



October 24, 2013

Mr. John Willford
Mt. Diablo Unified School District
2010 Measure C
3333 Roland Way
Concord CA 94519

Re: MDUSD RFQ 1627 District wide Security System Upgrades
Subject: Pre-Construction Service Summary – Best and Final Offer

Dear Mr. Wilford,

Previously Mt. Diablo Unified School District (district) and Taber Construction Inc. (Taber) entered into a Pre-Construction Services Agreement (PSA) for the District Security System replacement project. During the PSA Taber conducted extensive on site research to document existing condition, evaluated various value engineering options related to equipment, and developed a pre-qualification criteria for electrical/low voltage subcontractors.

The on-site investigation scope included inspection of each facility, wherein our team evaluated existing exterior raceways (both above ground and underground) for the potential re-use with the new security system. Our team also evaluated alternate backbone routings, and conformed the drawings to reflect the current building configurations. Prior to the initial RFQ our team investigated building interior ceiling types to develop a matrix of hard lid ceilings vs. suspended ceilings. During the on-site investigation our team expended approximately 1,460 hours. Our investigation effort included a major support effort from Del Monte Electric; which contributed more than 1,200 man hours.

The field investigation effort resulted in a reduction in scope and cost of approximately 5,000 of underground conduit raceway as well as the identification of several above ground mounted conduits available for re-use.

Through group meetings we were able to identify several value engineering alternatives, including:

- Re-use of overhead conduits, subsequent to repair and upgrade to a first class condition.
- Reduce backbone security conduit from 2” to 1” GRC where cable fill does not exceed requirements.
- Change system to a fully addressable Bosch system.
- Correct siren, master panel, and administration door contact quantities to reflected basis of design.
- Re-use of interior conduit and wiremold security raceways.
- Perform overhead canopy work during normal working hours.

We have also developed an updated construction schedule based on updated District requirements and expectations that a major underground raceway effort can be accomplished during the winter recess.



The project will require that subcontractors work at least six sites concurrently to complete the project before the end of 2014; as such the electrical/low voltage scope of work is critical to the project's success. The electrical/low voltage subcontractor must have access to a large, qualified labor pool and be able to provide at least six full time foremen to lead the work crews.

The average duration is thirty calendar days per site, to accomplish the electrical/low voltage work within this timeframe each site will require approximately 5-7 workers per site, or an average of thirty-six person crew, plus supervision and support staff.

Given the significant staffing and supervisor requirements, coupled with the challenges associated with working swing-shift, working on congested roofs, and within working campuses it is essential to obtain a subcontractor that has proven experience delivering a project of this magnitude. We have developed reasonable pass/fail criteria to ensure that the best value is obtained and that the project will be delivered on time, safely, with the highest levels of quality.

The two remaining subcontract scope of work items include painting (minor painting of exterior conduits and general touch up) and asphalt trench patching. The projected proposal range for each of the bid packages is identified below:

Bid Package	Scope	Estimate	Firm's Invited
1	Painting	\$166,000	6
2	Asphalt Patching	\$189,000	8
3	Electrical/Low Voltage	\$8,000,000	9

The plans, specifications, and field investigation drawings were posted on Taber's FTP site for subcontractors to access.

We believe that our pre-construction efforts have resulted in significant cost saving solutions for the project and expect to deliver a system that provides the District with years of trouble-free operation.

By separate cover we have provided the District with the following:

- Marked up field investigation drawings (343 pages)
- Meeting minutes
- Subcontractor invitation log, by bid package
- Subcontractor cost estimates
- Estimates for self-performed work

The attached pricing schedule reflects our value engineering efforts and subsequent discussions with the District's project team. Key discussion elements include:

- Underground conduit cover is reduced to 18" minimum.



- Existing raceways may be re-used, existing raceways containing low voltage systems (except public address and phone) may be used to share the new security cabling; the contractor shall be responsible for ensuring that existing cables are not damaged; any damage shall be repaired by the contract at no cost to the District.
- In cases where planned new overhead conduit can be further reduced in quantity, the District will be credited unused footage at the established unit price. Quantities will be verified by field measuring after installation.
- Contractor may relocate motion detectors to provide reduced routing, however contractor shall maintain system coverage and ensure that no obstructions are present that would decrease system coverage.
- The contractor may utilize existing interior wire ways, these will be secured equal to or better than their present condition. Existing wire ways not altered shall remain as installed.
- Exterior conduits that are re-used shall be repaired to provide adequate supports, fittings and connections at no additional cost to the District.
- The security system will be a Bosch addressable system as described in earlier discussions.

