

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Chief Executive Office

BOARD AGENDA # \*B-14

Urgent ☐

Routine ☒

AGENDA DATE June 19, 2012

CEO Concurs with Recommendation YES ☒ NO ☐  
(Information Attached)

4/5 Vote Required YES ☐ NO ☒

SUBJECT:

Approval to Process a Change Order with Roebbelen Contracting, Inc. for the Lump Sum Amount Not to Exceed \$41,536 to Establish Data Communication Service at the Stanislaus County Juvenile Commitment Facility Project Site Conditioned Upon Approval from the State of California Corrections Standards Authority

STAFF RECOMMENDATIONS:

1. Authorize the Project Manager to process a change order with Roebbelen Contracting, Inc. for the lump sum amount not to exceed \$41,536 to establish data communications service at the Stanislaus Juvenile Commitment Facility site conditioned upon approval from the State of California Corrections Standards Authority.
2. Authorize the Auditor-Controller to make the necessary budget transfers between the construction contingency and construction fixed assets accounts once the change order is approved by the State.

FISCAL IMPACT:

On December 10, 2010, the Board of Supervisors approved the project's initial financing plan. The original financing plan for the construction of a 60 bed facility was originally estimated not to exceed \$24,232,528. The financing plan includes State funding of \$18 million towards construction, funded through a lease-revenue bond financing plan. The primary sources of cash match the County has committed includes funding of \$1,725,000 from Public Facility Fees (PFF), funding of \$2,732,528 from the Criminal Justice Facility Fund, and a non-cash match from land valued at \$1,775,000 at the site where the new facility is being constructed, for a total match of \$6,232,528.

(Continued on Page 2)

BOARD ACTION AS FOLLOWS:

No. 2012-300

On motion of Supervisor Withrow, Seconded by Supervisor Chiesa  
and approved by the following vote,  
Ayes: Supervisors: Chiesa, Withrow, Monteith, De Martini, and Chairman O'Brien  
Noes: Supervisors: None  
Excused or Absent: Supervisors: None  
Abstaining: Supervisor: None

- 1) ☒ Approved as recommended
- 2) ☐ Denied
- 3) ☐ Approved as amended
- 4) ☐ Other:

MOTION:

ATTEST:

  
CHRISTINE FERRARO TALLMAN, Clerk

File No.

### **FISCAL IMPACT: (Continued)**

On September 11, 2011, the Board of Supervisors approved a conditional award of a construction contract conditioned upon State approval to proceed with the construction of the Stanislaus County Juvenile Commitment Center Project to Roebbelen Contracting, Inc. for the lump sum amount not to exceed \$14,983,000, with a total project budget of \$22,713,828 outlined in the sources and uses chart below:

| <b>Juvenile Commitment Center Sources</b>    | <b>Amount</b>       |
|----------------------------------------------|---------------------|
| <b>State Funding</b>                         | \$16,481,300        |
| <b>Detention Public Facility Fees</b>        | \$1,450,000         |
| <b>Criminal Justice Public Facility Fees</b> | \$275,000           |
| <b>Criminal Justice Facilities Fund</b>      | \$2,732,528         |
| <b>Land</b>                                  | \$1,775,000         |
| <b>Total</b>                                 | <b>\$22,713,828</b> |

| <b>Juvenile Commitment Center Uses</b>         | <b>Amount</b>       |
|------------------------------------------------|---------------------|
| <b>Cash Uses for Design/Construction</b>       | \$20,938,828        |
| <b>Non-Cash Uses for Land/Site Acquisition</b> | \$1,775,000         |
| <b>Total</b>                                   | <b>\$22,713,828</b> |

The change order contingency included within the approved project budget is 10% of the total construction contract, or \$1,498,300.

At this time, the Project Manager is returning to the Board of Supervisors for approval to process a change order with Roebbelen Contracting, Inc. for the lump sum amount not to exceed \$41,536 to establish data communications service at the Stanislaus Juvenile Commitment Facility site conditioned upon approval from the State of California Corrections Standards Authority. The Project Budget has funding for this proposed improvement.

