustic, insulated, double glazed with laminated interior lite with 1/2" air gap, translucent STC42 (GL5)	290	SF	\$250.00	\$72,500
Skylight type A; exterior acoustic, insulated, double glazed solarban 72 starfire, 1/4" glass lite with laminated interior lite with 1/2" air gap, STC42 (GL4)	17	SF	\$350.00	\$5,843
Skylight curb	134	LF	\$100.00	\$13,400
Roof or deck traffic surfaces				
Housekeeping pad and walking pad	165	SF	\$25.00	\$4,125
Miscellaneous work				
Roof access hatches with ladder	1	EA	\$4,500.00	\$4,500
Caulking and sealants	9,970	GSF	\$0.50	\$4,985
Subtotal For Roofing:				\$309,153

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Interior Partitions				
Non-rated Partitions				
Type A - Includes metal stud framing, batt insulation, 5/8" gypboard on one side, finished				
A3Z - 3 5/8" metal stud	455	SF	\$13.00	\$5,914
A8Z - 8" metal stud	41	SF	\$14.00	\$567
Type B - Includes metal stud framing, batt insulation, 5/8" gypboard on both sides, finished				
B3X - 3 5/8" metal stud	1,669	SF	\$17.50	\$29,208
B6X - 6" metal stud	43	SF	\$18.00	\$774
B8Z - 8" metal stud	110	SF	\$18.50	\$2,035
Type C - Includes metal stud framing, batt insulation, 5/8" gypboard underlayment on one side, 5/8" gypboard on both sides, finished				
C3XA - 3 5/8" metal stud	682	SF	\$21.00	\$14,322

INTERIOR CONSTRUCTION

Quantity Unit

Rate

Total (\$)

Interior Partitions

Non-rated Partitions

Type E - Includes metal stud framing, batt insulation, Level 5 bullet proof fiberglass panel on one side, 5/8" gypboard on one side, finished

E3Z - 3 5/8" metal stud	108	SF	\$73.00	\$7,884
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Type N - Includes metal stud framing, batt insulation, 5/8" gypboard underlayment on both sides, 5/8" gypboard on both sides, finished

N3X - 3 5/8" metal stud	495	SF	\$24.25	\$12,004
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N3XA - 3 5/8" metal stud and premium for impact resistant gypboard	498	SF	\$24.50	\$12,201
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N3ZA - 3 5/8" metal stud and premium for impact resistant gypboard	520	SF	\$24.50	\$12,740
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N3YA - 3 5/8" metal stud and premium for impact resistant gypboard	115	SF	\$24.50	\$2,818
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N6ZA - 6" metal stud and premium for impact resistant gypboard	315	SF	\$25.00	\$7,875
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N8Z - 8" metal stud	113	SF	\$25.50	\$2,882
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Backing and blacking	9,970	GSF	\$1.25	\$12,463
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Caulking and sealants	9,970	GSF	\$1.00	\$9,970
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Moveable Partitions

Acoustical folding partition with writable surface finish, 17'-2"wide x 9'-6"high (SFL-6)

1	EA	\$20,000.00	\$20,000
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Window Walls

Wood storefront at entry, consist of framing, rigid insulation, waterproofing membrane and wood panel on both sides

225	SF	\$315.00	\$70,875
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Storefront at study/meeting rooms & AMHS (Type L1 & L2), ref. quote from Duratherm

Perforated teak with teak frame	360	SF	\$315.00	\$113,400
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3/8" acoustic safety glazing, clear, GL-12	332	SF	\$315.00	\$104,580
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Storefront at Bookdrop/AMHS Rm.#L.6C	64	SF	\$315.00	\$20,073
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Single flush glass door (SGL-1)	5	EA	\$9,500.00	\$47,500
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Viewing window; GL13 - dual pane acoustic safety glazing, STC42 (Type L4)

48	SF	\$340.00	\$16,320
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Frameless/Butt glazed wall with 3/8" acoustic safety glazing, clear (GL12, type L3)

360	SF	\$150.00	\$54,000
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INTERIOR CONSTRUCTION

	Quantity	Unit	Rate	Total (\$)
Interior Doors, Frames and Hardware				
Single flush wood door (FL-1)	13	EA	\$2,000.00	\$26,000
Single flush glass door (SGL-1)	5	EA	<i>included in Duratherm quote</i>	
Single flush wood door with vision panel (FLVP-2)	5	EA	\$2,300.00	\$11,500
Double solid core wood door (DFL-1)	1	PR	\$3,400.00	\$3,400
4 panel sliding/folding glass panel door with teak frame, 9'-0 1/4" wide x 6'-9 1/8" high (SFL-4)	1	EA	\$15,000.00	\$15,000
Special door hardware - Allowance	1	LS	\$6,000.00	\$6,000
Fittings				
Protective guards, barriers and bumpers Allowance	9,970	GSF	\$0.25	\$2,493
Prefabricated compartments and accessories				
Toilet seat cover dispenser	7	EA	\$150.00	\$1,050
Toilet paper dispenser	7	EA	\$100.00	\$700
Soap dispenser	3	EA	\$100.00	\$300
ADA grab bar	3	SET	\$500.00	\$1,500
Recessed paper towel dispenser/waste receptacle combo	3	EA	\$450.00	\$1,350
Recessed baby changing station	1	EA	\$500.00	\$500
Shelving and Millwork				
Custom book wall				
Aluminum support pole and brackets by "RAKKS"	1	LS	\$10,000.00	\$10,000
Top and end panels	960	LF	\$100.00	\$96,000
WD veneer adjustable shelf, 10 1/2"	720	LF	\$100.00	\$72,000
WD veneer adjustable shelf with back	96	LF	\$150.00	\$14,400
WD veneer upper cabinets with adjustable shelves				
11 3/4" deep	16	LF	\$400.00	\$6,400
1'-11 3/4" deep	24	LF	\$500.00	\$12,000
WD veneer under cabinet with drawers				
11 3/4" deep	16	LF	\$500.00	\$8,000
1'-11 3/4" deep	16	LF	\$600.00	\$9,600
WD veneer bench with upholstered cushions at seat				
11 3/4" deep	16	LF	\$200.00	\$3,200
1'-11 3/4" deep	16	LF	\$250.00	\$4,000

INTERIOR CONSTRUCTION

	Quantity	Unit	Rate	Total (\$)
Shelving and Millwork				
Custom book wall				
Fabric wrapped panel/tackable display area	1,400	SF	\$30.00	\$42,000
Wood panelled art wall	200	SF	\$35.00	\$7,000
Continuous picture rail	96	LF	\$75.00	\$7,200
Casework at office/workroom & maker space				
Adjustable wood shelf	70	LF	\$100.00	\$7,000
Base cabinet with teak countertop	23	LF	\$500.00	\$11,500
Mobile casework				
C01, curved 4'-7" wide x 3'-2" high	4	EA	\$2,300.00	\$9,200
C02 & C-06, 4'-0" wide x 3'-0" high	21	EA	\$1,500.00	\$31,500
C03, curved 4'-7" wide x 1'-2" high	2	EA	\$1,750.00	\$3,500
C04, 4'-0" wide x 1'-6" high	8	EA	\$750.00	\$6,000
C05, 4'-8" wide x 3'-2" high	1	EA	\$1,750.00	\$1,750
Casework at breakroom L.19				
Lower wood veneer cabinets	15	LF	\$350.00	\$5,250
Solid surface countertop	17	LF	\$200.00	\$3,400
Custom wood millwork at checkout/tech/entry				
Wall cabinet, wood veneer, 3'-2 3/4" high	14	LF	\$300.00	\$4,200
Base cabinet, wood veneer, 2'-10" high	11	LF	\$350.00	\$3,850
Engineered stone countertop (SO)	11	LF	\$200.00	\$2,200
Laptop lending, 6'-11" high	3	LF	\$750.00	\$2,250
Fabric wrapped wall panel (FW2)	42	SF	\$35.00	\$1,470
Chalkboards and Graphics				
Signages				
Building ID, cut-out bronze letters "Atherton Town Center LIBRARY - A SAN MATEO COUNTY LIBRARY"	1	LS	\$20,000.00	\$20,000
Building Address number "2"	1	EA	\$500.00	\$500
Room ID/office ID/restroom ID/G-occupancy ID/Exit signs and entrance ID and miscellaneous message sign, approx. 6 1/2" wide x 9 1/2" high	36	EA	\$150.00	\$5,400
Book Shelves category sign; detachable 1/8" bent metal panel sign mount to end of bookshelves	15	EA	\$200.00	\$3,000
Service desk ID/Checkout kiosk sign and Book-drop sign, aluminum letters	3	EA	\$200.00	\$600
Chalkboards and tackboards	1	LS	\$5,000.00	\$5,000

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Mock-up for library shelving, 2-bays	1	LS	\$24,000.00	\$24,000
Mockups for interior wall panels, city council wood grille cabinet, & reception area screen	1	LS	\$20,000.00	\$20,000
Subtotal For Interior Construction:				\$1,113,566

INTERIOR FINISHES	Quantity	Unit	Rate	Total (\$)
Flooring				
Sealed concrete (SC)	1,684	SF	\$1.50	\$2,526
Porcelain tile, 11.75" x 23.75" (PTF)	630	SF	\$20.00	\$12,600
Carpet tile (CPT)	6,895	SF	\$6.00	\$41,370
Wood floor (WD4)	64	SF	\$20.00	\$1,280
Pedestal raised floor system, 1'-8" high	6,895	SF	\$20.00	\$137,900
Bases				
Wood WDB-3, teak	176	LF	\$50.00	\$8,800
Rubber	216	LF	\$3.50	\$755
Porcelain	200	LF	\$20.00	\$3,990
Allowance for unspecified base	500	LF	\$5.00	\$2,500
Walls				
Sealed rammed earth	3,218	SF	\$5.00	\$16,088
Ceramic tile at restroom	936	SF	\$20.00	\$18,720
Ceramic tile at library maker space	90	SF	\$25.00	\$2,250
Ceramic tile at library break L.19	50	SF	\$25.00	\$1,250
Glazed tile at restroom vestibule with quarter round tile at exterior corner glazed to match adjacent tile	500	SF	\$35.00	\$17,500
Fabric wrapped acoustic panels (FW-2 & 3)	802	SF	\$25.00	\$20,050
Pegboard acoustic panel (PB-1)	584	SF	\$25.00	\$14,600
Cork wall panel (CK-1)	213	SF	\$25.00	\$5,325
Teak vertical boards to match exterior rain screen	128	SF	\$50.00	\$6,400
Wood veneer panel	120	SF	\$45.00	\$5,400
Paint	1,596	SF	\$1.50	\$2,394

INTERIOR FINISHES

	Quantity	Unit	Rate	Total (\$)
Ceiling				
Acoustical ceiling panel, 2' x 2' (ACT2)	215	SF	\$9.00	\$1,935
Acoustic stretched fabric ceiling; includes 7" rigid mineral wood insulation, 8" furring channel and 7/8" hat channel (AFC1)	6,748	SF	\$50.00	\$337,400
Gypsum board, painted (GB1)	2,154	SF	\$22.00	\$47,388
Suspended 4"x4" aluminum open cell ceiling (MT-1)	418	SF	\$45.00	\$18,810
Assume paint exposed ceiling	215	SF	\$2.00	\$430
Acoustic plaster over lath and plywood, at interior skylight	170	SF	\$50.00	\$8,482
Miscellaneous Allowance				
High density storage rail, ref. 9/A671	58	LF	\$74.00	\$4,292
Interior curbs, 6" high			<i>measured w/ Structural</i>	
Acoustic requirement	9,950	SF	\$3.00	\$29,850
Subtotal For Interior Finishes:				\$770,286

PLUMBING

	Quantity	Unit	Rate	Total (\$)
Plumbing Equipment				
Backflow Preventer, L-RPBP-1				included in Library Site Improvement
Water Heater, L-EWH-1, 50 GAL	1	EA	\$4,500.00	\$4,500
Pump, Circ , L-CP-1, 1GPM	1	EA	\$1,850.00	\$1,850
Expansion Tank, L-ET-1	1	EA	\$2,050.00	\$2,050
Floor Drains	5	EA	\$1,750.00	\$8,750
Trap Primer	5	EA	\$850.00	\$4,250
Plumbing Fixtures				
Water closet	9	EA	\$2,500.00	\$22,500
Lavatory	7	EA	\$1,800.00	\$12,600
Sink (SK-2)	1	EA	\$1,000.00	\$1,000
Sink (SK-1)	1	EA	\$1,000.00	\$1,000
Mop sink	1	EA	\$1,300.00	\$1,300
4" Roof drain	6	EA	\$850.00	\$5,100
3" Roof drain	12	EA	\$750.00	\$9,000
Domestic Water Distribution				
2" Domestic water piping	350	LF	\$42.00	\$14,700
1" Domestic water piping	275	LF	\$34.00	\$9,350
3/4" Domestic water piping	300	LF	\$30.00	\$9,000
Domestic water pipe insulation	925	LF	\$12.00	\$11,100

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PLUMBING	Quantity	Unit	Rate	Total (\$)
Non-Potable Water Distribution				
Copper pipe type L with fittings & hangers				<i>NIC, Not required</i>
Non-potable water pipe insulation				<i>NIC, Not required</i>
Sanitary Waste & Vent Piping				
4" Sanitary underslab	190	LF	\$48.00	\$9,120
3" Sanitary underslab	165	LF	\$36.00	\$5,940
2" Sanitary underslab	185	LF	\$30.00	\$5,550
Grease Waste & Vent Piping				
6" Grease waste				<i>NIC, Not required</i>
Storm Water Piping				
6" Storm drain piping	200	LF	\$85.00	\$17,000
4" Storm drain piping	45	LF	\$50.00	\$2,250
3" Storm drain piping	180	LF	\$45.00	\$8,100
Natural Gas Piping				
Black steel pipe with fittings & hangers (Allowance)				<i>NIC, Not required</i>
Miscellaneous				
Disinfecting & flushing	1	LS	\$8,000.00	\$8,000
Coring, sealing and firestopping	1	LS	\$7,500.00	\$7,500
Coordination, commissioning support & management	1	LS	\$10,000.00	\$10,000
Fees & permits	1	LS	\$2,000.00	\$2,000
Subtotal For Plumbing:				\$193,510

HEATING, VENTILATION, & AIR-CONDITIONING	Quantity	Unit	Rate	Total (\$)
Equipment				
L-AHU-1 10000cfm	1	EA	\$215,000.00	\$215,000
Heat pump; 120 Ton w/ seismic cert.	1	EA	\$304,110.00	\$304,110
Heat pump; 60 Ton w/ seismic cert.	1	EA	\$168,250.00	\$168,250
EF-1 1055cfm	1	EA	\$2,635.00	\$2,635
EF-2 125cfm	1	EA	\$370.00	\$370
EF-3 110cfm	1	EA	\$325.00	\$325
EF-4 200cfm	1	EA	\$590.00	\$590
EF-5 165cfm	1	EA	\$490.00	\$490