Should you have additional questions please feel free to contact the undersigned.

Sincerely,

Oskar Nadjari

Oskar Nadjari

Taber Construction Inc.



**MDUSD District Wide Security System
GMP Summary of Design Modifications**

Original Base Bid Proposal 9,138,187.38

EVE 1	Change to fully addressable system	(272,177.00)
EVE 2	Re-use existing site and canopy conduit	(294,678.00)
EVE 3	Change canopy conduit from 2" to 1"	(192,787.00)
EVE 4	Re-use conduit and wiremold at interior	(39,996.00)
EVE 5	Revise trench cover to 18"	(30,509.00)

ERFI 1	Add sirens (1@ES, 2@MS/HS)	16,534.00
ERFI 2	Add touchscreens	1,677.00
ERFI 3	Add security panel	2,767.00
ERFI 4	Add door contacts to Administration	7,108.00
ERFI 5	Integrate buildings not originally designated	4,155.00

SVE 1	Reduce trench sawcutting to align with EVE 2	(21,829.50)
SVE 2	Reduce trench patching to align with EVE 2	(83,612.28)
SVE 3	Reduce offhaul trench spoils to align with EVE 2	(10,880.00)
SVE 4	Reduce offhaul trench spoils to align with EVE 5	(7,760.00)
SVE 5	Reduce conduit painting to align with EVE 2	(79,100.00)
SVE 6	Reduction of overall construction schedule	(31,000.00)
SVE 7	Delete construction trailers	(5,600.00)

UP 1	Add/Delete door contact	261.00
UP 3	Add/Delete 2" conduit underground, trenched	20.00
UP 3	Add 1" conduit overhead	17.42
UP 5	Add/Deduct patch paving	\$6.02

Total Summary of above adds/deducts (1,037,687.78)










Revised Base Proposal	8,100,499.60
Performance and Payment Bonds (0.006%)	48,603.00
General Liability Insurance (0.80%)	65,192.82
Contractor's Fee (5%)	410,714.77
Total Revised GMP	8,625,010.19
District Contingency (3%)	258,750.31
Total W/Contingency	8,883,760.49












**MDUSD District Wide Security System
GMP Detail of Design Modifications**

Item	Description	Unit of Measure	Original Quantity	Revised Quantity	Delta	Unit Price	Price Adjustment
SVE 1	Sawcutting	LF	31,040.0	21,590.0	(9,450.0)	\$ 2.31	\$ (21,829.50)
SVE 2	Aggregate base and paving	SF	23,017.0	15,895.0	(7,122.0)	\$ 11.74	\$ (83,612.28)
SVE 3	Dispose of excess material	CY	1,722.0	1,178.0	(544.0)	\$ 20.00	\$ (10,880.00)
SVE 4	Dispose of excess material (reduce depth 6")	CY	194.0	-	388.0	\$ (20.00)	\$ (7,760.00)