This request is consistent with the County's Change Order Policy that requires Board of Supervisors' approval for any change order that exceeds \$25,000. The recommended Change Order is outlined in the Discussion section of this agenda item below.

### **DISCUSSION:**

#### Project Background

Stanislaus County is partnering with the State of California to build a 60-bed Juvenile Commitment Facility. The project consists of the design and construction of a new,

one-story juvenile commitment center adjacent to an existing juvenile detention center on county owned land. The project is being constructed on approximately 4.72 acres of the greater 33.4± acres of county owned land on which the county's existing juvenile facility is located. The juvenile commitment center will be dependent on the adjacent, existing facility for several core operational components, including, admission and release, central administration, the Medical Clinic, laundry, building maintenance, and the main warehouse.

The juvenile commitment center will be approximately 45,600 square feet and will provide 60 beds in three housing units. One housing unit will contain 30 beds, while the other two will each contain approximately 15 beds. This project also includes support services space for administration; central control; routine medical examinations; education, administration and classrooms; religious, recreational, and counseling programs; visitor processing and visitations; facility storage; and a service delivery and loading dock. The visitor processing and visitation space in this new facility may also be utilized for wards housed in the existing facility. Moreover, the central control in the new juvenile commitment center will be integrated with the electronics system at central control in the existing juvenile detention center so that the related functions can be transferred during sleeping hours to maximize staffing efficiencies.

In addition, this project will include the construction of a new vocational kitchen that will provide food service for both the new and the existing facility and support a culinary arts program. It will be located in the end of the new facility closest to the existing facility to facilitate food service to that building. A large multi-purpose room will be included as part of this project to provide indoor recreation and visitation. Two new outdoor recreation areas will be provided within secured fenced areas adjacent to the new housing units to provide direct access from the housing units. This project will also include, but is not limited to, electrical; plumbing; mechanical; computerized heating, ventilation, and air conditioning; security; and fire protection systems. Approximately 86 parking spaces will also be provided for both staff and visitor parking as part of this project.

#### Data Communication Service Project Design

The County contracted with Lionakis to design the project, and a contract to construct the project was awarded to Roebbelen Contracting, Inc. The contract as designed requires Roebbelen to connect the Telephone Termination Board (TTB) within the new Juvenile Commitment Center to an existing Minimum Point of Entry (MPOE) in the nearby Probation Building. The connection to the Commitment Facility will be by a 12 strand multi-fiber cable thru conduits being installed by the general contractor, essentially connecting the new Commitment Center to the existing Probation /Juvenile Hall Facility.

The design had been closely coordinated with Probation Information Technology Division and the County's Strategic Business Technology Department and Capital Projects. As originally designed, the Commitment Facility would be deemed part of a "campus" and the County would be allowed only one MPOE on the campus.

#### Opportunities to Improve Data Communication Service

The Project Team concerned that the data and communications signal to the new facility relied upon an old facility and upon vulnerable overhead lines. After several meetings coordinated with the Probation IT and SBT departments in collaboration with AT & T engineers, staff determined the project could be improved and well protected by installing new underground conduit from the AT & T connection point to the new TTB.

The County's contract with State of California requires the County to construct a facility that will function independently. AT & T agreed to furnish service to a new MPOE within the Juvenile Commitment Facility. With this recommended change to the original design, the Commitment Facility can function independently.

Staff also determined that the 12 strand multi fiber connection between the new Telephone Termination Board in the Commitment Facility should be installed as designed to interconnect the Commitment Facility with the Probation Building and the Juvenile Hall. This connection will interconnect the Juvenile Hall and Probation Facilities directly with the Commitment Facility, and also, provide some emergency back-up in case of an interruption of service to either MPOEs.