HEATING, VENTILATION, & AIR-CONDITIONING

	Quantity	Unit	Rate	Total (\$)
GR-1 gravity ventilator	1	EA	\$4,850.00	\$4,850
GR-2 gravity ventilator	1	EA	\$4,850.00	\$4,850
L-AC-2 /CU	1	EA	\$6,850.00	\$6,850
L-AC-3 /CU	1	EA	\$6,850.00	\$6,850
L-HST-1 Humidifier w/ tank	1	EA	\$4,850.00	\$4,850
L-H-1 Humidifier			<i>moved to Townhall Section</i>	
VAV Terminal Unit	3	EA	\$1,800.00	\$5,400
NFA 10SF Motorized windows			<i>Included with Controls</i>	
Heating and cooling equipment, radiant panels.	1	LS		NIC
Ceiling Fan	9	EA	\$1,800.00	\$16,200
Piping				
3" HW	110	LF	\$45.00	\$4,950
2" HW	414	LF	\$35.00	\$14,490
1 1/2" HW	46	LF	\$25.00	\$1,150
5" CHW	685	LF	\$110.00	\$75,350
4" CHW	113	LF	\$55.00	\$6,215
2 1/2" CHW	390	LF	\$40.00	\$15,600
Refrigeration piping with fittings & hangers	425	LF	\$31.50	\$13,388
Condensate drain piping with fittings & hangers	115	LF	\$18.00	\$2,070
Pipe insulation	2,140	LF	\$14.00	\$29,960
Valves & accessories	1	LS	\$6,600.00	\$6,600
Ductwork				
Branch ductwork underfloor	4,850	LF	\$13.85	\$67,173
Galvanized ductwork with fittings & hangers	2,700	LB	\$11.85	\$31,995
Duct insulation	1,620	SF	\$4.00	\$6,480
Fan powered linear floor grille	260	LF	\$75.00	\$19,500
Registers, grilles & diffusers	60	EA	\$285.00	\$17,100
Miscellaneous sheet metal accessories	1	LS	\$8,400.00	\$8,400
Miscellaneous				
Energy monitoring - campus wide	9,970	GSF	\$3.00	\$29,910
Automatic temperature control DDC	9,970	GSF	\$7.80	\$77,766
Test and balance	9,970	GSF	\$1.25	\$12,500
Coring and firestopping	1	LS	\$4,000.00	\$4,000
Rigging & equipment rental	1	LS	\$10,000.00	\$10,000
Coordination & management	1	LS	\$10,000.00	\$10,000
Fees & permits	1	LS	\$12,100.00	\$12,100

Subtotal For Heating, Ventilation, & Air-Conditioning: \$1,218,316

FIRE PROTECTION

	Quantity	Unit	Rate	Total (\$)
Wet Pipe Sprinkler Distribution				
Double check valve			<i>Included in Library Site Improvement</i>	
Wet alarm valve			<i>NIC, Not required</i>	
Fire department connection			<i>Included in Library Site Improvement</i>	
Sprinkler head	75	EA	\$135.00	\$10,125
Miscellaneous valves	1	LS	\$5,000.00	\$5,000
Main sprinkler pipe with fittings & hangers	400	LF	\$30.00	\$12,000
Branch sprinkler pipe with fittings & hangers	1,020	LF	\$25.00	\$25,500

FIRE PROTECTION

	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Hydraulic calculations	1	LS	\$4,000.00	\$4,000
Drawings	1	LS	\$2,200.00	\$2,200
Coring and firestopping	1	LS	\$3,000.00	\$3,000
Coordination & management	1	LS	\$3,500.00	\$3,500
Fees & permits	1	LS	\$1,200.00	\$1,200

Subtotal For Fire Protection: \$66,525

ELECTRICAL

	Quantity	Unit	Rate	Total (\$)
Electrical Service and Distribution				
Normal power				
Metering	1	LS	\$7,500.00	\$7,500
400A distribution panelboard	1	EA	\$15,000.00	\$15,000
400A panelboard	1	EA	\$10,000.00	\$10,000
125A panelboard	3	EA	\$2,250.00	\$6,750
100A panelboard	1	EA	\$2,000.00	\$2,000
112.5KVA transformer	1	EA	\$10,150.00	\$10,150
45KVA transformer	1	EA	\$6,500.00	\$6,500
400A feed	40	LF	\$144.00	\$5,760
250A feed	15	LF	\$68.00	\$1,020
125A feed	150	LF	\$38.00	\$5,700
100A feed	40	LF	\$30.00	\$1,200
Grounding and bonding	1	LS	\$3,500.00	\$3,500
Emergency power				
Centralized Lighting battery inverter	1	LS		<i>NIC</i>

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Microgrid				
Microgrid system with Bi-directional inverter with (3) total powerpacks	1	LS	\$215,000.00	\$215,000
Labor to install	1	LS	\$55,000.00	\$55,000
400A ATS with isolation by-pass	1	LS	\$30,000.00	\$30,000
400A feed	30	LF	\$144.00	\$4,320
Control wiring	1	LS	\$10,000.00	\$10,000
Tap box	1	EA	\$1,500.00	\$1,500
Equipment wiring				
Mechanical equipment feed and connections	9,970	GSF	\$0.50	\$4,985
HP connection (feed, see Site work)	1	EA	\$4,500.00	\$4,500
AHU feed and connection	1	EA	\$4,500.00	\$4,500
FC feed and connection	2	EA	\$4,500.00	\$9,000
EF feed and connection	5	EA	\$1,500.00	\$7,500
Ceiling fan feed and backbox only	9	EA	\$450.00	\$4,050
Pump feed and connection	2	EA	\$1,500.00	\$3,000
EWH feed and connection	1	EA	\$850.00	\$850
Humidifier feed and connection	1	EA	\$850.00	\$850
Toilet/sink sensor feed and connection	4	EA	\$350.00	\$1,400
Motorized doors feed and connection	2	LOC	\$1,500.00	\$3,000
Motorized windows feed and connection	1	LS	\$7,500.00	\$7,500
Photovoltaic system, with array of panels, inverters, panelboards, feeders and installation				
RA5 - 100.09KW, mounted flat on the roof with (3) inverters, 278 modules	100	KW	\$4,300.00	\$430,000
125A panelboard	1	EA	\$2,250.00	\$2,250
400A disconnect switch	1	EA	\$3,430.00	\$3,430
300A feed (Ductbank)	500	LF	\$165.00	\$82,500
Lighting and Branch Wiring				
Lighting fixtures				
Lighting Vendors quote	1	LS	\$131,615.00	\$131,615
Lighting cost below include Labor to install only:				
Type C1	6	LF	\$23.00	\$138
Type P1B	184	LF	\$23.00	\$4,232
Type P7A	3	EA	\$140.00	\$420
Type R2A	22	EA	\$140.00	\$3,080
Type R3	2	EA	\$140.00	\$280

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Lighting and Branch Wiring				
Lighting fixtures				
Type R5A	14	EA	\$140.00	\$1,960
Type R6	23	EA	\$140.00	\$3,220
Type R7	38	EA	\$140.00	\$5,320
Type R8	10	EA	\$140.00	\$1,400
Type R9	29	EA	\$140.00	\$4,060
Type S2A	2	EA	\$140.00	\$280
Type S2B	1	EA	\$140.00	\$140
Type S3	39	EA	\$140.00	\$5,460
Type S4	38	EA	\$140.00	\$5,320
Type S6 (Tape light)	10	LF	\$20.00	\$200
Type S7	4	LF	\$23.00	\$92
Type Z2	3	EA	\$280.00	\$840
Type Z11	5	EA	\$280.00	\$1,400
Type Z13	4	EA	\$280.00	\$1,120
Exit	7	EA	\$140.00	\$980
Energy monitoring (lighting, panels and equipment)	1	LS	\$12,500.00	\$12,500
Lighting controls				
Lighting control panel	1	EA	\$2,500.00	\$2,500
Network Digital lighting control system	9,970	GSF	\$5.50	\$54,835
DRC	28	EA	\$350.00	\$9,800
Dimmer switch	5	EA	\$75.00	\$375
Sensor	43	EA	\$200.00	\$8,600
Branch devices				
Double Duplex receptacle	5	EA	\$30.00	\$150
Double Duplex receptacle in floor box	23	EA	\$30.00	\$690
Duplex receptacle	54	EA	\$36.00	\$1,944
Duplex receptacle (Controlled)	6	EA	\$52.00	\$312
Duplex receptacle in floor box	20	EA	\$36.00	\$720
Duplex receptacle WP, ground	5	EA	\$500.00	\$2,500
GFCI duplex receptacle WP	3	EA	\$50.00	\$150
Cord reel with feed and connection	4	EA	\$1,000.00	\$4,000
2 gang floor box	23	EA	\$350.00	\$8,050
Device box	460	EA	\$38.00	\$17,480
3/4" EMT	9,000	LF	\$10.00	\$90,000
3/4" PVC	700	LF	\$10.00	\$7,000
#12 THHN	48,000	LF	\$1.10	\$52,800

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ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Communications and Security				
Fire alarm control panel	1	EA	\$10,000.00	\$10,000
LCD annunciator	1	EA	\$3,500.00	\$3,500
LCD annunciator	1	EA	\$1,500.00	\$1,500
Beacon	1	EA	\$250.00	\$250
Digital transmitter	1	EA	\$1,200.00	\$1,200
Initiating device	5	EA	\$150.00	\$750
Duct smoke detector and test switch	1	EA	\$500.00	\$500
Audio visual device	5	EA	\$125.00	\$625
Visual device	17	EA	\$115.00	\$1,955
Modules	10	EA	\$150.00	\$1,500
Device box	40	EA	\$38.00	\$1,520
3/4" EMT	1,200	LF	\$10.00	\$12,000
FA cable	2,000	LF	\$1.50	\$3,000
Testing and programming	1	LS	\$3,500.00	\$3,500
Fire Fighter Two-way Communication				
Fire Fighter Two-way Communication	1	EA	\$15,000.00	\$15,000
Telecommunications				
IDF fit out	1	EA	\$7,500.00	\$7,500
Network switching, PBX	1	LS	\$50,000.00	\$50,000
Device box with conduit stub to ceiling	52	EA	\$130.00	\$6,760
Cable tray	20	LF	\$65.00	\$1,300
2 gang floor box	37	EA	\$350.00	\$12,950
1-port device	1	EA	\$25.00	\$25
2-port device in floor box	38	EA	\$50.00	\$1,900
2-port device	51	EA	\$50.00	\$2,550
WAP	7	EA	\$450.00	\$3,150
Cat.6 cable	33,000	LF	\$1.75	\$57,750
Backbone cabling from PS/CH				<i>Site work</i>
Grounding	1	LS	\$1,500.00	\$1,500
PA/Clock system				NIC
AV system				
AV system rough-in & power	9,970	GSF	\$1.00	\$9,970

Library Detail	Job #14443
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ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Security system				
Head end	1	LS	\$10,000.00	\$10,000
Camera WP	7	EA	\$1,750.00	\$12,250
Card reader	3	EA	\$350.00	\$1,050
Door contact	10	EA	\$250.00	\$2,500
Motion detector	3	EA	\$250.00	\$750
Electric strike (connection only, strike provided by DHC)	5	EA	\$250.00	\$1,250
Device box	30	EA	\$38.00	\$1,140
3/4" EMT	1,500	LF	\$10.00	\$15,000
Cabling	2,300	LF	\$1.75	\$4,025
SatelliteTV				
Rough-in, provisions only	1	LS	\$5,000.00	\$5,000
Other Electrical Systems				
Temp power & lighting	1	LS	\$10,000.00	\$10,000
Seismic restraints	1	LS	\$10,000.00	\$10,000
Identification	1	LS	\$3,500.00	\$3,500
Coordination, BIM	1	LS	\$35,000.00	\$35,000
Coordination Study and Arc Flash testing	1	LS	\$5,000.00	\$5,000
Fees & Permits	1	LS	\$25,000.00	\$25,000
Subtotal For Electrical:				\$1,759,798

EQUIPMENT	Quantity	Unit	Rate	Total (\$)
Commercial Equipment				
Undercounter refrigerator (CFCI)	1	EA	\$1,000.00	\$1,000
Dishwasher (OFCI)	1	EA	\$250.00	\$250
Microwave (OFCI)	1	EA	\$250.00	\$250
Library equipments (OFCI)				
Computer print and pay station	1	EA	\$500.00	\$500
3D printer	2	EA	\$500.00	\$1,000
Laser cutter	1	EA	\$500.00	\$500
Self return kiosk	1	EA	\$500.00	\$500

Library Detail	Job #14443
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EQUIPMENT	Quantity	Unit	Rate	Total (\$)
Library equipments (CFCl)				
Bookdrop/Intelligent return staff model	1	EA	\$3,500.00	\$3,500
Laser fume extractor filter	1	EA	\$5,000.00	\$5,000
Self checkout, 3M table top	3	EA	\$7,500.00	\$22,500
Laptop & tablet combo lending machine	1	EA	\$3,500.00	\$3,500
75" touch screen monitor at entry vestibule	2	EA	\$5,000.00	\$10,000
65" touchscreen monitor	1	EA	\$3,500.00	\$3,500
65" TV monitor & wall mount	1	EA	\$3,500.00	\$3,500
Library equipments (OFOI)				
Online public access catalog (OPAC) - allowance				NIC, OFOI
Computer workstation				NIC, OFOI
Computers				NIC, OFOI
Desktop printer				NIC, OFOI
Coin op wall mounted				NIC, OFOI
Laptop cart				NIC, OFOI
E-stop control panel & orange lamp				NIC, OFOI
Orange lamp-AMHS				NIC, OFOI
Sort mate module				NIC, OFOI
Subtotal For Equipment:				\$55,500

FURNISHINGS	Quantity	Unit	Rate	Total (\$)
Fixed Furnishings				
Light Control and Vision Equipment				
Mechoshade, manual installation (WC-1)	2,450	SF	\$12.00	\$29,400
Window wood shutter by wood window supplier	184	SF	\$35.00	\$6,440
Amenities and Convenience Items				
Walk-off mat				
Stainless steel metro steel gate (WM-1)	187	SF	\$150.00	\$28,050
Dritrack (WM-2)	33	SF	\$50.00	\$1,650
Fire Extinguisher cabinets (FEC)	3	EA	\$500.00	\$1,500
Fire Extinguisher cabinets	1	LS	\$1,000.00	\$1,000
Moveable Furnishings				
Library tables and chairs				NIC, OFOI
Subtotal For Furnishings:				\$68,040

Backcheck 2 Cost Estimate

Renovate existing Heritage Town Hall

Atherton Civic Center

Control Quantities
Renovate existing Heritage Town Hall Summary
Detailed Cost Breakdown

March 26, 2018

Enclosed Areas	
Ground floor	1,645
Subtotal of Enclosed Area	1,645
Covered Area	
Roof Overhang	529
Subtotal of Covered Area at half value	265
Total of Gross Floor Area	1,910