ID	Task Name	Duration	Start	Finish	Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NTP	1 day	Mon 11/18/13	Mon 11/18/13															
2	Shop Drawings	10 days	Mon 11/18/13	Tue 12/3/13															
3	Submittal Review	10 days	Wed 12/4/13	Tue 12/17/13															
4	Group #1	40 days	Mon 11/18/13	Fri 1/17/14															
5	Maintenance & Ops	40 days	Mon 11/18/13	Fri 1/17/14															
6	Pleasant Hill ES	40 days	Mon 11/18/13	Fri 1/17/14															
7	Meadow Homes ES	40 days	Mon 11/18/13	Fri 1/17/14															
8	Mt. Diablo HS	40 days	Mon 11/18/13	Fri 1/17/14															
9	Pine Hollow MS	40 days	Mon 11/18/13	Fri 1/17/14															
10	Valley View MS	40 days	Mon 11/18/13	Fri 1/17/14															
11	Group #2	33 days	Mon 1/13/14	Fri 2/28/14															
12	Eagle Peak Montessori	33 days	Mon 1/13/14	Fri 2/28/14															
13	Foothill MS	33 days	Mon 1/13/14	Fri 2/28/14															
14	Northgate HS	33 days	Mon 1/13/14	Fri 2/28/14															
15	Concord HS	33 days	Mon 1/13/14	Fri 2/28/14															
16	Walnut Acres MS	33 days	Mon 1/13/14	Fri 2/28/14															
17	Ygnacio Valley HS	33 days	Mon 1/13/14	Fri 2/28/14															
18	Group #3	35 days	Mon 2/24/14	Fri 4/11/14															
19	Bancroft ES	35 days	Mon 2/24/14	Fri 4/11/14															
20	Oak Grove MS	35 days	Mon 2/24/14	Fri 4/11/14															
21	Valle Verde ES	35 days	Mon 2/24/14	Fri 4/11/14															
22	Willow Creek Center	35 days	Mon 2/24/14	Fri 4/11/14															
23	Woodside ES	35 days	Mon 2/24/14	Fri 4/11/14															
24	Ygnacio Valley ES	35 days	Mon 2/24/14	Fri 4/11/14															
25	Group #4	31 days	Fri 4/4/14	Fri 5/16/14															
26	Cambridge ES	31 days	Fri 4/4/14	Fri 5/16/14															
27	Fair Oaks ES	31 days	Fri 4/4/14	Fri 5/16/14															
28	Pleasant Hill Adult Center	31 days	Fri 4/4/14	Fri 5/16/14															
29	Sequoia ES	31 days	Fri 4/4/14	Fri 5/16/14															
30	Sequoia MS	31 days	Fri 4/4/14	Fri 5/16/14															
31	Strandwood ES	31 days	Fri 4/4/14	Fri 5/16/14															
32	Group #5	34 days	Mon 5/12/14	Fri 6/27/14															
33	College Park HS	34 days	Mon 5/12/14	Fri 6/27/14															

MDUSD Security Date: Mon 10/21/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

ID	Task Name	Duration	Start	Finish	Qtr 4, 2013			Qtr 1, 2014			Qtr 2, 2014			Qtr 3, 2014			Qtr 4, 2014		
					Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
34	El Monte ES	34 days	Mon 5/12/14	Fri 6/27/14															
35	Gregory Gardens ES	34 days	Mon 5/12/14	Fri 6/27/14															
36	Hidden Valley ES	34 days	Mon 5/12/14	Fri 6/27/14															
37	Loma Vista Adult Center	34 days	Mon 5/12/14	Fri 6/27/14															
38	Valhalla ES	34 days	Mon 5/12/14	Fri 6/27/14															
39	Group #6	34 days	Mon 6/23/14	Fri 8/8/14															
40	Glenbrook MS	34 days	Mon 6/23/14	Fri 8/8/14															
41	Holbrook ES	34 days	Mon 6/23/14	Fri 8/8/14															
42	Olympic HS	34 days	Mon 6/23/14	Fri 8/8/14															
43	Sun Terrace ES	34 days	Mon 6/23/14	Fri 8/8/14															
44	Sunrise ES	34 days	Mon 6/23/14	Fri 8/8/14															
45	Wren Avenue ES	34 days	Mon 6/23/14	Fri 8/8/14															
46	Group #7	35 days	Mon 8/4/14	Fri 9/19/14															
47	James Dent Admin	35 days	Mon 8/4/14	Fri 9/19/14															
48	El Dorado MS	35 days	Mon 8/4/14	Fri 9/19/14															
49	Monte Gardens ES	35 days	Mon 8/4/14	Fri 9/19/14															
50	Mountain View ES	35 days	Mon 8/4/14	Fri 9/19/14															
51	Shadelands Special Ed	35 days	Mon 8/4/14	Fri 9/19/14															
52	Westwood ES	35 days	Mon 8/4/14	Fri 9/19/14															
53	Group #8	29 days	Mon 9/15/14	Fri 10/24/14															
54	Ayers ES	29 days	Mon 9/15/14	Fri 10/24/14															
55	Clayton Valley HS	29 days	Mon 9/15/14	Fri 10/24/14															
56	Diablo View MS	29 days	Mon 9/15/14	Fri 10/24/14															
57	Highlands ES	29 days	Mon 9/15/14	Fri 10/24/14															
58	Mt. Dialo ES	29 days	Mon 9/15/14	Fri 10/24/14															
59	Silverwood ES	29 days	Mon 9/15/14	Fri 10/24/14															
60	Group #9	29 days	Mon 10/20/14	Fri 11/28/14															
61	Bel Air ES	29 days	Mon 10/20/14	Fri 11/28/14															
62	Delta View ES	29 days	Mon 10/20/14	Fri 11/28/14															
63	Rio Vista ES	29 days	Mon 10/20/14	Fri 11/28/14															
64	Riverview MS	29 days	Mon 10/20/14	Fri 11/28/14															
65	Shore Acres ES	29 days	Mon 10/20/14	Fri 11/28/14															

