

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: ROLLING STOCK

ITEM: ENGINE

Project Description



PROJECT COST: \$261,000

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Quantity</u> | <u>Unit Cost</u> | <u>Sub Total</u> | <u>Total Cost</u> |
|---------------------|-----------------|----------------------|----------------------|-----------------------|
| Engine | 1 Unit | | | |
| Vehicle Cost | | \$210,000 | \$210,000 | \$210,000 |
| Breathing Apparatus | | \$13,000 | \$13,000 | \$13,000 |
| Hose | | \$10,000 | \$10,000 | \$10,000 |
| Other Equipment | | \$28,000 | \$28,000 | \$28,000 |
| TOTAL | | | | \$261,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: ROLLING STOCK

ITEM: AMBULANCE

Project Description



PROJECT COST: \$112,000

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Quantity</u> | <u>Unit Cost</u> | <u>Sub Total</u> | <u>Total Cost</u> |
|----------------------------|-----------------|----------------------|----------------------|-----------------------|
| Ambulance, Vehicle Cost | 1 Unit | \$80,000 | \$80,000 | |
| Monitor/Defibrillator | | \$7,800 | \$7,800 | |
| Cellular Phone | | \$800 | \$800 | |
| Portable Radio | | \$10,000 | \$10,000 | |
| Other Equipment & Supplies | | \$13,400 | \$13,400 | |
| TOTAL | | | | \$112,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: ROLLING STOCK

ITEM: BRUSH UNIT

Project Description

PROJECT COST: \$20,000

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Quantity</u> | <u>Unit Cost</u> | <u>Sub Total</u> | <u>Total Cost</u> |
|--------------------------|-----------------|----------------------|----------------------|-----------------------|
| Brush Unit, Vehicle Cost | 1 Unit | \$20,000 | \$20,000 | \$20,000 |
| Pump & Tank | | \$7,500 | \$7,500 | |
| Hose | | \$820 | \$820 | |
| Other Equipment | | \$3,680 | \$3,680 | |
| TOTAL | | | | \$32,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: DEPARTMENT PERSONNEL COSTS

ITEM: SPECIAL HIRING COSTS

Project Description

Special hiring costs include specific one-time costs associated with hiring safety personnel.

COST PER FIRE FIGHTER \$1,344

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Cost</u> |
|---------------------------|-------------|
| Background Investigation | \$575 |
| Polygraph Examination | \$125 |
| Psychological Examination | \$270 |
| Medical Examination | \$269 |
| Chemical Examination | \$10 |
| TOTAL | \$1,344 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: DEPARTMENT PERSONNEL COSTS

ITEM: FIRE FIGHTER'S PERSONAL EQUIPMENT

Project Description

This project includes all individual equipment required by a fire fighter.

COST PER FIRE FIGHTER \$1,710

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Cost per fire fighter</u> |
|--------------------|----------------------------------|
| Turnout Coat | \$541 |
| Turnout Pants | \$385 |
| Rubber Boots | \$70 |
| Brush Coat | \$98 |
| Brush Pants | \$98 |
| Leather Work Boots | \$145 |
| Structure Helmet | \$146 |
| Grass Helmet | \$25 |
| Goggles | \$15 |
| Leather Gloves (2) | \$30 |
| Suspenders | \$15 |
| Rescue Strap | \$4 |
| Flashlight | \$15 |
| Pocket Spanners | \$15 |
| Carabiners | \$19 |
| Nomex Hood w/bib | \$20 |
| Scot Mask | \$69 |
| TOTAL | \$1,710 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: NEW STATION CONSTRUCTION

ITEM: FIRE STATION #4

Project Description

The cost estimate for Fire Station #4 excludes land and vehicles since these have already been acquired by the City. All other capital costs to bring this 5309 square foot station on-line are included. The station will house one engine, one ambulance and one brush truck.

COMPLETION DATE: To be in operation by March 1994.