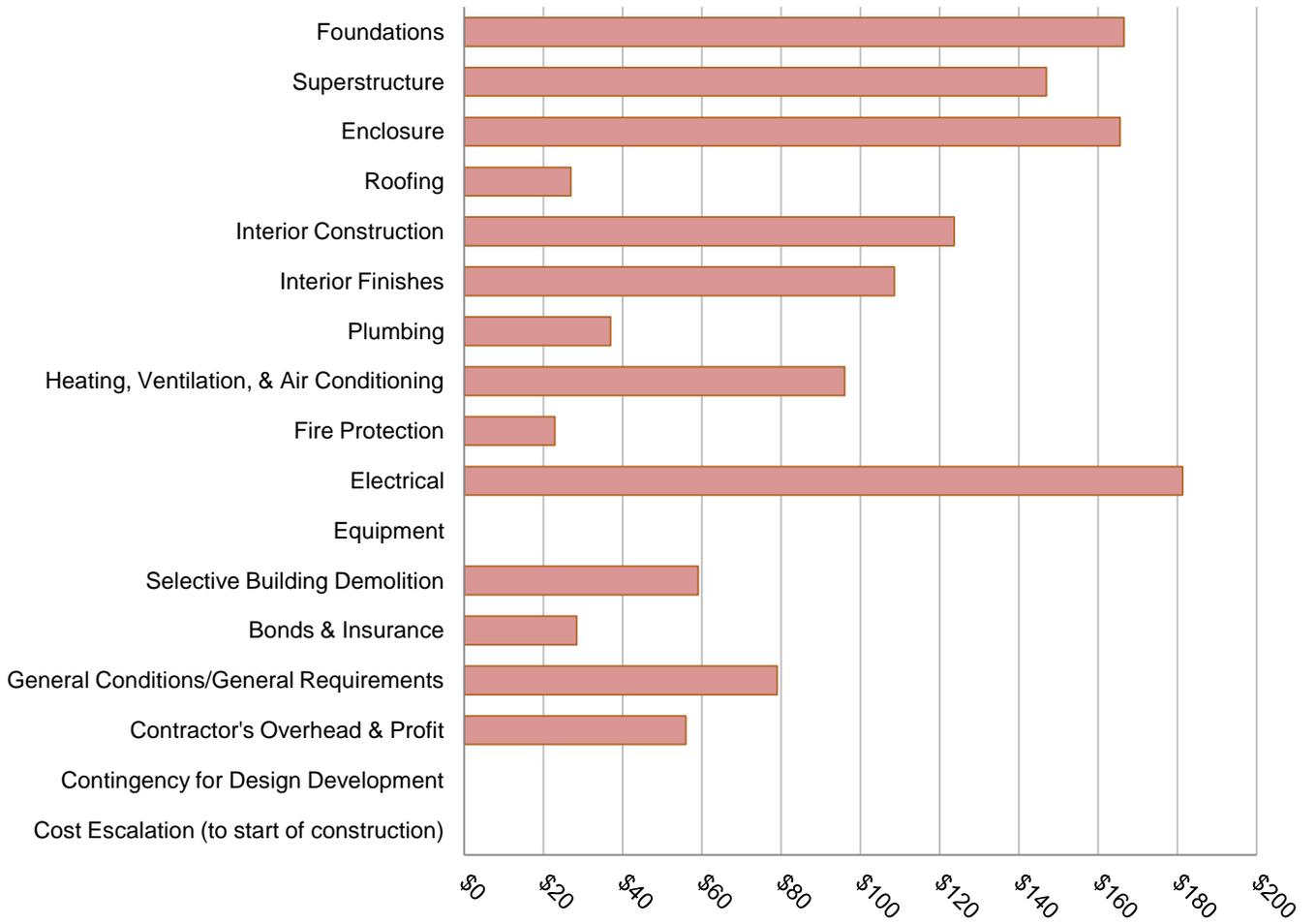
CONTROL QUANTITIES

			Ratio to Gross Area
Number of stories (x1,000)	1	EA	0.524
Gross Area	1,910	SF	1.000
Enclosed Area	1,645	SF	0.861
Covered Area	529	SF	0.277
Footprint Area	1,645	SF	0.861
Volume	23,030	CF	12.061
Gross Wall Area	3,209	SF	1.681
Finished Wall Area	3,035	SF	1.589
Windows or Glazing Area	5% 175	SF	0.091
Roof Area - Flat	0	SF	0.000
Roof Area - Sloping	2,239	SF	1.173
Roof Area - Total	2,239	SF	1.173
Roof Glazing Area	0	SF	0.000
Interior Partition Length	65	LF	0.034
Elevators (x10,000)	0	EA	0.000
Plumbing Fixtures (x1,000)	5	EA	2.618

CSI UniFormat Summary	1,910 SF	%	\$/SF	\$,000
Foundations		13%	\$87.22	\$167
Superstructure		11%	\$76.93	\$147
Enclosure		13%	\$86.70	\$166
Roofing		2%	\$14.07	\$27
Interior Construction		10%	\$64.74	\$124
Interior Finishes		8%	\$56.83	\$109
Plumbing		3%	\$19.33	\$37
Heating, Ventilation, & Air Conditioning		7%	\$50.29	\$96
Fire Protection		2%	\$11.95	\$23
Electrical		14%	\$94.96	\$181
Equipment		0%	\$0.00	\$0
Furnishings		0%	\$1.10	\$2
Selective Building Demolition		5%	\$30.94	\$59
Subtotal - Building Construction		87%	\$595.06	\$1,136
Bonds & Insurance	2.50%	2%	\$14.88	\$28
General Conditions/General Requirements		6%	\$41.36	\$79
Contractor's Overhead & Profit	4.50%	4%	\$29.31	\$56
Subtotal		100%	\$680.61	\$1,300
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of construction)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$680.61	\$1,300

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



FOUNDATIONS	Quantity	Unit	Rate	Total (\$)
Foundation				
Reinforced concrete grade beams				
Excavation and disposal offsite	19	CY	\$75.00	\$1,439
Concrete, 4000 psi	19	CY	\$500.00	\$9,593
Formwork	1,120	SF	\$16.00	\$17,920
Reinforcement, allow 250pcy	4,796	LB	\$10.00	\$47,963
Simpson A35 clip at each side of (E) post	8	EA	\$100.00	\$800
Connection to existing foundation - allowance	140	LF	\$50.00	\$7,000
Special Foundations, 4000 psi				
Drilled concrete pier; 18" diameter x 25'deep	125	LF	\$125.00	\$15,625
Lowest Floor Level				
Cut and patch (E) floor framing - allowance	1,645	SF	\$5.00	\$8,225
New plywood sheathing to match existing	400	SF	\$10.00	\$4,000
Wood joist	515	BF	\$25.00	\$12,867
Miscellaneous Structural Work				
Shoring, underpinning and safety measure	1,645	SF	\$25.00	\$41,125
Subtotal For Foundations:				\$166,556

SUPERSTRUCTURE	Quantity	Unit	Rate	Total (\$)
Seismic Upgrade				
Strip existing inside finishes to studs	3,209	GWA	\$2.00	\$6,419
New 1/2" thick plywood sheathing	3,209	GWA	\$10.00	\$32,095
New 2x4 framing at all vertical & horizontal plywood joints	1,587	LF	\$16.00	\$25,392
Holddown (HD2, HD2)	38	EA	\$150.00	\$5,700
Anchor bolts (A.B) 5/8" diameter epoxy grouted into existing foundation	132	EA	\$75.00	\$9,900
Miscellaneous sheet-metal hardware to tie together various sections of the building	1,910	GSF	\$2.00	\$3,819
Roof Construction				
15/32" thick fire treated plywood over (E) straight sheathing and new blocking	2,239	SF	\$10.00	\$22,392
New roof truss	88	LF	\$100.00	\$8,800
New roof rafter and blocking	218	BF	\$25.00	\$5,450
Plywood sheathing, straps and blocking to inside of (E) truss	150	LF	\$25.00	\$3,750
CS16 strap	10	EA	\$100.00	\$1,000

SUPERSTRUCTURE	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Miscellaneous metal	1,910	GSF	\$2.00	\$3,819
Rough carpentry	1,910	GSF	\$2.00	\$3,819
Dryrot repair - Allowance	1,910	GSF	\$5.00	\$9,548
Temporary scaffolding, shoring and safety measure	1	LS	\$5,000.00	\$5,000
Subtotal For Superstructure:				\$146,902

ENCLOSURE	Quantity	Unit	Rate	Total (\$)
Exterior Walls				
New plaster wall to match (E)	408	SF	\$25.00	\$10,200
Patch/repair and repaint existing cement plaster/stucco wall	2,801	SF	\$10.00	\$28,015
Windows, Glazing & Louvers				
(N) Painted wood framed windows, with insulated double glazed solarban (GL-1)	175	SF	\$360.00	\$63,000
Interior finish of exterior wall				
(N) Painted gypwall	3,209	SF	\$6.00	\$19,257
Exterior Doors, finished oak door with bronze finished custom hardware				
Double flush glass door with muntins (DGL-5)	3	PR	\$7,500.00	\$22,500
Refinish (E) wood door, paint (E) frame				
Single leaf	2	EA	\$750.00	\$1,500
Double leaf	1	PR	\$1,500.00	\$1,500
Premium for special door hardwares	1	LS	\$5,000.00	\$5,000
Soffits				
Exterior soffit, patch/repair and repaint existing	529	SF	\$10.00	\$5,290
Miscellaneous Work				
Fascias, bands, screens, trim, wood articulation at doors, etc.	3,209	GWA	\$2.00	\$6,419
Rough carpentry	1,910	GSF	\$1.50	\$2,864
Subtotal For Enclosure:				\$165,545

ROOFING	Quantity	Unit	Rate	Total (\$)
Roof Coverings				
Reinstall roof tile over new wood deck, salvage tile from (E) library to replace damaged tile	2,239	SF	\$10.00	\$22,392
Waterproofing membrane	2,239	SF	\$2.00	\$4,478
Subtotal For Roofing:				\$26,871

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Non-rated Partitions				
Single partition; includes metal stud framing, batt insulation, gypboard on both sides, finished	441	SF	\$16.00	\$7,056
Double partition; includes double stud framing, batt insulation on both sides, gypboard on both sides, finished	168	SF	\$24.00	\$4,032
Backing and blacking	1,910	GSF	\$1.25	\$2,388
Interior Doors, Frames and Hardware				
Single flush wood door (FL-1)	3	EA	\$2,000.00	\$6,000
Double solid core wood door (DFL-1)	1	PR	\$3,400.00	\$3,400
Window Walls				
GL12 - 3/8" acoustic safety glazing, clear (L6)	155	SF	\$315.00	\$48,825
Teak veneer panels	286	SF	\$100.00	\$28,560
Fittings				
Protective guards, barriers and bumpers	1,910	GSF	\$0.50	\$955
Toilet Partitions and accessories				
Single stall, unisex restroom	1	RM	\$1,500.00	\$1,500
Cabinets and Countertops				
Countertop (WP-2)	14	LF	\$200.00	\$2,800
Full height shelving				NIC
Full height cabinets				NIC
Upper cabinets, open shelving				NIC
Café casework				NIC

INTERIOR CONSTRUCTION	Quantity	Unit	Rate	Total (\$)
Chalkboards and Graphics				
Signages				
Building ID, cut-out bronze letters				
"Atherton Town Center - HISTORIC				
TOWN HALL"				
	1	LS	\$15,000.00	\$15,000
Building Address number "94"				
	1	LS	\$1,000.00	\$1,000
Room ID/office ID/restroom ID/G-occupancy				
ID/Exit signs and entrance ID and				
miscellaneous message sign,				
approx. 6 1/2"wide x 9 1/2"high				
	14	EA	\$150.00	\$2,100
Subtotal For Interior Construction:				\$123,615

INTERIOR FINISHES	Quantity	Unit	Rate	Total (\$)
Flooring				
Porcelain tile, 12" x 12" (PTF5)				
	64	SF	\$20.00	\$1,278
Wood, 7" maple (WD2)				
	1,418	SF	\$15.00	\$21,275
Bases				
Wood base				
	280	LF	\$15.00	\$4,199
Ceramic tile base				
	33	LF	\$20.00	\$666
Walls				
Acoustical plaster				
	1,627	SF	\$25.00	\$40,670
Paint				
	365	SF	\$1.50	\$548
Ceiling				
Acoustical ceiling panel, 2' x 2' (ACT2)				
	257	SF	\$8.00	\$2,056
Gypsum board, painted (GB1)				
	217	SF	\$20.00	\$4,340
Acoustical smooth plaster (IP1)				
	904	SF	\$35.00	\$31,640
(E) Exposed ceiling at café				
	292	SF		<i>NIC, Future Café</i>
Repaint (E) plaster ceiling to match existing				
	168	SF	\$5.00	\$840
Recessed ceiling access panel				
	1	EA	\$1,000.00	\$1,000
Subtotal For Interior Finishes:				\$108,511

PLUMBING	Quantity	Unit	Rate	Total (\$)
Plumbing Equipment				
Plumbing equipment	1,910	GSF	\$1.00	\$1,910
Electric water heater point of use	1	EA	\$500.00	\$500
Plumbing Fixtures				
Water closet	2	EA	\$2,500.00	\$5,000
Lavatory	2	EA	\$1,800.00	\$3,600
Kitchen sink	1	EA	\$1,200.00	\$1,200
Domestic Water Distribution				
1" Domestic water piping	350	LF	\$34.00	\$11,900
Domestic water pipe insulation	350	LF	\$12.00	\$4,200
Sanitary Waste & Vent Piping				
4" Sanitary underslab	100	LF	\$48.00	\$4,800
Sanitary waste and vent	50	LF	\$35.00	\$1,750
Miscellaneous				
Disinfecting & flushing	1	LS	\$250.00	\$250
Coring, sealing and firestopping	1	LS	\$500.00	\$500
Coordination, commissioning support & management	1	LS	\$800.00	\$800
Fees & permits	1	LS	\$500.00	\$500
Subtotal For Plumbing:				\$36,910

HEATING, VENTILATION, & AIR-CONDITIONING	Quantity	Unit	Rate	Total (\$)
Equipment				
L-EF-4	1	EA	\$850.00	\$850
L-EF-5	1	EA	\$850.00	\$850
L-FC-1 /CU	1	EA	\$6,500.00	\$6,500
H-1 Humidifier	1	EA	\$2,450.00	\$2,450
Piping				
HW Hydronic pipe with fittings and hangers	285	LF	\$25.00	\$7,125
CHW Hydronic pipe with fittings and hangers	205	LF	\$32.00	\$6,560
Condensate drain piping with fittings & hangers	45	LF	\$18.00	\$810
Pipe insulation	535	LF	\$14.00	\$7,490
Valves & accessories	1	LS	\$1,400.00	\$1,400

HEATING, VENTILATION, & AIR-CONDITIONING	Quantity	Unit	Rate	Total (\$)
Ductwork				
Galvanized ductwork with fittings & hangers	1,500	LB	\$10.85	\$16,275
Duct insulation	900	GSF	\$4.00	\$3,600
Registers, grilles & diffusers	14	EA	\$285.00	\$3,990
Miscellaneous sheet metal accessories	1	LS	\$1,500.00	\$1,500
Miscellaneous				
Ceiling fans	4	EA	\$1,800.00	\$7,200
Automatic temperature control DDC	1,910	GSF	\$7.25	\$13,844
Test and balance	1,910	GSF	\$1.25	\$2,387
Coring and firestopping	1	LS	\$2,500.00	\$2,500
Rigging & equipment rental	1	LS	\$4,000.00	\$4,000
Coordination, commissioning support & management	1	LS	\$5,000.00	\$5,000
Fees & permits	1	LS	\$1,700.00	\$1,700
Subtotal For Heating, Ventilation, & Air-Conditioning:				\$96,031

FIRE PROTECTION	Quantity	Unit	Rate	Total (\$)
Wet Pipe Sprinkler Distribution				
New Fire sprinkler system	1,910	GSF	\$7.50	\$14,321
Miscellaneous				
Hydraulic calculations	1	LS	\$2,000.00	\$2,000
Coring and firestopping	1	LS	\$1,500.00	\$1,500
Coordination & management	1	LS	\$2,500.00	\$2,500
Drawings	1	LS	\$1,500.00	\$1,500
Fees & permits	1	LS	\$1,000.00	\$1,000
Subtotal For Fire Protection:				\$22,821

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Electrical Service and Distribution				
Gear and Distribution				
125A panelboard	1	EA	\$2,150.00	\$2,150
125A feed	250	LF	\$38.00	\$9,500
Misc mechanical equipment wiring	1,910	GSF	\$1.00	\$1,910
EF feed and connection	2	EA	\$1,500.00	\$3,000
FCU feed and connection	1	EA	\$1,000.00	\$1,000

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Electrical Service and Distribution				
Pump feed and connection	4	EA	\$1,500.00	\$6,000
EWH feed and connection	1	EA	\$850.00	\$850
Ceiling fan feed and backbox only	4	EA	\$450.00	\$1,800
Lighting and Branch Wiring				
Lighting fixtures				
Lighting Vendors quote	1	LS	\$26,010.00	\$26,010
Lighting cost below include Labor to install only:				
Type R2A	2	EA	\$140.00	\$280
Type R2B	7	EA	\$140.00	\$980
Type P8	8	EA	\$140.00	\$1,120
Type S1	1	EA	\$140.00	\$140
Type S2A	2	EA	\$140.00	\$280
Type Z13	2	EA	\$280.00	\$560
Exit	3	EA	\$140.00	\$420
Lighting Controls				
Digital lighting control system	1,910	SF	\$1.50	\$2,864
DRC	4	EA	\$250.00	\$1,000
Sensor	4	EA	\$200.00	\$800
Dimmer switch	4	EA	\$75.00	\$300
Branch devices				
Double Duplex receptacle in floor box	4	EA	\$72.00	\$288
Double Duplex receptacle	1	EA	\$72.00	\$72
Duplex receptacle WP, ground	5	EA	\$500.00	\$2,500
Duplex receptacle	13	EA	\$36.00	\$468
2 gang floor box	5	EA	\$350.00	\$1,750
Device box	65	EA	\$38.00	\$2,470
3/4" EMT	1,300	LF	\$10.00	\$13,000
3/4" PVC	500	LF	\$10.00	\$5,000
#12 THHN	9,000	LF	\$1.10	\$9,900
Fire Alarm				
Modify and upgrade control panel	1	LS	\$3,500.00	\$3,500
Initiating device	2	EA	\$150.00	\$300
Audio visual device	1	EA	\$125.00	\$125
Visual device	4	EA	\$115.00	\$460
Modules	2	EA	\$150.00	\$300
Device box	9	EA	\$38.00	\$342
3/4" EMT	225	LF	\$10.00	\$2,250
FA cable	350	LF	\$1.50	\$525
Testing and programming	1	LS	\$1,500.00	\$1,500