MDUSD Security Date: Mon 10/21/13	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	



Request for Subcontractor Proposals

Project: Mt Diablo Unified School District – District Wide Security System
Location: Contra Costa County (various site)

Bid Date: October 24, 2013 @ 3:00 PM via facsimile only

Taber Construction Inc. has entered into a Preliminary Services Agreement with Mt. Diablo Unified School District and is in the process of compiling Guaranteed Maximum Pricing for the District Wide Security System project. Construction is expected to start December, 2013 and be completed in late 2014. There are fifty-three facilities, which will be constructed in phases; each phase is expected to include six facilities, or sites.

Pricing must be submitted by site; however the work will be awarded as a single package per bid package.

The work will primarily occur during non-school hours, approximately 3:30 PM to 11:00 PM, and on weekends as required. All personnel will require badging and DOJ clearance.

In general the project includes construction of new security systems at each District facility. This work includes but is not limited to underground conduit distribution, asphalt patching, painting, security equipment, electrical and low voltage installation. The new system will utilize a combination of new and existing raceways located underground, on canopies, under canopies, exposed inside buildings and concealed in buildings. No hard lid ceilings or walls will be opened for this project.

Subcontractors will be responsible for daily clean up, temporary measures, moving of furniture, and other requirements typically encountered when working within an occupied facility. The sites will remain operational and at the end of each work shift the facility must be returned to its pre-construction state, including but not limited to final cleaning.

Taber Construction Inc. is requesting subcontractor proposals for the following divisions of work:

Asphalt Patching

Painting

Electrical (including low voltage)

The scope of work for the respective division of work is attached. The initial project drawings can be viewed on our website FTP at www.taberconstruction.com; click on FTP in the top right corner, enter "plans" for username and password; the file is "MDUSD Security".

All questions shall be submitted in writing, by fax or email. Hard copy sets of plans and specs can be viewed in our office during normal working hours. It is imperative that all prospective bidders carefully review and account for all safety, quality, and testing provisions; no additional compensation will be made for failure to include the aforementioned requirements in your proposal. All subcontractors will be required to execute a standard Taber Construction Inc subcontract agreement without modifications. A copy of the standard agreement will be furnished upon written request. ~~Taber Construction Inc is an equal opportunity employer. Taber Construction Inc is signatory to the Carpenters and Laborer's Collective Bargaining Agreements.~~



Mt. Diablo Unified School District – District Wide Security Project

Subcontractor Scope of Work

Asphalt Patching and Aggregate Base

The scope of work shall include furnishing all labor, materials, and equipment to complete asphalt pavement patching and repair at new underground trench routes. Asphalt shall be commercial quality; hot mixed type conforming to Caltrans requirements. Compacted thickness of asphalt shall be 3". Include applying tack oil to existing asphalt edges. Include furnishing and installation of 6" of class II base rock, compacted to 95% at all trenches. The subgrade below the base rock section will be compacted by others.

The actual trench will be 12" wide, and the existing asphalt will be overcut and removed by others to provide an asphalt patch width of 18".

Following is a summary of trench footage per site; the work must occur during non-school hours (after 3:30 PM Monday thru Friday), weekends, or other weekdays when school is not in session; the subcontract will define whether the work is performed weekdays or weekends. This subcontractor will need to remove and stockpile temporary plywood covers placed over the trenches by others. Upon completion of each shift this contractor shall thoroughly clean the work area and traveled way of all debris, dirt, rocks, etc. All excess debris shall be removed from the site.

Pricing shall be submitted by site; however the work will be awarded as a single subcontract. Unit prices shall also be provided for added/deleted footage of asphalt as well as added/deleted aggregate base.

A tentative phasing schedule is also attached.