The recommended redesign of the data communication services are anticipated to create several advantages over the original design which are outlined below:

- With the revised design, the Juvenile Commitment Facility will be an independent facility. The Commitment Facility will no longer rely upon other county facilities for utilities or services.
- The risk of an interruption to the data and communication services will be reduced. The arrangement as originally designed utilizes an overhead line susceptible to damage to connect to AT & T. The overhead line is also connected with another county facility and utilizes other county equipment for the data and communication signal. The revised design uses buried conduit with a direct connection to the new TTB in the Juvenile Commitment Facility.
- Interconnecting the MPOE within the Juvenile Commitment Facility with the MPOE within the Juvenile Probation building provides some emergency service in case service to either MPOE is interrupted.

### **Next Recommended Actions**

The next critical step for the project recommends that the Board of Supervisors authorize the Project Manager to process a change order with Roebbelen Contracting, Inc. for the lump sum amount not to exceed \$41,536 to establish data communications service at the Stanislaus Juvenile Commitment Facility site conditioned upon approval from the State of California Corrections Standards Authority. The Project Budget has funding for this recommended improvement.

This change order is recommended to be funded out of existing appropriations in the construction contingency account. This request is consistent with the County Change Order Policy that requires Board of Supervisors approval for any change order that exceeds \$25,000.

### **Schedule**

The Project Team has made significant progress towards construction of a Juvenile Commitment Facility. Time is of the essence, as this work must be completed before the site work on the project is completed in late Summer of 2012. To reduce costs, the conduit is recommended to be installed in the common trench with the natural gas line in late Summer of 2012 to ensure the project proceeds on schedule.

### **POLICY ISSUES:**

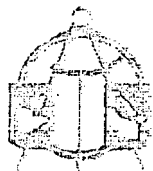
Approval of this action supports the Board of Supervisor's priority of A Safe Community and Efficient Delivery of Public Services by leveraging innovative State Lease Revenue Bond grant funding for the construction of this project.

### **STAFFING IMPACTS:**

Current Chief Executive Office Capital Projects staff working in collaboration with the Probation Department will continue to implement the project.

### **CONTACT PERSON:**

Patricia Hill Thomas, Chief Operations Officer. Telephone 209-525-6333



# Roebbelen

## CHANGE ESTIMATE

033

Date: 3/22/2012

Project No.: 30-11-366

DSA No:

Arch Project No:

To: County of Stanislaus

1010 Tenth Street, Suite 6800  
Modesto, CA 95354

Project: Juvenile Commitment Center-30-11-366

2215-A Blue Gum Ave.

Modesto, CA 95358

Tel: 209-577-2993

Fax: 209-577-5602

We submit for your approval the following cost estimate of changes in the work as follows:

DESCRIPTION OF CHANGE: Cost for telephone and cable service conduits

Collins Electrical Collins will provide and install (2) 4" conduits with pull rope (approx. 2000') and (1) 2" conduit with pull rope (approx. 1000'). We have 400' of 2' x 4' trench excavation and native backfill. We will provide and install (1) N48 vault for telephone and (2) N30 vault for cable.

Excludes asphalt and concrete cutting, removal and patching

Exclude Gas pipe and sand back fill

Landscape repair or replacement

Traffic Control

Utility permits and fees

Encroachment Permit fees

RCON added cost to saw cut for new trench to add telephone and cable service. (Collins Work)

Saw cut only no asphalt needed - \$500.00

Labor =  $84.01 \times 8 = \$672.00$

Mark up 15% = \$176.00

Total = \$1,348.00

RCON added cost for the Gas Trench being wider.