ELECTRICAL	Quantity	Unit	Rate	Total (\$)
Communications and Security				
Security system				
Make connection to existing head end	1	LS	\$3,500.00	\$3,500
Camera WP	8	EA	\$1,750.00	\$14,000
Camera	1	EA	\$1,200.00	\$1,200
Card reader	3	EA	\$350.00	\$1,050
Door contact	8	EA	\$250.00	\$2,000
Device box	21	EA	\$38.00	\$798
3/4" EMT	1,100	LF	\$10.00	\$11,000
Cabling	1,300	LF	\$1.75	\$2,275
Telecommunications				
IDF closet fit-out	1	LS	\$3,500.00	\$3,500
Device box with conduit stub to ceiling	7	EA	\$130.00	\$910
Floor box	6	EA	\$350.00	\$2,100
1-port device	1	EA	\$25.00	\$25
2-port device	6	EA	\$50.00	\$300
2-port device in floor box	6	EA	\$25.00	\$150
WAP	1	EA	\$450.00	\$450
Cat.6 cable	5,400	LF	\$1.75	\$9,450
AV System				
Community room sound system	1	LS	\$5,000.00	\$5,000
AV system rough-in & power	1,910	GSF	\$1.00	\$1,910
Other Electrical Systems				
Demo & make safe	1	LS	\$5,000.00	\$5,000
Temp power & lighting	1	LS	\$4,000.00	\$4,000
Seismic restraints	1	LS	\$4,500.00	\$4,500
Fees & Permits	1	LS	\$2,500.00	\$2,500
			Subtotal For Electrical:	\$181,331

EQUIPMENT	Quantity	Unit	Rate	Total (\$)
Commercial Equipment				
Café/Warming kitchen equipments	295	SF		NIC, OFOI
Computers at Heritage Workroom	2	EA		NIC, OFOI
			Subtotal For Equipment:	

FURNISHINGS	Quantity	Unit	Rate	Total (\$)
Fixed Furnishings				
Light Control and Vision Equipment				
Mechoshade, manual installation (WC-1)	175	SF	\$12.00	\$2,100
Subtotal For Furnishings:				\$2,100

SELECTIVE BUILDING DEMOLITION	Quantity	Unit	Rate	Total (\$)
Selective Demolition				
Remove (E) tile roof	2,239	SF	\$3.00	\$6,718
Demolition and removal of existing partitions/doors and interior finishes	1,645	SF	\$6.00	\$9,870
Demolition and removal of (E) exterior wall - for new french door	128	SF	\$10.00	\$1,280
Demo and remove (E) decking, stair and railing	160	SF	\$20.00	\$3,200
Demo and remove (E) gypwall at inside face of exterior wall	3,209	SF	\$2.00	\$6,419
Demo and remove (E) stairs + railings, patch plaster as required	94	SF	\$25.00	\$2,350
Demo and remove (E) plumbing fixtures	4	EA	\$150.00	\$600
Hazardous Materials Abatement - Allowance	1,910	GSF	\$15.00	\$28,643
Subtotal For Selective Building Demolition:				\$59,079

Backcheck 2 Cost Estimate

Site Improvement (Police Station Scope)

Atherton Civic Center

Control Quantities
Site Improvement (Police Station Scope) Summary
Detailed Cost Breakdown

March 26, 2018

Site Areas

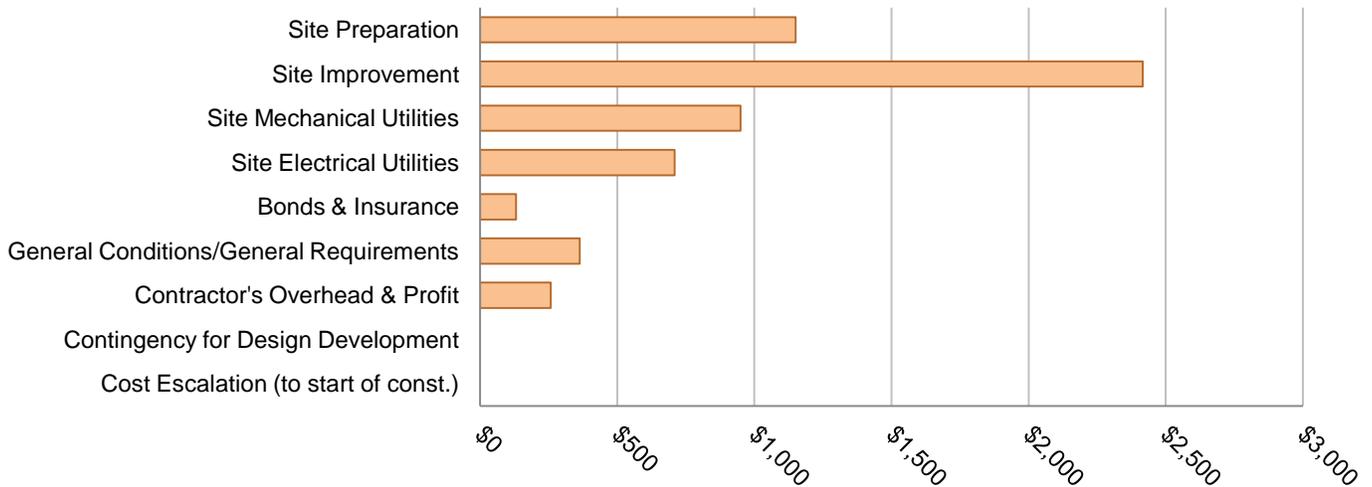
Vehicular paving	53,098
Pedestrian paving and hardscape	27,904
Landscaping and Softscape	20,400
Biofiltration basin	3,458
Ancillary building	1,954
Building footprint - City Hall	15,770
Miscellaneous sitework	303

Subtotal of Enclosed Area	122,887
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CSI UniFormat Summary	122,887 SF	%	\$/SF	,\$000
Site Preparation		19%	\$9.36	\$1,150
Site Improvement		40%	\$19.66	\$2,416
Site Mechanical Utilities		16%	\$7.72	\$949
Site Electrical Utilities		12%	\$5.77	\$709
Subtotal - Sitework		87%	\$42.51	\$5,225
Bonds & Insurance	2.50%	2%	\$1.06	\$131
General Conditions/General Requirements	6.78%	6%	\$2.96	\$363
Contractor's Overhead & Profit	4.50%	4%	\$2.09	\$257
Subtotal		100%	\$48.63	\$5,976
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of const.)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$48.63	\$5,976

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



SITE PREPARATION	Quantity	Unit	Rate	Total (\$)
Demolition Of Building and Structures				
Demo and removal of existing building within the limit of work	12,925	SF	\$12.00	\$155,100
Demo and removal of all hardscape and minimum softscape, including paving, curbs, wall features and aggregate base	109,962	SF	\$1.50	\$164,943
Remove existing trees	22	EA	\$1,000.00	\$22,000
Site Protective Construction				
Tree Protection				
Temporary tree protection chainlink fence, 6' high (F-1)	892	LF	\$32.00	\$28,544
Temporary layer of mulch to be maintained till tree protection fence is removed, 2" thick	5,250	SF	\$0.50	\$2,625
Plastic laminated sign spaced at 50' o.c., 24" x 36" "KEEP OUT TREE PROTECTION AREA"	18	EA	\$100.00	\$1,800
Erosion control/SWPPP	122,887	SF	\$0.50	\$61,444
Earthwork				
Site clearing and rough grading	122,887	SF	\$0.50	\$61,444
Excavate and offhaul unsuitable materials				
Under building, 30" thick	1,840	CY	\$35.00	\$64,394
Under vehicular/pedestrian paving, varying thickness	4,069	CY	\$35.00	\$142,398
Under planting area	2,471	CY	\$35.00	\$86,497
6~12" thick scarified/moisture conditioned/compacted native soil				
Under building	19,870	SF	\$1.00	\$19,870
Under vehicular/pedestrian paving	81,002	SF	\$1.00	\$81,002
30" thick compacted engineered fill, extend pad 5' beyond edge of building on all sides	1,840	CY	\$35.00	\$64,394
Hazardous Materials Abatement - Allowance	12,925	SF	\$15.00	\$193,875
Subtotal For Site Preparation:				\$1,150,328

SITE IMPROVEMENT

	Quantity	Unit	Rate	Total (\$)
Vehicular Paving				
PV-1 Asphalt paving; consists of 4" thick asphalt concrete pavement, over 10" thick class 2 aggregate base, over woven textile fabric and compacted 12" thick subgrade	53,098	SF	\$7.50	\$398,235
Pavement marking and striping	53,098	SF	\$0.35	\$18,584
Parking signage	1	LS	\$2,000.00	\$2,000
Concrete vertical curb	1,223	LF	\$25.00	\$30,575
Concrete flush curb, 36" side	258	LF	\$35.00	\$9,030
Reinforced concrete valley gutter	429	LF	\$35.00	\$15,015
Concrete curb and gutter	630	LF	\$35.00	\$22,050
Curb cuts and ramps - allowance	4	EA	\$1,500.00	\$6,000
Recycled rubber wheelstop, 6'-0" long	58	EA	\$100.00	\$5,800
Pedestrian Paving				
PV-2 Porous asphalt paving; consist of 4" thick open-graded porous asphalt, over 6" thick choker course crushed aggregate, over 24" thick washed drain rock, over geogrid and non-woven geotextile fabric, over uncompacted subgrade	4,262	SF	\$12.00	\$51,144
PV-3 Exposed aggregate pervious concrete; consist of 4" thick exposed aggregate pervious concrete, over 6" thick graded crushed aggregate base, over 12" thick 3/4" washed drain rock, over filter fabric	13,992	SF	\$11.00	\$153,912
PV-5 Mulch (3" thick) over geotextile weed barrier, over 95% compacted subgrade	1,496	SF	\$2.50	\$3,740
PV-6 Concrete paving; consist of 4" thick reinforced concrete, over 6" thick class II aggregate base, over geotextile and 95% compacted native subgrade	3,948	SF	\$8.00	\$31,584
PV-8 Stabilized decomposed granite; consist of 3" thick decomposed granite, over 4" thick class II aggregate base, over 12" thick 95% compacted subbase	3,610	SF	\$8.00	\$28,880
PV-9 Gravel maintenance path; consist of 4" thick gravel over 96% compacted subbase	596	SF	\$4.00	\$2,384

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Landscaping				
Planting area, 1 gallon pots @ 18" o.c.	9,542	SF	\$10.00	\$95,420
Planting area, 5 & 10 gallon pots @ 24" o.c.	6,236	SF	\$24.00	\$149,664
Planting area, 15 gallon pots	1,164	SF	\$24.00	\$27,936
Biofiltration basin; consists of 1 gallon plants @ 18" o.c., over 2" thick gravel much, over 18" thick of bioretention soil mix, over 12" thick of sand, over geotextile filter fabric	3,458	SF	\$25.00	\$86,450
Ground hardwood mulch, 2" thick	20,400	SF	\$0.35	\$7,140
Landscape edging header - allowance	4,000	LF	\$10.00	\$40,000
Trees, 48" box	10	EA	\$2,000.00	\$20,000
Irrigation				
Planting area (PA)	20,400	SF	\$2.50	\$51,000
Trees	10	EA	\$350.00	\$3,500
Soil Preparation				
S-1 New topsoil (excavated and amended or imported, 3' deep	1,497	CY	\$25.00	\$37,428
S-2 Amend in place existing soil; 12" in hand excavation zone of existing trees, 18" thick otherwise	974	CY	\$25.00	\$24,356
S-3 Porous paving #2 gap-graded aggregate; 8" thick deep below bottom of paving			<i>measured with PV-3</i>	
S-4 CU-Structural soil; 24" thick deep below bottom of paving	263	CY	\$45.00	\$11,840
S-5 Biofiltration soil profile			<i>measured with Bioretention basin</i>	
Site Structures				
B-1 Radial bench	92	LF	\$250.00	\$23,000
H-1 Handrail with lighting (lights included w/ site lighting L-6)			<i>Included in Building - Stair section</i>	
S-1 Concrete stairs/steps			<i>Included in Building - Stair section</i>	
W-1 Retaining seatwall with skateboard deterrent notches, curved	158	LF	\$350.00	\$55,300

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Site Structures				
W-2 Concrete retaining wall @ biofiltration basin, 6" thick x 5'-0" high	164	LF	\$225.00	\$36,900
W-3 "Garapa" Security fence around radio tower; wood fence in galvanized steel frame, complete with single leaf gate, 8'-0" high	62	LF	\$400.00	\$24,800
Reinforced concrete wall footing				
For W-2, 3'-6"wide x 12" thick	164	LF	\$75.00	\$12,300
For W-3, 9" wide x 3'-4"high	62	LF	\$150.00	\$9,300
F-1 Cochran lounge chair	20	EA	\$300.00	\$6,000
F-2 Cochran side table	5	EA	\$800.00	\$4,000
F-4 Custom gate	1	EA	\$3,500.00	\$3,500
Police Secure Parking Lot & Ancillary Building				
Reinforced concrete grade beams				
Excavation and disposal offsite	56	CY	\$45.00	\$2,520
Concrete, 4000psi	56	CY	\$280.00	\$15,680
Formwork	1,205	SF	\$10.00	\$12,050
Reinforcement	13,421	LB	\$1.50	\$20,131
Drilled concrete pier				
18" diameter x 25'deep (P1A)			<i>Deleted at Backcheck Set</i>	
Reinforced concrete slab on grade	1,954	GSF	\$15.00	\$29,310
Superstructure				
Vertical Structure/Post	1,954	GSF	\$10.00	\$19,540
20" square plinth x 3'-6high			<i>Deleted at Backcheck Set</i>	
Structural roof framing and misc connections	2	T	\$5,280.00	\$10,560
Steel deck, B16	1,952	GSF	\$6.00	\$11,712
Exterior Enclosure				
Reinforced CMU wall with cement plaster finish; 8" thick (CP-1A)	2,658	SF	\$50.00	\$132,900
Interior finish to exterior wall, painted gypwall	2,658	SF	\$7.50	\$19,935
Precast concrete base	232	LF	\$30.00	\$6,960
Precast concrete cap at parapet wall, 4" high	234	LF	\$31.00	\$7,254
Exterior Security Doors/Windows				
Single leaf	5	EA	\$2,500.00	\$12,500
Double leaf	4	PR	\$3,700.00	\$14,800
Intake louver with security bars (MC-4)	3	EA	\$300.00	\$900
Cardkey access	9	EA	\$2,000.00	\$18,000
Overhead sectional solid panel door				
At stolen evidence/vehicle 10'-0"w x 10'-0"h	1	EA	\$10,000.00	\$10,000
At motorcycle garage, 16'-0"w x 8'-0"h	1	EA	\$12,800.00	\$12,800
Removable flood barrier, 2'-0" high	1	LS	\$10,000.00	\$10,000