PROJECT COST: \$1,121,000

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Total Cost</u> |
|--------------------------------|-----------------------|
| Design Costs | \$110,000 |
| Construction Budget | \$856,000 |
| Telephone/Radio Communication | \$20,000 |
| Const./Admin/Connect.Fees | \$113,000 |
| Furnishings | \$5,000 |
| Station Equipment | \$14,000 |
| Spare Safety Clothes -- 3 sets | \$3,000 |
| TOTAL | \$1,121,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: NEW STATION CONSTRUCTION

ITEM: FIRE STATION #5

Project Description

Fire Station #5 is to be located in Lower Lagoon Valley. The capital improvement program schedules an ambulance and fire unit for location in leased facilities in 1999/2000 permanent station being constructed in 2009/2010.

COMPLETION DATE: To be in operation by March 2009/2010.

PROJECT COST: \$1,121,000

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Total Cost</u> |
|--------------------------------|-----------------------|
| Design Costs | \$110,000 |
| Construction Budget | \$856,000 |
| Telephone/Radio Communication | \$20,000 |
| Const./Admin/Connect.Fees | \$113,000 |
| Furnishings | \$5,000 |
| Station Equipment | \$14,000 |
| Spare Safety Clothes -- 3 sets | \$3,000 |
| TOTAL | \$1,121,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

CATEGORY: ADMINISTRATION COSTS, EQUIPMENT

ITEM: WORKSTATION – OFFICE FURNISHINGS

Project Description

This is an estimate of the office furnishings for fire administrative personnel assuming an open office environment and including equipment as well as furniture.

PROJECT COST: \$4,800

DETAILED COST ESTIMATE

| <u>Item</u> | <u>Quantity</u> | <u>Unit Cost</u> | <u>Sub Total</u> | <u>Total Cost</u> |
|------------------|-----------------|----------------------|----------------------|-----------------------|
| Wall Panels | 7 panels | \$150 | \$1,050 | \$1,100 |
| Desk Area | 11 l.ft. | \$125 | \$1,375 | \$1,400 |
| Task Chair | | \$300 | | \$300 |
| Overhead Storage | 8 l.ft. | \$100 | \$800 | \$800 |
| Computer | | \$1,000 | | \$1,000 |
| Miscellaneous | | \$200 | | \$200 |
| TOTAL | | | | \$4,800 |

City of Vacaville
 Fire Development Impact Fee
 1992 Update

PROJECT DESCRIPTION

CATEGORY: ADMINISTRATION COSTS, OFFICE SPACE

ITEM: ADMINISTRATIVE OFFICE SPACE

Project Description
 Administrative office space includes the cost only for the space needed to house the increase in administration attributable to new development.

PROJECT COST: \$33,000

DETAILED COST ESTIMATE

| <u>Calculation of Office Space Requirements</u> | | <u>Total Cost</u> |
|---|-------------|-------------------|
| Inspector/Plan Checker (A3 space) | 120 | |
| Clerical Workstation (2-B4 spaces) | 96 | |
| Filing Area (8 files*7 s.f.) | 56 | |
| Subtotal Net Space | 272 | |
| Assignable X 1.36 | 370 | |
| Gross Space X 1.04 | 385 sq. ft. | |
| Net Cost per sq. ft. of office space. | X \$85.00 | |
| Cost of Space for Added Staff | \$33,000 | \$33,000 |

City of Vacaville
Fire Development Impact Fee
1992 Update

PROJECT DESCRIPTION

ITEM: COMMUNICATIONS SYSTEM

Project Description

This is the fire department's share of the new communications system necessary to serve new development in the City. The department's share of the cost was calculated in proportion to the number of radio devices that the department will have in the new system.

COMPLETION DATE:

PROJECT COST: \$391,000

DETAILED COST ESTIMATE

| | | <u>Total Cost</u> |
|---------------------------|------------------|-----------------------|
| Total Cost of System | \$1,750,000 | |
| Fire Department Share | 22.32% | |
| Fire Dept. Responsibility | <u>\$391,000</u> | \$391,000 |