Trench \$2,725.00

Labor =  $84.01 \times 16 = \$1,344.00$

Mark up 15% = 610.00

Total = \$4,679.00

Alt. 1 Install asphalt first drive way only \$1,500.00

Mark up 15% = \$225.00

Total = \$1,725.00

REFERENCE DOCUMENT: RFI A-097 / PCO 27

Status: Pending

| Type                  | Reason              | COR Number                 |
|-----------------------|---------------------|----------------------------|
| CONTRACT SCOPE CHANGE | BUDGET ADJUSTMENT   |                            |
| Item                  | General Description | Applied                    |
| 001                   | Electrical          | 0000 16-001 SC \$31,364.00 |
| 002                   | Gas Line            | 0000 02-551 SC \$6,027.00  |

Roebbelen Contracting, Inc. License #734124

1241 Hawks Flight Court  
El Dorado Hills, CA 95762

ISO 9001: 2000 Certified

QF6-307P Rev 0

Printed on: 5/24/2012

phone: 916.939.4000

fax: 916.939.4028

www.roebbelen.com

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|     |                |                |                    |
|-----|----------------|----------------|--------------------|
| 003 | FEE 5%         | 0000 90-001 FE | \$1,870.00         |
| 004 | Bond 1%        | 0000 01-090 IC | \$393.00           |
| 005 | Alt #1 asphalt | 0000 02-551 SC | \$1,862.00         |
|     |                |                | <b>\$41,536.00</b> |

Extension of time necessary for this change (calendar days) ..... 0

We will not proceed with this change until receipt of a written directive or change order. This proposal must be accepted by: . If not accepted by the date, we reserve the right to re-evaluate the impact of the change.

Please note this quotation includes direct cost of the work only. This quotation does not include any time or costs for delays or damages resulting from impacts as a result of this change order. Roebbelen reserves the right to seek these costs at a later date if necessary.

Roebbelen Contracting, Inc.

By \_\_\_\_\_  
Owner/Architect

By \_\_\_\_\_  
Signature

# STANISLAUS COUNTY CAPITAL PROJECTS

## JUVENILE COMMITMENT CENTER, BID PACKAGE 1, CONSTRUCTION

### REQUEST FOR INFORMATION

CONTRACTOR: ROEBBELEN CONTRACTING, INC.

RFI No: A -097 FAST

| Page <u>1</u> of <u>2</u>           | FROM/TO                        | ATTN                  | DATE SENT | DATE REC'D | DATE DUE |
|-------------------------------------|--------------------------------|-----------------------|-----------|------------|----------|
| SUBJECT: Cable & telephone services | Contractor to Capital Projects | Gino C.               | 1/19/12   | 1/19/12    |          |
| REQUESTED BY: Collins               | Capital Projects to Architect  | Maynard F. - Lionakis | 1/19/12   | 1/19/12    |          |
| DRAWING No: E1.2A                   | Architect to Consultant        |                       |           |            |          |
| SPECIFICATION No:                   | Consultant to Architect        | Ken R. - KRA          | 5/2/12    | 5/2/12     |          |
|                                     | Architect to Capital Projects  | Gino C.               | 5/2/12    | 5/2/12     |          |
|                                     | Capital Projects to Contractor | Noe L. RCI            | 5/2/12    |            | 2/2/12   |

#### INFORMATION NEEDED:

Collins Electric is to provide concrete splice boxes and verify point of service connections for Telephone and Cable. We have been unsuccessful in getting this information from these utility services. Please advise as to what size boxes are to be used and verify exact locations and if they required to be tied into their services.

DATE: 1/19/12

SIGNATURE: *Noe C. Lopez*

#### REPLY:

Conduit for AT&T and Comcast:

As illustrated on the attached E1.1 drawing, provide two 4" conduits for AT&T and one 2" conduit for Comcast from Blue Gum north along Second Street, as indicated, and terminate to the contracted Splice Boxes (were relocated per RFI A-2023). Also provide additional pullboxes as shown.

The trench shall be on the east side of Second Street in the dirt. Provide trenching per utility requirements. Per prior discussions, share southern conduit installation with gas trench and widen to 24". Provide additional trenching that extends beyond gas to accommodate P.O.C. as shown. Patch and repair pavement per contract documents. At the remaining side road approaches (including north Second Street) crossed by the telephone/cable trench cut pavement, backfill, and top with compacted road base.