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Police Secure Parking Lot & Ancillary Building				
Roofing				
Built-up roof including rigid insulation, flat roof area	1,954	SF	\$20.00	\$39,080
Roof flashing, gutters and downspouts	1,954	SF	\$2.00	\$3,908
Interior Construction				
Interior CMU wall	1,121	SF	\$30.00	\$33,615
Interior gypwall (type B3Z)	918	SF	\$20.00	\$18,360
Interior doors	2	EA	\$1,800.00	\$3,600
Casework				
Metal storage shelving, 6'-8"high	52	LF	\$300.00	\$15,600
Tall cabinet	16	LF	\$750.00	\$12,000
Equipments & Furnishing				
Maple butcher block workbench, 72"w x 30"d	5	EA	\$600.00	\$3,000
Wall mounted bike rack	1	LS	\$3,500.00	\$3,500
Chalkboards and graphics; including directional/wayfinding signs, door signage, chalkboard and tackboards, flagpole, and building signs - allowance	1,900	GSF	\$5.00	\$9,500
Floor, Wall and Ceiling Finishes	1,900	GSF	\$10.00	\$19,000
Miscellaneous, rough carpentry	1,900	GSF	\$2.00	\$3,800
Fire Extinguisher cabinets (FEC)	2	EA	\$450.00	\$900
Plumbing				
Plumbing Fixtures				
Hose Bibb (HB-2)	1	EA	\$450.00	\$450
Domestic Water Distribution				
3/4" Domestic water piping	25	LF	\$30.00	\$750
Domestic water pipe insulation	25	LF	\$12.00	\$300
Storm Water Piping				
3" Storm drain piping	65	LF	\$35.00	\$2,275
3" Roof downspout connection	2	EA	\$750.00	\$1,500
Miscellaneous				
Coring, sealing and firestopping	1	LS	\$500.00	\$500
Coordination, commissioning support & management	1	LS	\$800.00	\$800
Fees & permits	1	LS	\$100.00	\$100

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Police Secure Parking Lot & Ancillary Building				
HVAC - Allowance				
Equipment				
L-FC /CU	3	EA	\$6,500.00	\$19,500
Piping				
Refrigerant piping with fittings and hangers	195	LF	\$31.50	\$6,143
Condensate piping with fittings & hangers	45	LF	\$18.00	\$810
Pipe insulation	240	LF	\$12.00	\$2,880
Valves & accessories	1	LS	\$400.00	\$400
Ductwork				
Galvanized ductwork with fittings & hangers	235	LB	\$10.85	\$2,550
Duct insulation	155	GSF	\$4.00	\$620
Registers, grilles & diffusers	8	EA	\$285.00	\$2,280
Miscellaneous sheet metal accessories	1	LS	\$400.00	\$400
Miscellaneous				
Automatic temperature control DDC	1	LS	\$4,500.00	\$4,500
Test and balance	1	LS	\$900.00	\$900
Coring and firestopping	1	LS	\$500.00	\$500
Rigging & equipment rental	1	LS	\$10,000.00	\$10,000
Coordination, commissioning support & management	1	LS	\$3,000.00	\$3,000
Fees & permits	1	LS	\$700.00	\$700
Electrical				
125A panelboard	1	EA	\$2,150.00	\$2,150
100A panelboard	3	EA	\$2,000.00	\$6,000
125A feed in ductbank	80	LF	\$40.00	\$3,200
100A feed	100	LF	\$30.00	\$3,000
Grounding and bonding	1	LS	\$500.00	\$500
Equipment wiring				
Mechanical equipment feed and connections	1,900	SF	\$2.00	\$3,800
20A feed and connection	9	EA	\$450.00	\$4,050
Fan feed and connection	3	EA	\$1,500.00	\$4,500
Lighting and Branch Wiring				
Lighting fixtures Type P5A	18	EA	\$250.00	\$4,500
Type Z7	3	EA	\$450.00	\$1,350
Exit	2	EA	\$220.00	\$440
Single pole switch	8	EA	\$40.00	\$320
Occupancy sensor	6	EA	\$200.00	\$1,200
DRC	3	EA	\$250.00	\$750

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Police Secure Parking Lot & Ancillary Building				
Electrical				
Branch devices				
Duplex receptacle	45	EA	\$20.00	\$900
Device box	85	EA	\$38.00	\$3,230
3/4" EMT	1,700	LF	\$10.00	\$17,000
#12 THHN	8,500	LF	\$1.10	\$9,350
Communications and Security				
Fire Alarm				
Fire alarm control panel	1	EA	\$2,000.00	\$2,000
Initiating device	5	EA	\$150.00	\$750
Audio visual device	8	EA	\$125.00	\$1,000
Modules	2	EA	\$150.00	\$300
Device box	15	EA	\$38.00	\$570
3/4" EMT	500	LF	\$10.00	\$5,000
FA cable	750	LF	\$1.50	\$1,125
Testing and programming	1	LS	\$850.00	\$850
Telecommunications				
Fit out closet	1	LS	\$2,000.00	\$2,000
2 port data device	16	EA	\$50.00	\$800
Cabling	4,200	LF	\$1.75	\$7,350
Rough-in	1,900	SF	\$1.00	\$1,900
Security system				
Head end	1	LS	\$5,000.00	\$5,000
Card reader	8	EA	\$350.00	\$2,800
Door contact	11	EA	\$250.00	\$2,750
Electric strike (connection only, strike provided by DHC)	10	EA	\$250.00	\$2,500
REX	10	EA	\$250.00	\$2,500
Device box	39	EA	\$38.00	\$1,482
3/4" EMT	1,000	LF	\$10.00	\$10,000
Cabling	1,500	LF	\$1.75	\$2,625
Other Electrical Systems				
Temp power & lighting	1	LS	\$1,000.00	\$1,000
Seismic restraints	1	LS	\$1,000.00	\$1,000
Fees & Permits	1	LS	\$400.00	\$400
Fire Protection - Allowance	1,900	GSF	\$8.00	\$15,200

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Police Secure Parking Lot & Ancillary Building				
Miscellaneous Site Improvement				
Concrete pad for fuel storage tank, emergency generator and transformer and trash area	520	SF	\$20.00	\$10,400
Trash enclosure				
Reinforced concrete slab on grade	264	SF	\$20.00	\$5,280
Metal fence trash enclosure, 8'-0"high	512	SF	\$40.00	\$20,480
Swinging gate at trash enclosure, 7'w x	1	PR	\$3,000.00	\$3,000
Single leaf gate	1	EA	\$1,800.00	\$1,800
Secure PD parking, asphalt paving			<i>measured under pedestrian paving</i>	
Striping and pavement marking			<i>measured under pedestrian paving</i>	
Removable bollard, 4" diameter	14	EA	\$350.00	\$4,900
Fencing and miscellaneous site furnishing				
Pedestrian solid gate, single leaf	2	EA	\$3,500.00	\$7,000
Secure sliding gate; manual sliding, locked in place				
18' wide	1	EA	\$12,000.00	\$12,000
20' wide	1	EA	\$13,000.00	\$13,000
24' wide	1	EA	\$15,600.00	\$15,600
CMU fence, 7'-8"high	92	LF	\$400.00	\$36,800
Secure metal fence, 8'-0"high	59	LF	\$500.00	\$29,500
PD radio tower				<i>NIC, by others</i>
Allowance for miscellaneous site furnishing; such as trash receptacles, bollards, etc.	1	LS	\$15,000.00	\$15,000
Subtotal For Site Improvement:			\$2,415,941	

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Fire Water Service				
Fire water lines - PVC, to 8"	34	LF	\$94.00	\$3,196
Fire water lines - PVC, to 6"	977	LF	\$73.00	\$71,321
Connection to (E) water main	2	EA	\$4,500.00	\$9,000
Reduced pressure backflow preventer	2	EA	\$8,500.00	\$17,000
Post indicator valve, to 6"	2	EA	\$1,850.00	\$3,700
Fire department connection	2	EA	\$2,800.00	\$5,600
Fire hydrant assembly	2	EA	\$4,200.00	\$8,400
Meter box	2	EA	\$1,500.00	\$3,000

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Domestic Water Service				
Domestic water lines - PVC, 4"	173	LF	\$58.00	\$10,034
Domestic water lines - PVC, 2 1/2"	40	LF	\$37.00	\$1,480
Connection to (E) water main	1	EA	\$4,000.00	\$4,000
Domestic water meter w/ box, 3"	1	EA	\$2,200.00	\$2,200
Backflow preventor, 4"	1	EA	\$4,850.00	\$4,850
Sanitary Sewer System				
Manhole (no sump pump)	6	EA	\$7,500.00	\$45,000
Sewer cleanout	4	EA	\$850.00	\$3,400
Area drain	2	EA	\$1,200.00	\$2,400
Backwater valve	1	EA	\$1,200.00	\$1,200
Sand / oil separator	3	EA	\$800.00	\$2,400
Automated diverter system				NA
Sanitary sewer lines - PVC, 6"	118	LF	\$80.00	\$9,440
Manhole, SS POC to (E) SS system	6	EA	\$4,000.00	\$24,000
Shoring for excavation 8~10' below grade	236	LF	\$200.00	\$47,200
Storm Drainage System				
Manhole (no sump pump)	1	EA	\$7,500.00	\$7,500
Manhole (existing adjust rim)	1	LS	\$4,000.00	\$4,000
Catchbasin / Junction box / Bubbler	9	EA	\$2,200.00	\$19,800
Bio Retention Basin, allowance for subdrain piping and overflow structure	1	EA	\$8,000.00	\$8,000
SD Cleanout	2	EA	\$850.00	\$1,700
Trench drain	180	LF	\$114.00	\$20,520
Outfall	2	EA	\$5,000.00	\$10,000
Area drain				NA
Sand / oil separator				NA
Storm drain lines				
12" dia	323	LF	\$102.00	\$32,946
8" dia	403	LF	\$82.00	\$33,046
6" dia	784	LF	\$60.00	\$47,040
4" dia	110	LF	\$50.00	\$5,500
SD POC to (E) SD system	5	EA	\$1,800.00	\$9,000
Perf. Sub drainage	561	LF	\$36.00	\$20,196
Chilled & Heating Water Pre-Insulated direct buried piping (CS)				
6" dia	840	LF	\$190.00	\$159,600
4" dia	840	LF	\$150.00	\$126,000
3" dia	840	LF	\$135.00	\$113,400
Point of connection	12	EA	\$3,500.00	\$42,000

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Miscellaneous				
Related Storm Drainage Requirements: including demo & removal of (E) underground pipes, fees & permits				
	1	LS	\$10,000.00	\$10,000
Subtotal For Site Mechanical Utilities:				\$949,069

SITE ELECTRICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Electrical Service and Distribution				
Connection to Vault - Allowance for PG&E Service Cost				
	1	LS	\$30,000.00	\$30,000
Primary ductbank includes 2-5" PVC conduits, concrete encased				
Primary ductbank to padmount transformer	150	LF	\$113.00	\$16,950
Pole riser	1	LS	\$1,200.00	\$1,200
Handhole	2	EA	\$3,500.00	\$7,000
Padmount transformer				<i>By PG&E</i>
Connection to existing transformers				<i>By PG&E</i>
Padmount transformer pad	1	EA	\$2,500.00	\$2,500
Secondary Ductbank				
2000A feed to MSB-M	20	LF	\$790.00	\$15,800
500A feed from switchboard (Police)	80	LF	\$240.00	\$19,200
400A feed from switchboard (City Hall)	200	LF	\$145.00	\$29,000
400A feed from switchboard (HP-1)	465	LF	\$145.00	\$67,425
Handhole	3	EA	\$3,500.00	\$10,500
Site Communications				
Communications ductbank 2-4 conduits with inner duct and backbone cabling	1,040	LF	\$160.00	\$166,400
Handhole	9	EA	\$3,500.00	\$31,500
Potential AT&T fiber substation and PG&E Equipment relocation - Allowance	1	LS	\$20,000.00	\$20,000
Lighting and Branch Wiring				
Time clock	1	EA	\$450.00	\$450
Lighting contactor	1	EA	\$1,000.00	\$1,000
Lighting Vendors quote	1	LS	\$86,670.00	\$86,670

SITE ELECTRICAL UTILITIES

	Quantity	Unit	Rate	Total (\$)
Lighting and Branch Wiring				
Lighting cost below include Labor to install only:				
Type Z-1 (Bollard)	15	EA	\$840.00	\$12,600
Type Z-3	7	EA	\$280.00	\$1,960
Type Z-5 (Pole light)	8	EA	\$1,120.00	\$8,960
Type Z-8 (Step light)	32	EA	\$280.00	\$8,960
Type Z-11	2	EA	\$280.00	\$560
Base	23	EA	\$450.00	\$10,350
Circuitry	1,500	LF	\$20.00	\$30,000
Site Security				
Site security, allow	1	LS	\$15,000.00	\$15,000
Other Site Work				
Site demolition	1	LS	\$25,000.00	\$25,000
Gate Operators				
2-2" PVC conduits controls and feed	200	LF	\$30.00	\$6,000
Gate operator connections	1	EA	\$2,500.00	\$2,500
Radio IT Equipment Room (Existing)				
Temporary generator	1	LS	\$25,000.00	\$25,000
Relocate electrical meters	1	LS	\$2,500.00	\$2,500
EV Stations				
Charging Station (connections only)	2	EA	\$2,500.00	\$5,000
100A panelboard WP	2	EA	\$3,000.00	\$6,000
75KVA transformer	1	EA	\$8,700.00	\$8,700
50KVA transformer	1	EA	\$6,500.00	\$6,500
2-3" conduits with 100A feed and controls	350	LF	\$50.00	\$17,500
2-2" conduits for data	350	LF	\$30.00	\$10,500
Photovoltaic system				<i>NIC, see ADD Alternate</i>
Subtotal For Site Electrical Utilities:				\$709,185

Backcheck 2 Cost Estimate

Site Improvement (Library Scope)

Atherton Civic Center

Control Quantities
Site Improvement (Library Scope) Summary
Detailed Cost Breakdown

March 26, 2018

Site Areas

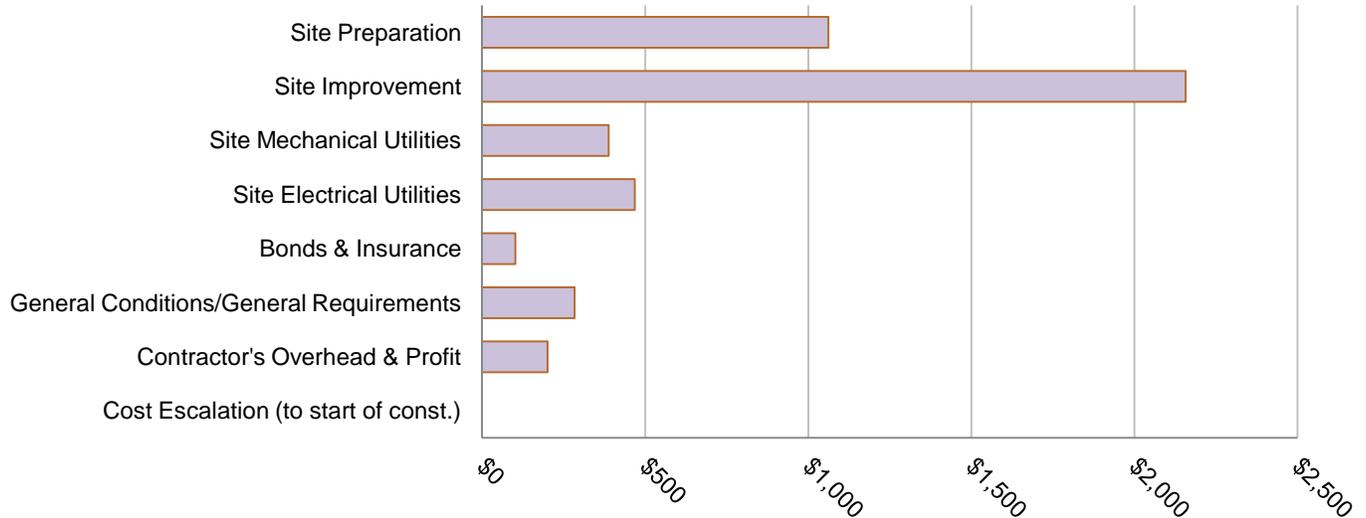
Vehicular paving	13,155
Pedestrian paving and hardscape	26,404
Landscaping and Softscape	35,500
Biofiltration basin	1,980
Library Building footprint	9,750
Existing Town Hall to remain	1,645
Miscellaneous sitework	1,120