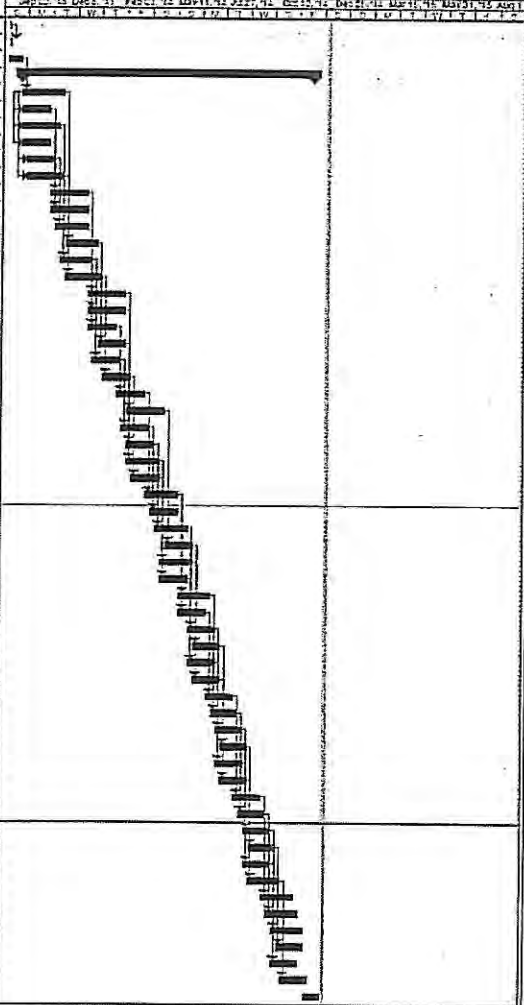
Site	LF of Trenching
Ayers Elementary School	165
Bel Air Elementary School	150
Cambridge Elementary School	160
College Park High School	235
Concord High School	760
James Dent Administration Center	50
Diablo View Middle School	265
Eagle Peak Mintessori School	20
El Dorado Middle School	520
El Monte Elementary School	60



Fair Oaks Elementary School	30
Foothill Middle School	150
Glenbrook Middle School	100
Gregory Gardens Elementary School	15
Hidden Valley Elementary School	290
Highlands Elementary School	225
Holbrook Elementary School	10
Loma Vista Adult Center	185
Maintenance and Operations	190
Meadow Homes Elementary School	80
Monte Gardens Elementary School	100
Mountain View Elementary School	70
Mt Diablo Elementary School	150
Mt Diablo High School	1,620
Northgate High School	130
Oak Grove Middle School	110
Olympic High School	300
Pine Hollow Middle School	190
Pleasant Hill Elementary School	260
Pleasant Hill Middle School	20
Rio Vista Elementary School	60
Riverview Middle School	390
Sequoia Elementary School	70
Sequoia Middle School	290
Shadelands Center	230
Shore Acres Elementary School	70
Silverwood Elementary School	300
Strandwood Elementary School	60
Sun Terrace Elementary School	70
Valhalla Elementary School	125
Valle Verde Elementary School	80
Valley View Middle School	330
Walnut Acres Elementary School	120
Westwood Elementary School	145
Willow Creek Center	55
Woodside Elementary School	150
Wren Avenue Elementary School	200
Ygnacio Valley Elementary School	310
Ygnacio Valley High School	930