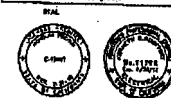
DATE:

5/2/12

SIGNATURE:

*Caryn Davey*

You are authorized to proceed with the work identified in the reply to this RFI on the assumption that no change in the contract amount or completion date is required. If the RFI reply involves a change in the work affecting your contract amount or completion date, notify Capital Projects immediately in writing.



| No. | Description         | Date       |
|-----|---------------------|------------|
|     | CONSTRUCTION COSTS, | 01/04/2011 |
|     | 100% COST           | 04/23/2011 |

#### Abstract Approval

PROJECT NO. 28174

STANISLAUS COUNTY  
JUVENILE COMMITMENT  
CENTER

2215-A BLUE OAK AVENUE  
MODESTO, CALIFORNIA 95351

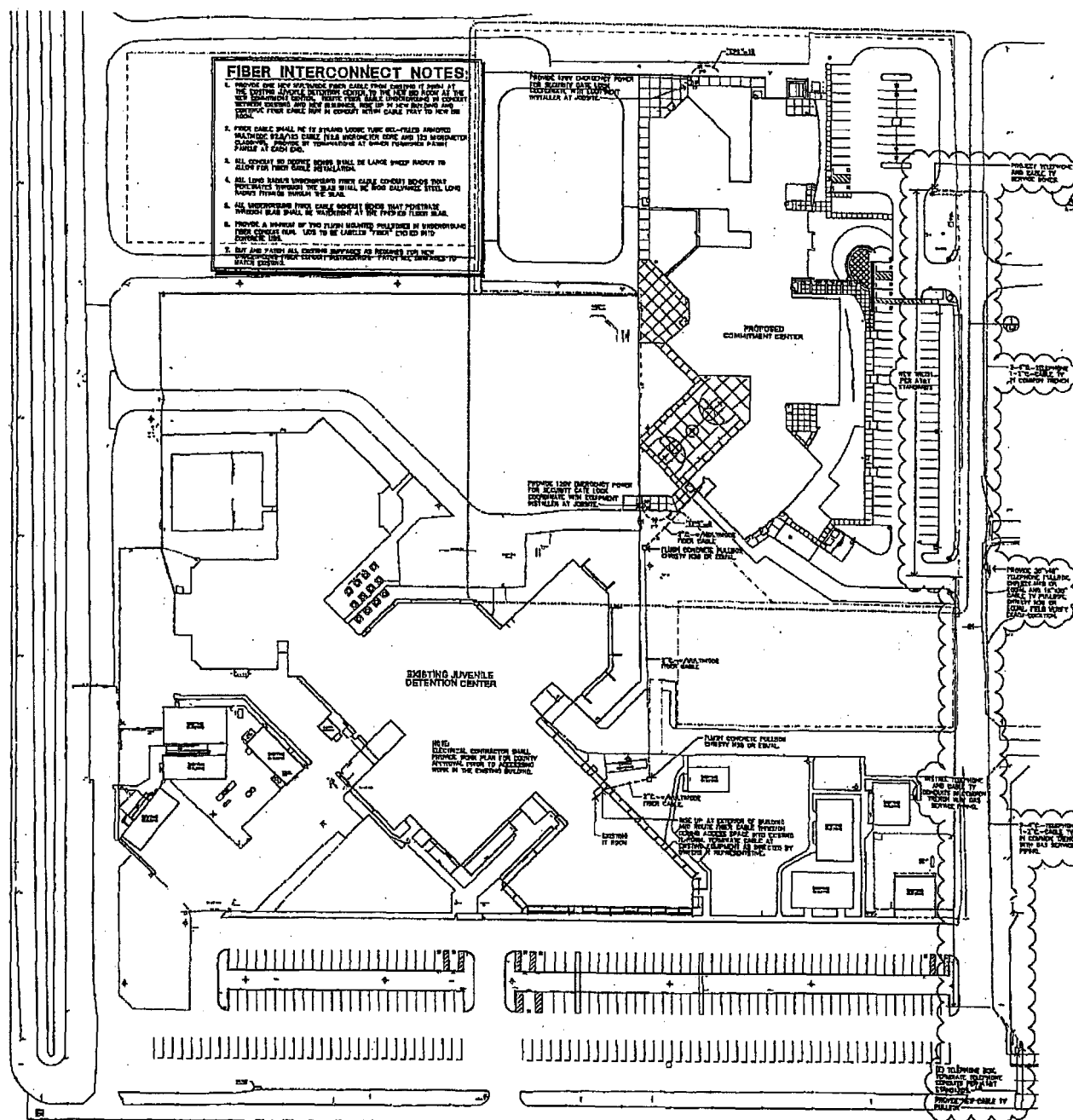
KEY PLAN

UNCLASSIFIED

## OVERALL ELECTRICAL SITE PLAN

TEST NO.

E1.1



**ELECTRICAL SITE PLAN-OVERALL**



Noe Lopez

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From: ttanis@collinselectric.com  
Sent: Wednesday, May 16, 2012 9:35 AM  
To: Noe Lopez  
Subject: Conduits for AT



Collins Electrical Company, Inc. - Modesto  
125 Tuolumne Blvd.  
P.O. Box 577-95353  
Modesto, CA 95354  
Phone: (209) 524-6641  
Fax: (209) 521-6629  
Website: [www.collinselectric.com](http://www.collinselectric.com)

### Proposed Change Order

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05/15/2012

Roebbelen Contracting Inc.  
1241 Hawks Flight Court  
El Dorado Hills, California 95762  
Phone: 916-939-8347  
Fax: 916-939-4027

Attn: Noe Lopez

Project Name: Stanislaus Juvenile Commitment Center  
Project Number: MOD-961  
Description: Conduits for AT&T and Comcast  