Subtotal of Enclosed Area	89,554
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CSI UniFormat Summary	89,554 SF	%	\$/SF	,\$000
Site Preparation		23%	\$11.86	\$1,062
Site Improvement		46%	\$24.09	\$2,158
Site Mechanical Utilities		8%	\$4.34	\$388
Site Electrical Utilities		10%	\$5.23	\$469
Subtotal - Sitework		87%	\$45.52	\$4,077
Bonds & Insurance	2.50%	2%	\$1.14	\$102
General Conditions/General Requirements		6%	\$3.16	\$283
Contractor's Overhead & Profit	4.50%	4%	\$2.24	\$201
Subtotal		100%	\$52.07	\$4,663
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of const.)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET	June 2018	100%	\$52.07	\$4,663

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



SITE PREPARATION	Quantity	Unit	Rate	Total (\$)
Demolition Of Building and Structures				
Demo and removal of existing building within the limit of work	8,786	SF	\$13.00	\$114,218
Demo and removal of all hardscape and minimum softscape, including paving, curbs, wall features and aggregate base	80,768	SF	\$1.50	\$121,152
Remove existing trees	20	EA	\$1,000.00	\$20,000
Site Protective Construction				
Transplant existing trees	2	EA	\$70,000.00	\$140,000
Tree Protection				
Temporary tree protection chainlink fence, 6' high (F-1)	2,041	LF	\$32.00	\$65,312
Temporary layer of mulch to be maintained till tree protection fence is removed, 2" thick	10,702	SF	\$0.50	\$5,351
Plastic laminated sign spaced at 50' o.c., 24" x 36" "KEEP OUT TREE PROTECTION AREA"	40	EA	\$100.00	\$4,000
Erosion control/SWPPP	89,554	SF	\$0.50	\$44,777
Earthwork				
Site clearing and rough grading	89,554	SF	\$0.50	\$44,777
Excavate and offhaul unsuitable materials				
Under building, 30" thick	1,190	CY	\$35.00	\$41,644
Under vehicular/pedestrian paving, varying thickness	2,545	CY	\$35.00	\$89,061
Under planting area	4,164	CY	\$35.00	\$145,756
6~12" thick scarified/moisture conditioned/compacted native soil				
Under building	12,850	SF	\$1.00	\$12,850
Under vehicular/pedestrian paving	39,559	SF	\$1.00	\$39,559
30" thick compacted engineered fill, extend pad 5' beyond edge of building on all sides	1,190	CY	\$35.00	\$41,644
Hazardous Materials Abatement	8,786	SF	\$15.00	\$131,790
Subtotal For Site Preparation:			\$1,061,889	

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Vehicular Paving				
PV-1 Asphalt paving; consists of 4" thick asphalt concrete pavement, over 10" thick class 2 aggregate base, over woven textile fabric and compacted 12"thick subgrade	13,155	SF	\$7.50	\$98,663
Pavement marking and striping	13,155	SF	\$0.35	\$4,604
Parking signage	1	LS	\$2,000.00	\$2,000
Concrete vertical curb	370	LF	\$25.00	\$9,250
Concrete flush curb, 36" side	100	LF	\$35.00	\$3,500
Reinforced concrete valley gutter	108	LF	\$35.00	\$3,780
Concrete curb and gutter	132	LF	\$35.00	\$4,620
Curb cuts and ramps - Allowance	2	EA	\$1,500.00	\$3,000
Recycled wheelstop, 6'-0" long	38	EA	\$100.00	\$3,800
Pedestrian Paving				
PV-2 Porous asphalt paving; consist of 4" thick open-graded porous asphalt, over 6" thick choker course crushed aggregate, over 24" thick washed drain rock, over geogrid and non-woven geotextile fabric, over uncompacted subgrade	4,402	SF	\$12.00	\$52,824
PV-3 Exposed aggregate pervious concrete; consist of 4" thick exposed aggregate pervious unreinforced concrete, over 6" thick graded crushed aggregate base, over 12" thick 3/4" washed drain rock, over filter fabric	13,399	SF	\$11.00	\$147,389
PV-4	5,185		<i>see wood deck below</i>	
PV-5 Mulch (3" thick) over geotextile weed barrier, over 95% compacted subgrade	1,612	SF	\$2.50	\$4,030
PV-8 Stabilized decomposed granite; consist of 3" thick decomposed granite, over 4" thick class II aggregate base, over 12" thick 95% compacted subbase	486	SF	\$8.00	\$3,888
PV-10 Precast paver; 12"x36" precast paver over sand bedding and class II aggregate base, over geotextile fabric and 95% compacted subgrade	1,320	SF	\$25.00	\$33,000

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
PV-4 Wood deck; for community porch, maker's yard, librarian's garden & quiet reading deck				
Reinforced concrete footing				
Spread footing, 2'-0" x 2'-0" x 18" deep	31	EA	\$300.00	\$9,300
6 x 6 P.T.	31	EA	\$300.00	\$9,300
Reinforced concrete grade beams at exterior deck, as per structural drawings (GB-1A)				
Excavation and disposal offsite	33	CY	\$45.00	\$1,470
Concrete, 4000psi	33	CY	\$280.00	\$9,147
Formwork	882	SF	\$10.00	\$8,820
Reinforcement	3,267	LB	\$1.50	\$4,900
Concrete curb, 8" thick	294	LF	\$35.00	\$10,290
Wood framing				
2x10 red wood joist @16" o.c.	8,406	BF	\$20.00	\$168,115
Ledger	3,202	BF	\$20.00	\$64,046
Filter fabric	5,185	SF	\$1.00	\$5,185
1x6 "garapa" decking	5,185	SF	\$18.00	\$93,330
1x6 "garapa" siding	588	SF	\$18.00	\$10,584
Decorative metal railing, stainless steel (H-1)			<i>measured under Fencing</i>	
Wood tread and riser, to match finish with wood deck (S-2)	155	LF	\$150.00	\$23,250
Wood bench to match finish with wood deck, 2'-4" wide wood planks	172	LF	\$200.00	\$34,400
Wood seating to match finish wood deck	162	LF	\$200.00	\$32,400
Concrete seatwall, 2'-0" thick x 4'-8" high max	70	LF	\$250.00	\$17,500
Reinforced concrete foundation, 3'-0" wide x 1'-4" thick	70	LF	\$100.00	\$7,000
Landscaping				
Planting area, 1 gallon pots @ 18" o.c.	22,520	SF	\$10.00	\$225,200
Planting area, 5 & 10 gallon pots @ 24" o.c.	11,000	SF	\$24.00	\$264,000
Biofiltration basin; consists of 1 gallon plants @ 18" o.c., over 18" thick of bioretention soil mix, over 10" thick of sand, over geotextile filter fabric	1,980	SF	\$25.00	\$49,500
Ground hardwood mulch, 2" thick	35,500	SF	\$0.35	\$12,425
Landscape edging header - allowance	5,400	LF	\$10.00	\$54,000
Trees, 48" box	18	EA	\$2,000.00	\$36,000
Boulders - allowance	1	LS	\$3,500.00	\$3,500
Irrigation				
Planting area (PA)	35,500	SF	\$2.50	\$88,750
Trees	18	EA	\$350.00	\$6,300

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Soil Preparation				
S-1 New topsoil (excavated and amended or imported), 3' deep	1,820	CY	\$25.00	\$45,494
S-2 Amend in place existing soil; 12" in hand excavation zone of existing trees, 18" thick otherwise	2,125	CY	\$25.00	\$53,117
S-3 Porous paving #2 gap-graded aggregate; 8" thick deep below bottom of paving			<i>measured with PV-3</i>	
S-4 CU-Structural soil; 24" thick deep below bottom of paving	148	CY	\$45.00	\$6,640
S-5 Biofiltration soil profile			<i>measured with Bioretention basin</i>	
Mechanical Equipment Enclosure				
Drilled concrete pier, 4000 psi 24" diameter x 6'-3" deep (P2E)	44	LF	\$200.00	\$8,750
Post HSS3x3x1/4 @ 6'-0" o.c.	42	LF	\$50.00	\$2,100
Wood fence				
9' tall	90	SF	\$50.00	\$4,500
14' tall	574	SF	\$50.00	\$28,700
Concrete curb, 8" thick x 3' high	50	LF	\$150.00	\$7,500
Reinforced slab on grade, 4" thick reinforced with #5 at 16" o.c.	400	SF	\$10.00	\$4,000
PV-8 Stabilized decomposed granite; consist of 3" thick decomposed granite, over 4" thick class II aggregate base, over 12" thick 95% compacted subbase	400	SF	\$8.00	\$3,200
Shade Garden/Play area (PV-5)				
Drilled concrete pier, 4000 psi 24" diameter x 6'-3" deep (P2E)	131	LF	\$200.00	\$26,250
Post HSS3x3x1/4 @ 6'-0" o.c.	126	LF	\$50.00	\$6,300
Wood fence, 6' tall (W3)	720	SF	\$50.00	\$36,000
F-4 Custom gate	2	EA	\$3,500.00	\$7,000

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Fencing and miscellaneous site furnishing				
B-1 Radial bench	66	LF	\$250.00	\$16,500
B-2 Salvaged oak bench	80	LF	\$300.00	\$24,000
H-1 Handrail with lighting (lights included w/ site lighting L-6)	103	LF	\$150.00	\$15,450
S-2 Decking stairs			<i>measured under decking PV-4</i>	
W-1 Retaining seatwall with skateboard deterrent notches, curved	160	LF	\$350.00	\$56,000
W-2 Concrete retaining wall @ biofiltration basin, 6" thick x 5'-0" high	478	LF	\$225.00	\$107,550
W-3 "Garapa" wood fence in galvanized steel frame, complete with single leaf gate, 6'-0" high			<i>measured under shade structure (PV-5)</i>	
Reinforced concrete wall footing				
For W-1, 4'-0"wide x 14" thick	160	LF	\$80.00	\$12,800
For W-2, 3'-6"wide x 12" thick	478	LF	\$75.00	\$35,850
F-1 Cochran lounge chair	16	EA	\$300.00	\$4,800
F-2 Cochran side table	4	EA	\$800.00	\$3,200
F-3 Fountain; consist of 6'-0" diameter core- ten fountain basin, over gray river rock gravel, and 12'-0" diameter concrete base			<i>NIC, By Owner</i>	
F-4 Custom gate			<i>measured w/ shade garden</i>	
F-5 Bike rack, stainless steel tubing	4	EA	\$1,000.00	\$4,000
Allowance for miscellaneous site furnishing; such as trash receptacles, bollards, etc.	1	LS	\$15,000.00	\$15,000
Subtotal For Site Improvement:				\$2,157,760

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Fire Water Service (FW)				
Fire water lines - PVC, to 6"	819	LF	\$73.00	\$59,787
Connection to (E) water main	2	EA	\$4,500.00	\$9,000
Fire department connection	2	EA	\$2,800.00	\$5,600
Fire hydrant assembly	2	EA	\$4,200.00	\$8,400
Reduced pressure backflow preventor	2	EA	\$4,850.00	\$9,700
Blow-off valve, 6"	1	EA	\$1,850.00	\$1,850

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Domestic Water Service (DW)				
Domestic water lines - PVC, 4"	253	LF	\$58.00	\$14,674
Connection to (E) water main	2	EA	\$4,000.00	\$8,000
Domestic water meter w/ box, 3"	1	EA	\$2,200.00	\$2,200
Backflow preventor, 4"	1	EA	\$4,850.00	\$4,850
Sanitary Sewer System (SS)				
Manhole (no sump pump)	6	EA	\$7,500.00	\$45,000
Sewer cleanout	3	EA	\$850.00	\$2,550
Sand / oil separator				NA
Automated diverter system				NA
Sanitary sewer lines - PVC, 6"	532	LF	\$80.00	\$42,560
Manhole, SS POC to (E) SS system	6	EA	\$4,000.00	\$24,000
Shoring for excavation 8~10' below grade	532	LF	\$200.00	\$106,400
Storm Drainage System (SD)				
Catchbasin / Junction box / Bubbler	3	EA	\$2,200.00	\$6,600
Outfall	1	EA	\$5,000.00	\$5,000
Area drain				NA
Sand / oil separator				NA
Storm drain lines				
6" dia	216	LF	\$60.00	\$12,960
SD POC to (E) SD system	1	EA	\$1,800.00	\$1,800
On-Site Well				<i>NIC, Not required</i>
Miscellaneous				
Controlled density fill	150	LF	\$50.00	\$7,500
Related Storm Drainage Requirements: including demo & removal of (E) underground pipes, fees & permits	1	LS	\$10,000.00	\$10,000
Subtotal For Site Mechanical Utilities:				\$388,431

SITE ELECTRICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Secondary Ductbank				
250A feed from switchboard to Library	410	LF	\$82.00	\$33,620
Handhole	5	EA	\$3,500.00	\$17,500
Communications ductbank 2-4 conduits with inner duct and backbone cabling - Allowance to library	680	LF	\$160.00	\$108,800
Handhole	4	EA	\$3,500.00	\$14,000
Lighting and Branch Wiring				
Time clock	1	EA	\$450.00	\$450
Lighting contactor	1	EA	\$1,000.00	\$1,000
Lighting Vendors quote	1	LS	\$128,855.00	\$128,855
Lighting cost below include Labor to install only:				
Type Z-1 (Bollard)	6	EA	\$840.00	\$5,040
Type Z-3	13	EA	\$280.00	\$3,640
Type Z-4 (Not scheduled) allow	4	EA	\$1,000.00	\$4,000
Type Z-5 (Pole light)	15	EA	\$1,120.00	\$16,800
Type Z-8 (Step light)	9	EA	\$280.00	\$2,520
Type Z-9 (Tape Light)	465	LF	\$20.00	\$9,300
Type Z-10	19	EA	\$280.00	\$5,320
Type Z-11	10	EA	\$280.00	\$2,800
Type Z-12	6	EA	\$280.00	\$1,680
Type Z-14	7	EA	\$280.00	\$1,960
Sign light (Not scheduled) allow	3	EA	\$1,000.00	\$3,000
Base	44	EA	\$350.00	\$15,400
Circuitry	2,650	LF	\$20.00	\$53,000
Site Security				
Site security, allow	1	LS	\$15,000.00	\$15,000
Other Site Work				
Site demolition and relocation	1	LS	\$25,000.00	\$25,000
Subtotal For Site Electrical Utilities:			\$468,685	

Backcheck 2 Cost Estimate

Site Improvement (Corp Yard)

Atherton Civic Center

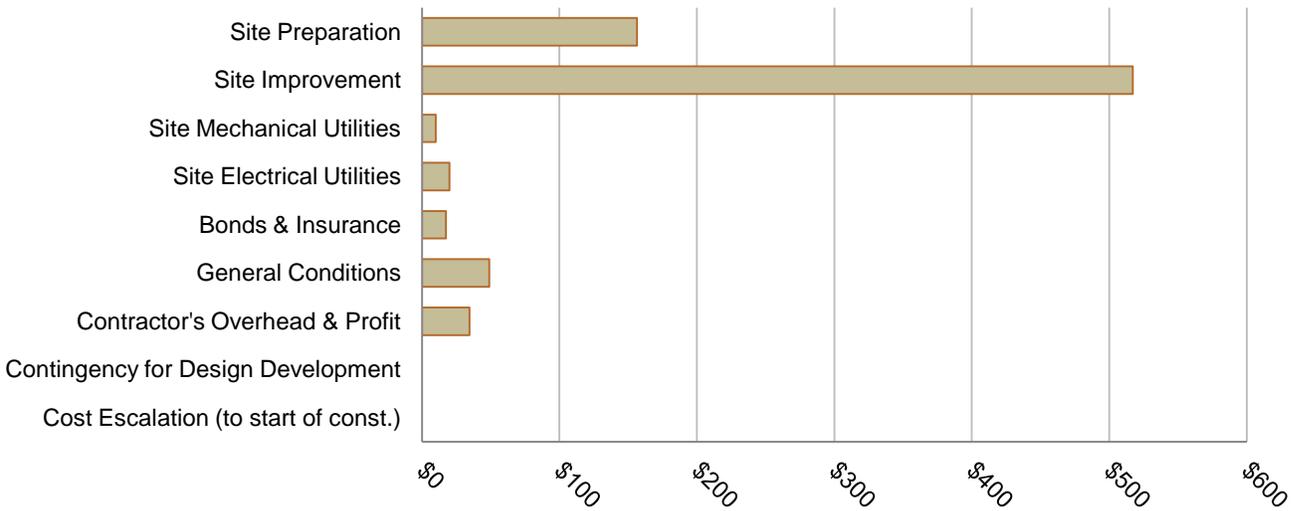
Control Quantities
Site Improvement (Corp Yard) Summary
Detailed Cost Breakdown

March 26, 2018

CSI UniFormat Summary	18,157 SF	%	\$/SF	\$,000
Site Preparation		19%	\$8.61	\$156
Site Improvement		64%	\$28.48	\$517
Site Mechanical Utilities		1%	\$0.55	\$10
Site Electrical Utilities		2%	\$1.10	\$20
Subtotal - Sitework		87%	\$38.74	\$703
Bonds & Insurance	2.50%	2%	\$0.97	\$18
General Conditions	6.78%	6%	\$2.69	\$49
Contractor's Overhead & Profit	4.50%	4%	\$1.91	\$35
Subtotal		100%	\$44.31	\$805
Contingency for Design Development	0.00%	0%	\$0.00	\$0
Cost Escalation (to start of const.)	0.00%	0%	\$0.00	\$0
TOTAL CONSTRUCTION BUDGET		100%	\$44.31	\$805

NOTE: Inclusions and Exclusions listed in the Commentary Section.