NO	DESCRIPTION	DURATION	START	FINISH	PRECEDENCE
1	Award/NTP	1 day	Wed 9/11/13	Wed 9/11/13	
2	Plecon	1 day	Tue 9/12/13	Thu 9/12/13	1
3	Submittals	15 days	Mon 9/16/13	Fri 9/27/13	
4	Construction Duration	105 days	Mon 9/30/13	Fri 11/28/13	
5	M&O/Central Services	45 days	Mon 9/30/13	Fri 11/29/13	13
6	Hobbrook ES	30 days	Mon 9/30/13	Fri 11/8/13	1555
7	Clayton Valley ES	40 days	Mon 9/30/13	Fri 11/22/13	1555
8	Mt. Diablo ES	30 days	Mon 9/30/13	Fri 11/8/13	1555
9	Pleasant Hill ES	30 days	Mon 10/7/13	Fri 11/15/13	1555+5 days
10	College Park HS	40 days	Mon 10/7/13	Fri 11/29/13	1555+5 days
11	Mt. Diablo HS	40 days	Mon 11/11/13	Fri 11/15/14	16
12	Concord HS	40 days	Mon 11/11/13	Fri 11/15/14	18
13	Oak Grove MS	35 days	Mon 11/18/13	Fri 11/15/14	19
14	Pine Hollow MS	25 days	Mon 12/2/13	Fri 11/27/14	5
15	Feethill MS	35 days	Mon 11/25/13	Fri 11/10/14	7
16	Northgate HS	40 days	Mon 12/2/13	Fri 11/29/14	10
17	Ygnacio Valley HS	40 days	Mon 1/6/14	Fri 12/22/14	11
18	Clayton Valley HS	40 days	Mon 1/6/14	Fri 12/22/14	12
19	Bel Air ES	30 days	Mon 1/6/14	Fri 12/19/14	13
20	Cambridge ES	30 days	Mon 1/20/14	Fri 2/28/14	14
21	Ygnacio Valley ES	30 days	Mon 1/20/14	Fri 2/28/14	15
22	Fair Oaks ES	30 days	Mon 1/27/14	Fri 3/7/14	16
23	Meadow Homes ES	30 days	Mon 2/17/14	Fri 3/28/14	19
24	Glynnport HS	40 days	Mon 3/3/14	Fri 4/25/14	20
25	El Monte ES	30 days	Mon 2/24/14	Fri 4/4/14	21
26	Rio Vista ES	30 days	Mon 3/3/14	Fri 4/11/14	22
27	Glenbrook MS	35 days	Mon 3/17/14	Fri 4/25/14	23
28	Sun Terrace ES	30 days	Mon 3/10/14	Fri 4/18/14	24
29	Riverview MS	35 days	Mon 3/31/14	Fri 5/16/14	25
30	Shore Acres ES	30 days	Mon 4/7/14	Fri 5/16/14	26
31	Sequoia MS	35 days	Mon 4/14/14	Fri 5/20/14	27
32	Hidden Valley ES	30 days	Mon 4/28/14	Fri 6/6/14	28
33	Valley View MS	35 days	Mon 4/21/14	Fri 6/6/14	29
34	Highlands ES	30 days	Mon 4/21/14	Fri 5/30/14	30
35	El Dorado MS	35 days	Mon 5/19/14	Fri 7/4/14	31
36	Wren Ave ES	30 days	Mon 5/19/14	Fri 6/27/14	32
37	Mountain View ES	30 days	Mon 6/2/14	Fri 7/11/14	33
38	Walnut Acres ES	30 days	Mon 6/9/14	Fri 7/18/14	34
39	Pleasant Hill Ed Ctr	30 days	Mon 6/2/14	Fri 7/11/14	35
40	Geodis ES	30 days	Mon 6/9/14	Fri 7/18/14	36
41	Woodside ES	30 days	Mon 6/23/14	Fri 8/1/14	37
42	Valle Verde ES	30 days	Mon 7/7/14	Fri 8/15/14	38
43	Monte Gardens ES	30 days	Mon 7/14/14	Fri 8/22/14	39
44	Ayers ES	30 days	Mon 7/21/14	Fri 8/29/14	40
45	Valhalla ES	30 days	Mon 7/14/14	Fri 8/22/14	41
46	Bancroft ES	30 days	Mon 7/21/14	Fri 8/29/14	42
47	Silverwood ES	30 days	Mon 8/11/14	Fri 9/19/14	43
48	Westwood ES	30 days	Mon 8/18/14	Fri 9/26/14	44
49	Strandwood ES	30 days	Mon 8/25/14	Fri 10/3/14	45
50	Sunrise ES	30 days	Mon 9/1/14	Fri 10/10/14	46
51	Shadelands Cr.	30 days	Mon 8/25/14	Fri 10/3/14	47
52	Diablo View MS	35 days	Mon 9/1/14	Fri 10/17/14	48
53	James Dent Adm. Ctr	35 days	Mon 9/22/14	Fri 11/7/14	49
54	Loma Vista Cr.	35 days	Mon 9/29/14	Fri 11/14/14	50
55	Willow Creek Cr	35 days	Mon 10/6/14	Fri 11/21/14	51
56	Eagle Peak	30 days	Mon 10/13/14	Fri 11/28/14	52
57	Gregory Gardens ES	30 days	Mon 10/6/14	Fri 11/14/14	53
58	Delta View ES	30 days	Mon 10/20/14	Fri 11/28/14	54
59	Closeout	20 days	Mon 11/24/14	Fri 12/19/14	





Mt. Diablo Unified School District – District Wide Security Project

Subcontractor Scope of Work Narratives

Painting

The scope of work includes furnishing all labor, materials, and equipment to complete conduit, box and support hardware painting as required. The conduit painting is limited to exterior conduits, boxes, and hardware mounted to the underside of existing canopies as well as exposed conduits installed on exterior building walls. Conduits will typically be 1" diameter.