Subject: Stanislaus Juvenile Commitment Center  
PCO No.: 17  
RE: RFI #97

Collins Electrical Company, Inc. - Modesto has reviewed the above referenced change(s) and we have determined that our work is impacted as follows:

|                                     |                  |
|-------------------------------------|------------------|
| Net Amount of this Proposed Change: | \$31,364.00      |
| Schedule Impact:                    | To Be Determined |
| Proceeded with proposed work:       | No               |
| Response due date:                  | 05/25/2012       |

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This proposal is based on the Terms and Conditions as follows:

**Description of work:**

This price is per RFI response #97. Collins will provide and install (2) 4" conduits with pull rope (approx. 2000') and (1) 2" conduit with pull rope (approx. 1000'). We have 400' of 2' x 4' trench excavation and native backfill. We will provide and install (1) N48 Vault for Telephone and (2) N30 Vault for Cable.

**Exclusions:**

Collins excludes the following:

- Asphalt and concrete cutting, removal and patching.
- Gas pipe and sand backfill.
- Landscape repair or replacement.
- Traffic Control.
- Utility permits and fees.
- Encroachment permit fees.

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**Comments:**

Please open link below to view takeoff.

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If you have any questions, please contact Collins Electrical Company, Inc. - Modesto as soon as possible. This proposal remains in effect for 30 days.