CSI UniFormat Summary



SITE PREPARATION	Quantity	Unit	Rate	Total (\$)
Demolition Of Building and Structures				
Demo and removal of existing PW building	1,300	SF	\$13.00	\$16,900
Miscellaneous site demo	18,157	SF	\$5.00	\$90,785
Protect (E) ATT vault	1	LS	\$2,000.00	\$2,000
Site Clearing and Demolition				
Site clearing and rough grading	18,157	SF	\$1.00	\$18,157
Erosion control/SWPPP	18,157	SF	\$0.50	\$9,079
Hazardous Materials Abatement				
	1,300	SF	\$15.00	\$19,500
Subtotal For Site Preparation:				\$156,421

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Vehicular Paving				
AC paving, grind & overlay	7,032	SF	\$5.00	\$35,160
Asphalt pavement	9,825	SF	\$7.50	\$73,688
Pavement marking and striping	16,857	SF	\$1.00	\$16,857
(N) Concrete curb, 6" high	164	LF	\$35.00	\$5,740
Corp Yard Waste Staging Canopy RA3A				
Reinforced concrete grade beams				
Excavation and disposal offsite	10	CY	\$45.00	\$438
Concrete, 4000psi	10	CY	\$280.00	\$2,722
Formwork	210	SF	\$10.00	\$2,100
Reinforcement	1,944	LB	\$1.50	\$2,917
Drilled concrete pier				
18" diameter x 25'deep (P1A)	150	LF	\$125.00	\$18,750
Reinforced concrete slab on grade			<i>NIC, Existing to remain</i>	
Superstructure				
20" x 20" plinth x 2'high	2	EA	\$250.00	\$500
Structural HSS column	60	LF	\$150.00	\$9,000
Base plate	4	EA	\$500.00	\$2,000
Structural roof framing and misc connections	12	T	\$5,280.00	\$63,360
N-16 deck	1,120	SF	\$10.00	\$11,200
PV panel			<i>NIC, see Bid Alt.#4</i>	

SITE IMPROVEMENT	Quantity	Unit	Rate	Total (\$)
Corp Yard Mixing Area Canopy				
Reinforced concrete grade beams				
Excavation and disposal offsite	20	CY	\$45.00	\$896
Concrete, 4000psi	20	CY	\$280.00	\$5,574
Formwork	430	SF	\$10.00	\$4,300
Reinforcement	3,981	LB	\$1.50	\$5,972
Corp Yard Mixing Area Canopy				
Drilled concrete pier				
18" diameter x 25'deep (P1A)	225	LF	\$125.00	\$28,125
Reinforced concrete slab on grade			<i>NIC, Existing to remain</i>	
Superstructure				
20" x 20" plinth x 2'high	3	EA	\$250.00	\$750
14" x 14" plinth x 2'high	2	EA	\$200.00	\$400
Structural HSS	108	LF	\$150.00	\$16,200
Base plate	9	EA	\$500.00	\$4,500
Structural roof framing and misc connections	11	T	\$5,280.00	\$58,080
N-16 deck	1,194	SF	\$10.00	\$11,940
Concrete chamber			<i>NIC, Existing to remain</i>	
PV panel			<i>NIC, see Bid Alt.#4</i>	
Fencing				
Metal fence	354	LF	\$200.00	\$70,800
Trash truck entry gate, double leaf 12'-0" wide	1	PR	\$10,000.00	\$10,000
Sliding gate, 18'-6"wide	2	EA	\$12,500.00	\$25,000
Single leaf gate	2	EA	\$3,500.00	\$7,000
Miscellaneous site furnishing and accessories				
Generator pad	128	SF	\$20.00	\$2,560
30-yard dumpster	1	LS	\$5,000.00	\$5,000
4" diameter concrete filled bollards	11	EA	\$500.00	\$5,500
Landscaping & Irrigation				
Allowance	1	LS	\$10,000.00	\$10,000
Subtotal For Site Improvement:				\$517,028

SITE MECHANICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Miscellaneous Site Mechanical Connection to new water and sanitary sewer pipes - allowance	1	LS	\$10,000.00	\$10,000
Subtotal For Site Mechanical Utilities:				\$10,000

SITE ELECTRICAL UTILITIES	Quantity	Unit	Rate	Total (\$)
Other Site Electrical Utilities EV electrical charging station	2	EA	\$10,000.00	\$20,000
Subtotal For Site Electrical Utilities:				\$20,000

Backcheck 2 Cost Estimate

Alternates

Atherton Civic Center

Alternates Cost Breakdown

March 26, 2018

Alt. #1: Provide hydroseed planting at City Hall in lieu of planting shown on landscape

	Quantity	Unit	Rate	Total (\$)
DELETE:				
Landscaping				
Planting area, 1 gallon pots @ 18" o.c.	(9,542)	SF	\$10.00	(\$95,420)
Planting area, 5 & 10 gallon pots @ 24" o.c.	(7,400)	SF	\$24.00	(\$177,600)
Ground hardwood mulch, 2" thick	(16,942)	SF	\$0.35	(\$5,930)
ADD:				
Landscaping				
Hydroseed	16,942	SF	\$1.00	\$16,942
Mark-up's per Overall Summary				(\$37,668)

Subtotal For Alt. #1: Provide Hydroseed Planting At City Hall In Lieu Of Planting Shown On Landscape Drawings: (\$299,676)

Alt. #2: Enhanced Energy Monitoring at Admin/PD Spaces

	Quantity	Unit	Rate	Total (\$)
DELETE:				
Energy monitoring to Police (lighting only)	(1)	LS	\$15,000.00	(\$15,000)
ADD:				
Energy monitoring to Police (lighting, panels and equipment)	1	LS	\$25,000.00	\$25,000
Mark-up's per Overall Summary				\$1,438

Subtotal For Alt. #2: Enhanced Energy Monitoring At Admin/Pd Spaces: \$11,438

Alt. #3: Addition Of Microgrid System at Admin/PD

	Quantity	Unit	Rate	Total (\$)
DELETE:				
Electrical				
Vendors quote for emergency generator with cover, fuel tank, annunciator and ATS	(1)	LS	\$160,000.00	(\$160,000)
500KW emergency generator (Labor)	(1)	EA	\$15,550.00	(\$15,550)
Annunciator (Labor)	(1)	EA	\$1,000.00	(\$1,000)
600A ATS WP (Labor)	(1)	EA	\$2,240.00	(\$2,240)
400A ATS WP (Labor)	(1)	EA	\$1,400.00	(\$1,400)
600A distribution panelboard	(1)	EA	\$30,000.00	(\$30,000)

Alt. #3: Addition Of Microgrid System at Admin/PD

Quantity	Unit	Rate	Total (\$)
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ADD:**Electrical**

Microgrid system with Bi-directional inverter with (10) total powerpacks	1	LS	\$716,670.00	\$716,670
Labor to install	1	LS	\$120,000.00	\$120,000
600A ATS	1	LS	\$45,000.00	\$45,000
500A feed	30	LF	\$240.00	\$7,200
Control wiring	1	LS	\$20,000.00	\$20,000
Mark-up's per Overall Summary			14.38%	\$100,447

Subtotal For Alt. #3: Addition Of Microgrid System At Admin/Pd:	\$799,127
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Alt. #4: Addition Of Photovoltaic System, including support structures at City Hall, Secure Parking & Carports (Base Bid include PV System at library and installation of clay tile roof if PV panel are not installed on City Hall

Quantity	Unit	Rate	Total (\$)
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DELETE:**Roof Coverings**

Clay tile roof over fire-treated battens, over adhered membrane, sloped roof area	(5,353)	SF	\$28.00	(\$149,881)
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ADD:**Structural - Covered Parking (RA2)****Reinforced concrete grade beams (GB2)**

Excavation and disposal offsite	46	CY	\$45.00	\$2,052
Concrete, 4000psi	46	CY	\$280.00	\$12,769
Formwork	985	SF	\$10.00	\$9,850
Reinforcement; (4) #10 top & bottom reinf.	10,488	LB	\$1.50	\$15,733
Drilled concrete pier				
18" diameter x 25'deep (P1A)	350	LF	\$100.00	\$35,000
Column				
HSS12x8x5/8	3	T	\$5,200.00	\$15,281
Poured in place concrete base	7	EA	\$250.00	\$1,750
Concrete plinth, 20" square x 2'high	7	EA	\$350.00	\$2,450

Alt. #4: Addition Of Photovoltaic System, including support structures at City Hall, Secure Parking & Carports (Base Bid include PV System at library and installation of clay tile roof if PV panel are not installed on City Hall

Quantity Unit Rate Total (\$)

ADD:

Structural roof framing, ref. S-109

W12x72	8	T	\$5,000.00	\$40,000
C8x18.7	2	T	\$5,000.00	\$10,000
Miscellaneous connection, allow 10%	1	LS	\$5,000.00	\$5,000
Glulam beam 2 1/2 x 6	1,562	LF	\$60.00	\$93,720
Blocking 2x6	128	LF	\$25.00	\$3,200

Structural upper roof framing over Cityhall, ref. S-105

Structural steel framing	9	T	\$5,000.00	\$45,000
Miscellaneous connection, allow 10%	1	LS	\$4,500.00	\$4,500

Roof Coverings

Comp shingle roofing system over tapered rigid insulation	5,353	SF	\$16.00	\$85,646
Fall arrest - Allowance	1	LS	\$10,000.00	\$10,000

PV panels; complete with inverters, panelboards, feeders and installation

RA1A over police parking, 84-modules				<i>NIC, Not Required</i>
RA1B over ancillary building, 114-modules	41.04	KW	\$4,300.00	\$176,472
RA2 over carport, 176-modules	63.36	KW	\$4,300.00	\$272,448
RA6,12,14 over cityhall roof, 216-modules	78.48	KW	\$4,300.00	\$337,464
RA3A, over corpyard waste staging area, 60-modules	21.60	KW	\$4,300.00	\$92,880
RA3B, over corpyard mixing chambers, 65 modules	23.40	KW	\$4,300.00	\$100,620

Electrical Lighting - allowance

Exterior linear lighting	54	LF	\$350.00	\$18,900
Exterior linear lighting	120	LF	\$350.00	\$42,000

Mark-up's per Overall Summary 14.38% \$184,431

Subtotal for Alt. #4: Addition Of Photovoltaic System, including support structures at City Hall, Secure Parking & Carports (Base Bid include PV System at library and installation of clay tile roof if PV panel are not installed on City Hall Roof):	\$1,467,285
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Alt. #5: Mechanical Chilled Thermal Water System

Quantity	Unit	Rate	Total (\$)
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ADD:

Site Mechanical Utilities

Piping, 6" dia	392	LF	\$190.00	\$74,480
Point of connection	4	EA	\$3,500.00	\$14,000
Thermal tanks, with monitoring, 12,000 gal	3	EA	\$18,000.00	\$54,000

Mark-up's per Overall Summary	14.38%			\$20,484
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Subtotal For Alt. #5: Mechanical Chilled Thermal Water System:				\$162,964
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Alt. #6: Provide copper gutter, downspouts and roof edge flashing in lieu of painted galvanised steel

Quantity	Unit	Rate	Total (\$)
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DELETE:

Roofing upstands and sheetmetal

Gutter, bronze painted aluminum	(1,042)	LF	\$35.00	(\$36,470)
Downspout, bronze painted aluminum	(380)	LF	\$30.00	(\$11,400)
Roof edge flashing	(570)	LF	\$20.00	(\$11,400)

ADD:

Roofing upstands and sheetmetal

Gutter, copper finish	1,042	LF	\$80.00	\$83,360
Downspout, copper finish	380	LF	\$80.00	\$30,400
Roof edge flashing, copper finish	570	LF	\$70.00	\$39,900

Mark-up's per Overall Summary	14.38%			\$13,570
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Subtotal For Alt. #6: Provide Copper Gutter, Downspouts And Roof Edge Flashing In Lieu Of Painted Galvanised Steel:				\$107,960
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Alt. #7: Exterior stone base in lieu of precast concrete wall base

Quantity	Unit	Rate	Total (\$)
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DELETE:

Fascias, bands, screens, trim, wood articulation at doors, etc.

Precast concrete veneer base	(819)	LF	\$32.00	(\$26,208)
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ADD:

Fascias, bands, screens, trim, wood articulation at doors, etc.