The work must occur during non-school hours (after 3:30 PM Monday thru Friday), weekends, or other weekdays when school is not in session.

The security project will be constructed with multiple phases, with approximately six sites per phase; painting does not need to occur concurrently at each site; the work may progress from one site to the next as long as the ongoing campus activities are not disturbed.

The exact footage of conduit cannot be identified at this time; however bids should be based on the following quantities:

12 sites - 700 lineal feet of 2" galvanized rigid steel conduit

41 sites- Provide 16 hours of misc. conduit painting and touch up; primarily exterior, possibly minor interior spot touch up. Taber will identify the locations to be painted.

All exterior conduit will be the same color for all sites; for any exterior touch up work the color will be selected from the District's standard exterior color schemes. There will not be any custom matching or special colors for select sites.



Mt. Diablo Unified School District – District Wide Security Project

Bid Package 3 - Electrical and Security Bid Package

Estimated Value: \$6,000,000 - \$8,000,000

Duration: 12 months

Liquidated Damages: \$5,000 Per Day/Per Site

The electrical and security bid package generally consists of providing labor, materials, and equipment to complete the installation of all raceway, electrical, and systems work to provide a fully functional security system in accordance with the bidding documents.

Subcontractors intending to submit proposals must furnish adequate evidence that clearly demonstrates its ability to complete a project of this size and complexity. The following documents must be submitted with your proposal (prospective subcontractors may submit the documents in advance of submitting a proposal; Taber will review the documents and issue a qualification determination within three days of a complete submission).

1. Provide evidence of current and active C-10 contractor's license.
2. Provide a letter from your current surety to include:
 - a. Confirmation that the subcontractor can provide 100% performance and payment bonds for the full amount of the subcontract. The surety must be admitted and authorized to issue bonds in the State of California. The surety must be "A" rated by A.M. Best.
 - b. Identify the subcontractor's bonding rates.
 - c. List any claims paid by the surety in the past five years for this subcontractor.
3. Provide a copy of the subcontractors Experience Modification Ratio (EMR) for the past five years; the information shall be submitted on subcontractor's insurance broker's letterhead.
4. Provide a copy of subcontractors OSHA 300 log for the past three years.
5. Provide a written statement regarding any claims your firm has filed against a general contractor or project owner during the past five years. Provide an explanation and disposition of any claims. Disputes less than \$25,000 need not be submitted.
6. Provide a copy of your OSHA citation log for the past five years directly from OSHA's website. Provide any written explanations as necessary.
7. Provide a written statement regarding any labor citations from the Department of Labor.
8. Provide a written statement regarding liquidated damages assessed against your firm for the past five years.
9. Provide three client references, including contact name, telephone number, and email address.



10. Provide information for three completed comparable projects, including project name, original contract value, final contract value, original completion date, final completion date, and description of the project/subcontractor's scope of work. Provide current contact information for the project owner's representative. Comparable projects must have been completed within the past seven years. Comparable projects must include multi-site projects with an aggressive delivery schedule, with a subcontract value in excess of \$5,000,000.
11. Provide a statement from your insurance broker confirming that subcontractor can provide the required insurance for the project.
12. Provide a brief narrative regarding subcontractor's ability to adequately staff the project, including concurrently staffing six sites; working day shift as well as swing shift.

Taber reserves the right to request additional information from subcontractors; Taber may utilize other resources in obtaining reference information or information regarding the subcontractor and its past performance. Prospective subcontractors will receive a pass/fail rating only.

Scope of Work

The subcontractor shall provide all labor, materials, and equipment to complete the installation of all raceways, electrical, and low voltage work required for a complete any fully functional system per the bid documents. At a minimum the subcontractor shall include:

1. All supervision and coordination required for the work, including multiple supervisors as necessary when working multiple shifts. Each site shall have a designated full time qualified foreman; this individual(s) shall be present at all times when work is in progress.
2. Include pre-finishing of all interior conduits/raceways/fittings/boxes; touch-up as required after installation shall also be included in this scope.
3. Install roof pads under blocks (roof pads will be furnished by others at one central location).
4. Layout all saw cutting required on the project; saw cutting will be performed by others.
5. Include all asphalt/concrete removal, trenching, backfill, bedding, compaction for new underground work. Spoils (asphalt/concrete/excess soil) shall be stockpiled for removal by others as directed by Taber.
6. Include security guard services at all times when the existing system is non-operational; if multiple sites are non-operational; each site must be provided with an individual guard.
7. Include Bosch security system, no substitutions are permitted.
8. Provide any necessary on site storage units (conex boxes) as required for subcontractors work.