Sincerely,

Tammy Tanis  
Project Manager  
Collins Electrical Company, Inc. - Modesto  
(209) 524-6641

**Enclosure** (click link to download):

[CCOR 017.pdf](#) 47 KB

cc:

Collins Electrical Company, Inc. - Modesto, Joel Gruenhagen

Collins Electrical Company, Inc. - Modesto, Chris Riley

TT/tt

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**Trimble ConstructJob.**

|    | Description                   | Quantity | Net Cost | Unit | Total Material | Material Co | Labor  | Unit | Total Hours | Labor Condit |
|----|-------------------------------|----------|----------|------|----------------|-------------|--------|------|-------------|--------------|
| 1  | 2" PVC-40                     | 1,000    | 54.23    | C    | 542.30         | Normal      | 3.00   | C    | 30.00       | Normal       |
| 2  | 4" PVC-40                     | 2,000    | 156.05   | C    | 3,121.00       | Normal      | 5.00   | C    | 100.00      | Normal       |
| 3  | 2" PVC COUPLING               | 4        | 35.65    | C    | 1.43           | Normal      | 0.00   | C    | 0.00        | No Labor     |
| 4  | 4" PVC COUPLING               | 12       | 160.28   | C    | 19.23          | Normal      | 0.00   | C    | 0.00        | No Labor     |
| 5  | 2" PVC-40 90 ELBOW            | 4        | 152.73   | C    | 6.11           | Normal      | 50.00  | C    | 2.00        | Normal       |
| 6  | 4" PVC-40 36" RADIUS ELBOW    | 4        | 1,941.15 | C    | 77.65          | Normal      | 131.00 | C    | 5.24        | Normal       |
| 7  | 2" PVC-40 45 ELBOW            | 4        | 152.73   | C    | 6.11           | Normal      | 50.00  | C    | 2.00        | Normal       |
| 8  | 4" PVC-40 36" RADIUS 45 ELBOW | 8        | 2,233.72 | C    | 178.70         | Normal      | 131.00 | C    | 10.48       | Normal       |
| 9  | 2" PVC END BELL               | 4        | 217.97   | C    | 8.72           | Normal      | 7.50   | C    | 0.30        | Normal       |
| 10 | 4" PVC END BELL               | 8        | 314.53   | C    | 25.16          | Normal      | 12.50  | C    | 1.00        | Normal       |
| 11 | 2" PVC END CAP                | 4        | 294.81   | C    | 11.79          | Normal      | 6.25   | C    | 0.25        | Normal       |
| 12 | 4" PVC END CAP                | 4        | 1,211.60 | C    | 48.46          | Normal      | 8.75   | C    | 0.35        | Normal       |
| 13 | PVC CEMENT (1-QUART)          | 12       | 9.95     | E    | 119.40         | Normal      | 1.25   | E    | 15.00       | Normal       |
| 14 | PG&E - CONDUIT MEASURING TAPE | 1,000    | 112.82   | M    | 112.82         | Normal      | 3.75   | M    | 3.75        | Normal       |
| 15 | POLYTWINE                     | 1,000    | 9.00     | M    | 9.00           | Normal      | 3.75   | M    | 3.75        | Normal       |
| 16 | TRENCH (24"x4' DEEP)          | 400      | 10.37    | E    | 4,148.00       | Normal      | 0.94   | C    | 3.76        | Normal       |
| 17 | 24x48 COMPACTION BF           | 400      | 0.00     | E    | 0.00           | No Cost     | 4.69   | C    | 18.76       | Normal       |
| 18 | GRAVEL (CY)                   | 5        | 24.00    | E    | 120.00         | Normal      | 0.30   | E    | 1.50        | Normal       |
| 19 | B1730 ELECT BOX H20           | 2        | 202.05   | E    | 404.10         | Normal      | 2.47   | E    | 4.94        | Normal       |
| 20 | B3048 ELECT BOX H20           | 1        | 266.40   | E    | 266.40         | Normal      | 4.05   | E    | 4.05        | Normal       |
| 21 | B3048X12 EXTENSION H20        | 1        | 125.10   | E    | 125.10         | Normal      | 2.25   | E    | 2.25        | Normal       |
| 22 | B48SL SLAB                    | 1        | 90.76    | E    | 90.76          | Normal      | 1.80   | E    | 1.80        | Normal       |
| 23 | B1730-51JH STEEL COVER        | 2        | 304.95   | E    | 609.90         | Normal      | 0.50   | E    | 1.00        | Normal       |
| 24 | B3048-53JH STEEL COVER        | 1        | 799.27   | E    | 799.27         | Normal      | 1.50   | E    | 1.50        | Normal       |
| 25 | EXCAVATE FOR N30 (#5)         | 2        | 36.00    | E    | 72.00          | Normal      | 0.36   | E    | 0.72        | No Labor     |
|    | Totals                        |          |          |      | 10,923.41      |             |        |      | 214.40      |              |