Stone veneer base	819	LF	\$50.00	\$40,950
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Mark-up's per Overall Summary	14.38%			\$2,119
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Subtotal For Alt. #7: Exterior Stone Base In Lieu Of Precast Concrete Wall Base :				\$16,861
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Alt. #8: Do not construct new council chamber. Install EOC infrastructure in briefing/squad room D.08. Provide landscape area & security fence

Quantity	Unit	Rate	Total (\$)
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Enclosed Areas

Council Chamber & EOC	2,365		
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Covered Area (measured 1/2)

Council lobby	240		
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Total of Gross Floor Area	2,605		
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DELETE:

Component / trade category

Foundations	(2,605)	GSF	\$43.70	(\$113,834)
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Superstructure	(2,605)	GSF	\$71.88	(\$187,237)
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Enclosure	(3,132)	GWA	\$94.00	(\$294,408)
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Roofing	(2,845)	SF	\$34.00	(\$96,730)
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Interior Construction

Interior Partition, type J6ZB	(851)	SF	\$40.50	(\$34,445)
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Interior door, single leaf	(2)	EA	\$1,800.00	(\$3,600)
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Interior door, double leaf	(3)	PR	\$3,400.00	(\$10,200)
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Interior Finishes	(2,605)	GSF	\$51.60	(\$134,409)
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Alt. #8: Do not construct new council chamber. Install EOC infrastructure in briefing/squad room D.08. Provide landscape area & security fence

	Quantity	Unit	Rate	Total (\$)
DELETE:				
Component / trade category				
Plumbing	(5)	FX	\$10,000.00	(\$50,000)
Heating, Ventilation, & Air Conditioning	(2,605)	GSF	\$52.57	(\$136,957)
Fire Protection	(2,605)	GSF	\$5.59	(\$14,566)
Electrical	(2,605)	GSF	\$79.86	(\$208,025)
Equipment	(2,605)	GSF	\$10.41	(\$27,131)
Furnishings				
Solid surfacing countertop (SO)	(20)	LF	\$250.00	(\$5,000)
Custom dais with built-in screen pads and microphones, with reclaimed oak wood from site, stain to match teak/clear satin finish	(30)	LF	\$1,250.00	(\$38,000)
Wood grille clad cabinet wall with sliding cabinet doors	(208)	SF	\$50.00	(\$10,375)
Lectern, custom design	(1)	LS	\$15,000.00	(\$15,000)
Relocate (E) town seal	(1)	EA	\$350.00	(\$350)
Dais seating	7	EA		NIC, OFOI
Council Chambers seating	56	EA		NIC, OFOI
ADD:				
Component / trade category				
Enclosure	756	GWA	\$94.00	\$71,064
Site Improvement; landscaping and irrigation				
Planting area, 1 gallon pots @ 18" o.c.	1,100	SF	\$10.00	\$11,000
Planting area, 10 gallon pots @ 24" o.c.	1,745	SF	\$30.00	\$52,350
Ground hardwood mulch, 2" thick	2,845	SF	\$0.35	\$996
Landscape edging header - allowance	429	LF	\$10.00	\$4,290
Trees, 36" box	4	EA	\$1,500.00	\$6,000
Irrigation				
Planting area (PA)	2,845	SF	\$2.50	\$7,113
Trees	4	EA	\$350.00	\$1,400
Mark-up's per Overall Summary			14.38%	(\$176,265)

Subtotal For Alt. #8: Do Not Construct New Council Chamber. Install Eoc (\$1,402,321)

Alt. #9: Provide cypress in lieu of teak wood (interior wood only) for Interior & Exterior windows/doors system at library

Quantity	Unit	Rate	Total (\$)
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DELETE:

Exterior Windows & Doors

FSC cypress interior in lieu of teak wood
(ref. quote from Durathern dated 8/21/2017)

(1)	LS	\$234,071.00	(\$234,071)
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Interior Windows & Doors

FSC cypress interior in lieu of teak wood
(ref. quote from Durathern dated 8/21/2017)

(1)	LS	\$93,492.00	(\$93,492)
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Library Casework

(1)	LS	\$36,000.00	(\$36,000)
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Interior Finishes

Wall panels WDW-1 thru WDW-3

included with Durathern quote above

Wall base WDB-3

(176)	LF	\$15.00	(\$2,640)
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Mark-up's per Overall Summary

14.38%			(\$52,648)
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Subtotal For Alt. #9: Provide Cypress In Lieu Of Teak Wood (Interior Wood Only) For Interior & Exterior Windows/Doors System At Library:

(\$418,851)

Alt. #10 Provide hydroseed planting at library in lieu of planting shown on landscape

Quantity	Unit	Rate	Total (\$)
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DELETE:

Landscaping

Planting area, 1 gallon pots @ 18" o.c.

(22,520)	SF	\$10.00	(\$225,200)
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Planting area, 5 & 10 gallon pots @ 24" o.c.

(11,000)	SF	\$24.00	(\$264,000)
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Ground hardwood mulch, 2" thick

(33,520)	SF	\$0.35	(\$11,732)
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ADD:

Landscaping

Hydroseed

33,520	SF	\$1.00	\$33,520
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Mark-up's per Overall Summary

14.38%			(\$67,198)
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Subtotal For Alt. #10 Provide Hydroseed Planting At Library In Lieu Of Planting Shown On Landscape Drawings:

(\$534,610)

Backcheck 2 Cost Estimate

Variance Report
Atherton Civic Center

Comparison Summary
Variance Analysis

March 26, 2018

*New Police Department, City Hall, Council Chamber & Ancillary Building
New Library
Renovate existing Heritage Town Hall
Site Development*

	DELTA	CURRENT BackCheck 2			PREVIOUS 95% Const'n. Document		
		0 SF	40,790 SF		40,790 SF		
GROSS FLOOR AREA		%	\$/SF	\$/,000	%	\$/SF	\$/,000
CSI UniFormat Summary							
Foundations	(\$17)	5%	\$52.63	\$2,147	5%	\$53.04	\$2,164
Superstructure	\$65	8%	\$84.03	\$3,427	8%	\$82.43	\$3,362
Enclosure	\$703	10%	\$95.87	\$3,910	8%	\$78.64	\$3,207
Roofing		2%	\$24.33	\$992	2%	\$24.33	\$992
Interior Construction	\$361	9%	\$86.24	\$3,518	8%	\$77.39	\$3,157
Stairs	\$3	0%	\$4.31	\$176	0%	\$4.24	\$173
Interior Finishes	\$14	6%	\$58.11	\$2,370	6%	\$57.77	\$2,356
Conveying		0%	\$4.29	\$175	0%	\$4.29	\$175
Plumbing	\$10	2%	\$16.96	\$692	2%	\$16.72	\$682
Heating, Ventilation, & Air Conditioning	\$291	7%	\$69.49	\$2,834	6%	\$62.35	\$2,543
Fire Protection		1%	\$6.15	\$251	1%	\$6.15	\$251
Electrical	\$30	10%	\$104.19	\$4,250	11%	\$103.44	\$4,219
Equipment	\$9	1%	\$8.74	\$357	1%	\$8.53	\$348
Furnishings	\$23	1%	\$5.54	\$226	1%	\$4.98	\$203
Selective Building Demolition		0%	\$1.45	\$59	0%	\$1.45	\$59
Subtotal - Building Construction	\$1,492	63%	\$622.32	\$25,384	60%	\$585.76	\$23,893
Site Preparation	\$3	6%	\$58.07	\$2,369	6%	\$58.01	\$2,366
Site Improvement	\$186	13%	\$124.80	\$5,091	12%	\$120.24	\$4,905
Site Mechanical Utilities		3%	\$33.04	\$1,348	3%	\$33.04	\$1,348
Site Electrical Utilities	\$90	3%	\$29.37	\$1,198	3%	\$27.16	\$1,108
Subtotal - Sitework	\$279	25%	\$245.28	\$10,005	24%	\$238.45	\$9,726
Total - Building and Sitework Constructi	\$1,770	87%	\$867.60	\$35,389	84%	\$824.20	\$33,619
Bonds & Insurance	\$45	2%	\$21.69	\$885	2%	\$20.59	\$840
General Conditions/General Requirements	\$0	6%	\$60.31	\$2,460	6%	\$60.30	\$2,460
Contractor's Overhead & Profit	\$82	4%	\$42.73	\$1,743	4%	\$40.72	\$1,661
Contingency for Design Development	(\$386)	0%	\$0.00	\$0	1%	\$9.46	\$386
Cost Escalation (to start of construction)	(\$1,143)	0%	\$0.00	\$0	3%	\$28.02	\$1,143
TOTAL CONSTRUCTION BUDGET	\$369	100%	\$992.33	\$40,477	100%	\$983.29	\$40,108

New Police Department, City Hall & Council Chamber

	DELTA 0 SF	CURRENT BackCheck 2 28,910 SF			PREVIOUS 95% Const'n. Document 28,910 SF		
		%	\$/SF	\$/,000	%	\$/SF	\$/,000
GROSS FLOOR AREA							
CSI UniFormat Summary							
Foundations	(\$17)	7%	\$43.70	\$1,263	7%	\$44.27	\$1,280
Superstructure	\$64	12%	\$71.88	\$2,078	11%	\$69.66	\$2,014
Enclosure	\$50	12%	\$70.24	\$2,031	11%	\$68.50	\$1,980
Roofing		4%	\$22.70	\$656	4%	\$22.70	\$656
Interior Construction	\$39	13%	\$78.88	\$2,281	13%	\$77.54	\$2,242
Stairs	\$3	1%	\$6.09	\$176	1%	\$5.98	\$173
Interior Finishes	\$12	9%	\$51.60	\$1,492	8%	\$51.19	\$1,480
Conveying		1%	\$6.05	\$175	1%	\$6.05	\$175
Plumbing	\$10	3%	\$15.96	\$461	3%	\$15.63	\$452
Heating, Ventilation, & Air Conditioning	\$37	9%	\$52.57	\$1,520	8%	\$51.31	\$1,483
Fire Protection		1%	\$5.59	\$162	1%	\$5.59	\$162
Electrical	\$28	13%	\$79.86	\$2,309	13%	\$78.87	\$2,280
Equipment	\$2	2%	\$10.41	\$301	2%	\$10.36	\$299
Furnishings	\$1	1%	\$5.38	\$156	1%	\$5.37	\$155
Subtotal - Building Construction	\$228	87%	\$520.91	\$15,060	84%	\$513.03	\$14,832
Bonds & Insurance	\$6	2%	\$13.02	\$376	2%	\$12.83	\$371
General Conditions/General Requirements	(\$37)	6%	\$36.21	\$1,047	6%	\$37.51	\$1,084
Contractor's Overhead & Profit	\$9	4%	\$25.66	\$742	4%	\$25.35	\$733
Contingency for Design Development	(\$170)	0%	\$0.00	\$0	1%	\$5.89	\$170
Cost Escalation (to start of construction)	(\$504)	0%	\$0.00	\$0	3%	\$17.43	\$504
TOTAL CONSTRUCTION BUDGET	(\$469)	100%	\$595.80	\$17,225	100%	\$612.03	\$17,694

New Library

GROSS FLOOR AREA CSI UniFormat Summary	DELTA 0 SF	CURRENT BackCheck 2 9,970 SF			PREVIOUS 95% Const'n. Document 9,970 SF		
		%	\$/SF	\$/,000	%	\$/SF	\$/,000
		Foundations		7%	\$71.91	\$717	7%
Superstructure	\$1	11%	\$120.62	\$1,203	13%	\$120.53	\$1,202
Enclosure	\$620	16%	\$171.94	\$1,714	11%	\$109.73	\$1,094
Roofing		3%	\$31.01	\$309	3%	\$31.01	\$309
Interior Construction	\$262	11%	\$111.69	\$1,114	9%	\$85.44	\$852
Interior Finishes	\$1	7%	\$77.26	\$770	8%	\$77.12	\$769
Plumbing		2%	\$19.41	\$194	2%	\$19.41	\$194
Heating, Ventilation, & Air Conditioning	\$254	12%	\$122.20	\$1,218	10%	\$96.68	\$964
Fire Protection		1%	\$6.67	\$67	1%	\$6.67	\$67
Electrical	\$2	17%	\$176.51	\$1,760	18%	\$176.30	\$1,758
Equipment	\$7	1%	\$5.57	\$56	1%	\$4.86	\$49
Furnishings	\$22	1%	\$6.82	\$68	0%	\$4.61	\$46
Subtotal - Building Construction	\$1,170	87%	\$921.61	\$9,188	84%	\$804.28	\$8,019
Bonds & Insurance	\$30	2%	\$23.04	\$230	2%	\$20.06	\$200
General Conditions/General Requirements	\$52	6%	\$64.06	\$639	6%	\$58.88	\$587
Contractor's Overhead & Profit	\$57	4%	\$45.39	\$453	4%	\$39.72	\$396
Contingency for Design Development	(\$92)	0%	\$0.00	\$0	1%	\$9.23	\$92
Cost Escalation (to start of construction)	(\$273)	0%	\$0.00	\$0	3%	\$27.38	\$273
TOTAL CONSTRUCTION BUDGET	\$943	100%	\$1,054.11	\$10,509	100%	\$959.55	\$9,567

Heritage Town Hall

	DELTA	CURRENT BackCheck 2			PREVIOUS 95% Const'n. Document		
		0 SF	1,910 SF		1,910 SF		
GROSS FLOOR AREA		%	\$/SF	\$,000	%	\$/SF	\$,000
CSI UniFormat Summary							
Foundations		13%	\$87.22	\$167	13%	\$87.22	\$167
Superstructure		11%	\$76.93	\$147	12%	\$76.93	\$147
Enclosure	\$32	13%	\$86.70	\$166	11%	\$69.74	\$133
Roofing	-	2%	\$14.07	\$27	2%	\$14.07	\$27
Interior Construction	\$60	10%	\$64.74	\$124	5%	\$33.09	\$63
Interior Finishes	\$1	8%	\$56.83	\$109	9%	\$56.30	\$108
Plumbing	-	3%	\$19.33	\$37	3%	\$19.33	\$37
Heating, Ventilation, & Air Conditioning		7%	\$50.29	\$96	8%	\$50.29	\$96
Fire Protection		2%	\$11.95	\$23	2%	\$11.95	\$23
Electrical		14%	\$94.96	\$181	15%	\$94.96	\$181
Equipment		0%	\$0.00	\$0	0%	\$0.00	\$0
Furnishings	-	0%	\$1.10	\$2	0%	\$1.10	\$2
Selective Building Demolition		5%	\$30.94	\$59	5%	\$30.94	\$59
Subtotal - Building Construction	\$94	87%	\$595.06	\$1,136	84%	\$545.94	\$1,042
Bonds & Insurance	\$2	2%	\$14.88	\$28	2%	\$13.65	\$26
General Conditions/General Requirements	\$3	6%	\$41.36	\$79	6%	\$39.91	\$76
Contractor's Overhead & Profit	\$4	4%	\$29.31	\$56	4%	\$26.98	\$52
Contingency for Design Development	(\$12)	0%	\$0.00	\$0	1%	\$6.26	\$12
Cost Escalation (to start of construction)	(\$35)	0%	\$0.00	\$0	3%	\$18.33	\$35
TOTAL CONSTRUCTION BUDGET	\$56	100%	\$680.61	\$1,300	100%	\$651.07	\$1,243

Sitework & Police Secure Parking Lot

	DELTA	CURRENT			PREVIOUS		
		BackCheck 2			95% Const'n. Document		
GROSS FLOOR AREA	0 SF	212,441 SF			212,441 SF		
CSI UniFormat Summary		%	\$/SF	\$,000	%	\$/SF	\$,000
Site Preparation	\$3	21%	\$11.15	\$2,369	20%	\$11.14	\$2,366
Site Improvement	\$186	44%	\$23.96	\$5,091	42%	\$23.09	\$4,905
Site Mechanical Utilities		12%	\$6.34	\$1,348	12%	\$6.34	\$1,348
Site Electrical Utilities	\$90	10%	\$5.64	\$1,198	10%	\$5.22	\$1,108
Subtotal - Sitework	\$279	87%	\$47.09	\$10,005	84%	\$45.78	\$9,726
Bonds & Insurance	\$7	2%	\$1.18	\$250	2%	\$1.14	\$243
General Conditions/General Requirements	(\$17)	6%	\$3.27	\$695	6%	\$3.35	\$712
Contractor's Overhead & Profit	\$12	4%	\$2.32	\$493	4%	\$2.26	\$481
Contingency for Design Development	(\$112)	0%	\$0.00	\$0	1%	\$0.53	\$112
Cost Escalation (to start of construction)	(\$331)	0%	\$0.00	\$0	3%	\$1.56	\$331
TOTAL CONSTRUCTION BUDGET	(\$161)	100%	\$53.86	\$11,443	100%	\$54.62	\$11,604



ATHERTON NOW
BUILDING COMMUNITY

Campaign Committee

Didi Fisher, Co-Chair

Sandy Levison, Co-Chair

Kay Clarke

Brendan Cullen

Christine David

Rick Degolia

Herb Lechner

Beverly Lenihan

Elizabeth Lewis

Kimberly Young

June 10, 2018

TO: Town Council of Atherton

FROM: Atherton Now Campaign Committee

SUBJECT: Monthly Fundraising Update – May 31, 2018

Outstanding commitments/pledges	\$2,545,762
Cash Donations	\$3,960,965
Cash Grants to the Town	\$1,738,691
Next Payment Due 6/17/17	\$65,470
Total Cash & Pledges to date	\$6,506,727
Million Dollar Donors	4
Total # of Donors to date	140

Respectfully submitted.