9. In cases where existing conduit is re-used; repair or replace components, supports, straps, fittings, etc. to provide a first class installation.
10. In cases where new cable is installed thru existing raceways, subcontractor shall perform a preliminary check of the systems and document their condition in writing. After completion of the work subcontractor shall again inspect the systems and make any necessary repairs to restore to the pre-existing condition or better.
11. Include any labor necessary to move furniture and any other items within the buildings that interfere with the work, all furniture and items shall be returned to their pre-existing location at the end of the shift.
12. Include any labor, materials, and equipment necessary to thoroughly clean the work area at the end of each shift.
13. Taber will provide custodial services as necessary to lock/unlock buildings.
14. Include all costs associated with Livescan verification of all employees.
15. Existing cabling within buildings circa 2005 may be re-used; presuming it is compatible with the new system and in good working order.
16. Motion sensors may be relocated within rooms as long as coverage is not affected, nor the devices impeded by curtains, etc.
17. At above ground locations, existing conduits containing fiber optic cabling can be used to install new security cable; presuming there is sufficient space and that the fiber is not damaged.
18. At below ground locations, new security cabling may be installed in existing conduit with existing LV systems; provided that there is no bleed-over and that subcontractor does not damage existing cables.
19. At above grade locations, new security cabling may pass thru existing boxes containing other LV cables, provided that existing systems are not damaged.
20. Each elementary school shall have one siren, each middle and high school shall have two.
21. All sites, with the exception of M&O shall have a touchscreen keypad. Provide Alternate to provide standard keypads instead.
22. Pleasant Hill ES does not show an intrusion alarm panel; include a panel at this location.
23. Various admin locations do not show door contacts; all admin doors shall have contacts.
24. All work must be performed when school is not in session (typically swing shift and school breaks).



Proposal Format

1. There is no specific bid form for this project. Subcontractors shall provide lump sum pricing per site.
2. The bidding documents consist of the following:
 - a. Original Design Set prepared by Salas O'Brien
 - b. Project Manual
 - c. This document
 - d. Field investigation drawings
3. The field verification drawings are intended to provide actual field conditions and are intended to supplement the original design set. Subcontractors shall base their proposals on the notations from the field verification set. The intent of the verification drawings was to reduce the requirement for new pathways.
4. Do not price Alternate 1 or Alternate 2.
5. Provide a lump sum proposal for Alternate 3.
6. In addition to lump sum pricing per site the following must be provided:
 - a. Unit prices for Add/Deduct 2" underground conduit including trench and backfill.
 - b. Unit prices for Add/Deduct 2" underground conduit without trench and backfill.
 - c. Unit price for Add/Deduct 2" GRC canopy mounted raceway.
 - d. Unit price for Add/Deduct 1" GRC canopy mounted raceway.
 - e. Unit price for Add/Deduct ¾" EMT interior raceway.
 - f. Alternate to change from touch screen to keypads.
7. Provide an alternate to utilize a Bosch fully addressable system.
8. Provide an alternate to utilize 1" GRC instead of specified 2" at locations where 2" is not required based on Bosch design requirements.
9. Provide an alternate to remove all door contacts at Administration areas.

**MDUSD Security System Replacement
Subcontractor Solicitation Log**

Bid Package 1 - Painting (Bids Due 10/17/13)

D & D Commercial Painting	No Bid
Darden Painting	No Bid
J & R Thompson Inc.	Proposed
KBI Painting	Proposed
Masker Painting	Proposed
Mike Flynn Painting Old and New	Proposed

Bid Package 2 - Asphalt Patching (Bids Due 10/17/13)

Antioch Paving	Proposed
Barry's Backhoe	No Bid
Bay Cities Paving and Grading	No Bid
Jos J Albanese	No Bid
MCK Construction	No Bid
Pacific Coast General Engineering	Proposed
R&M Paving	No Bid
Taber Construction Inc.	Proposed

Bid Package 3 - Electrical (Bids Due 10/24/13)

Contra Costa Electric	No Bid
Cupertino Electric	No Bid
Del Monte Electric	Proposed
Design Electric	Declined
McMillan Electric	No Bid
Redwood City Electric	No Bid
Rosendin Electric	No Bid
Vanden Bos Electric	Declined
W. Bradley Electric	No Bid