|  | Final Pricing                 | Modified (\$) | Modified (%) | Alarm | Code |
|--|-------------------------------|---------------|--------------|-------|------|
|  | Database Material (Extension) | 10,923.41     |              |       |      |
|  | Material Escalation           |               |              |       |      |
|  | Quoted Material (Extension)   |               |              |       |      |
|  | Quoted Material               |               |              |       |      |
|  | Material Tax                  | 805.60        | 7.375        |       |      |
|  | Material Total                | 11,729.01     |              |       |      |
|  | Direct Labor                  | 14,579.20     |              |       |      |
|  | Incidental Labor              |               |              |       |      |
|  | Labor Factoring               |               |              |       |      |
|  | Labor Escalation              |               |              |       |      |
|  | Indirect Labor                | 965.25        |              |       |      |
|  | Labor Tax                     |               |              |       |      |
|  | Labor Total                   | 15,544.45     |              |       |      |
|  | Subcontractors                |               |              |       |      |
|  | General Expenses              |               |              |       |      |
|  | Equipment                     |               |              |       |      |
|  | Total Cost                    | 27,273.46     |              |       |      |
|  | Database Material Overhead    |               |              |       |      |
|  | Quoted Material Overhead      |               |              |       |      |
|  | Labor Overhead                |               |              |       |      |
|  | Subcontractors Overhead       |               |              |       |      |
|  | General Expenses Overhead     |               |              |       |      |
|  | Equipment Overhead            |               |              |       |      |
|  | Adjustment Overhead           |               |              |       |      |
|  | Total Overhead                |               |              |       |      |
|  | Database Material Markup      |               |              |       |      |
|  | Quoted Material Markup        |               |              |       |      |
|  | Labor Markup                  |               |              |       |      |
|  | Subcontractors Markup         |               |              |       |      |
|  | General Expenses Markup       |               |              |       |      |
|  | Equipment Markup              |               |              |       |      |
|  | Adjustment Markup             | 4,091.02      | 15.000       |       |      |
|  | Total Markup                  | 4,091.02      | 15.000       |       |      |
|  | Adjustment #1                 |               |              |       |      |
|  | Adjustment #2                 |               |              |       |      |
|  | Adjustment #3                 |               |              |       |      |
|  | Final Adjustment              |               |              |       |      |
|  | Selling Price                 | 31,364.48     |              |       |      |
|  | GST #                         |               |              |       |      |
|  | Final Price                   | 31,364.48     |              |       |      |

|   | Labor Type | Crew | Hours  | Rate \$ | SubTotal  | Total     | Full Rate |
|---|------------|------|--------|---------|-----------|-----------|-----------|
| 1 | Crew       | 3.00 | 214.40 | 68.00   | 14,579.20 | 14,579.20 | 68.00     |
|   | Totals     | 3.00 | 214.40 | 68.00   | 14,579.20 | 14,579.20 | 68.00     |

|   | Indirect Labor  | Lab % | Hours | Rate \$ | Total  | Full Rate |
|---|-----------------|-------|-------|---------|--------|-----------|
| 1 | PROJECT MANAGER | 2.000 | 4.29  | 75.00   | 321.75 | 75.00     |
| 2 | GENERAL FOREMAN | 4.000 | 8.58  | 75.00   | 643.50 | 75.00     |
|   | Totals          |       | 12.87 | 75.00   | 965.25 | 75.00     |