Mendecino Coast District Hospital - SPC / NPC Upgrades

Conceptual ROM R1 May 4, 2023

22-01071.00



Prepared for Devenney Group



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EXECUTIVE SUMMARY

1.1 Introduction

This estimate has been prepared, pursuant to an agreement between Devenney Group and Cumming, for the purpose of establishing a probable cost of construction at the conceptual rom r1 stage.

The project scope encompasses the NPC-4D and SPC-4D upgrades to the existing hospital

1.2 Cost Estimation Breakdown

The total estimated construction cost within our cost report is summarized below:

| Description | | SPC-4D | NPC-4D | Total |
|--|---------|-------------|-------------|--------------|
| A. Direct Costs Direct Cost of Construction | | \$2,103,252 | \$3,764,923 | \$5,868,175 |
| Subtotal Direct Costs | | \$2,103,252 | \$3,764,923 | \$5,868,175 |
| B. Indirect Costs | | | | |
| B1 - GCs | Monthly | \$506,880 | \$506,880 | \$1,013,760 |
| B2 - Bonds & Insurance | 2.50% | \$65,253 | \$106,795 | \$172,048 |
| B3 - GC Fee | 5.00% | \$133,769 | \$218,930 | \$352,699 |
| B4 - Design Contingency | 15.00% | \$421,373 | \$689,629 | \$1,111,002 |
| B5 - Construction Contingency | 5.00% | \$161,526 | \$264,358 | \$425,884 |
| B6 - Phasing / Over time | 5.00% | \$169,603 | \$277,576 | \$447,178 |
| B7 - Escalation | 29.22% | \$1,040,668 | \$1,703,181 | \$2,743,849 |
| Subtotal Indirect Costs | | \$2,499,073 | \$3,767,349 | \$6,266,422 |
| Total Construction Costs | | \$4,602,325 | \$7,532,272 | \$12,134,597 |

1.3 Project Schedule

| | Start | Finish | Duration |
|----------------------|--------|--------|-----------|
| Design & Engineering | Jul-26 | Jun-28 | 24 months |
| Construction | Jun-28 | Jun-29 | 13 months |

EXECUTIVE SUMMARY

1.4 Escalation

Escalation / Inflation rates are very volatile in today's construction market. 2021 saw an unprecedented 13.4% escalation, and 2022 saw another 9.3% of escalation over 2021. With the information on hand, we are expecting after 2022, a slow decline in escalation from 2023-2026 until it once again reaches the ~4% range per year.

We have calculated escalation to be included thru the Mid-Point of Construction: **11/30/28** This rate calculated is a compounded rate from the estimate date thru the Mid-Point of Construction.

| Year | Time | Rate | Total | Compounded Rate | |
|-----------|------|------|-------|-----------------|--|
| 2022 | 0.70 | 7.0% | 4.9% | 4.85% | |
| 2023 | 1.00 | 5.2% | 5.2% | 10.34% | |
| 2024 | 1.00 | 4.4% | 4.4% | 15.25% | |
| 2025 | 1.00 | 4.0% | 4.0% | 19.86% | |
| 2026 | 1.00 | 4.0% | 4.0% | 24.65% | |
| 2027-2030 | 0.92 | 4.0% | 3.7% | 29.22% | |

1.5 Key Assumptions & Exclusions

This document should be read in association with Appendices 1 - 4 which outline assumptions, project understanding, approach, and cost management methodology. Key assumptions built into the above cost breakdown include

Key Assumptions

- Design Bid Build Project
- Multi Phase Construction
- Normal time, except for some night / weekend OT work
- Occupied hospital setting

Key Exclusions

- Project Soft Costs (example summary provided)
- Department Relocation
- Hazardous Material Abatement

| | SUMMARY | | |
|-----------------------------------|---------|-----------|--------------|
| Element | Area | Cost / SF | Total |
| SPC-4D Upgrades | 55,000 | \$74.53 | \$4,602,325 |
| NPC-4D Upgrades | 55,000 | \$121.98 | \$7,532,272 |
| Total Estimated Construction Cost | 55,000 | \$220.63 | \$12,134,597 |

| | | 61,750 SF 61,750 SF | | SPC-4D Upgrades 61,750 SF | | NPC-4D Upgrades 61,750 SF | | Overall Totals | |
|------------------------------------|-------|---------------------|---------|------------------------------|---------|------------------------------|---------|----------------|--|
| ement | | Total | Cost/SF | Total | Cost/SF | Total | Cost/SF | | |
| 1 General Requirements (see below) | | \$375,296 | \$6.08 | \$475,957 | \$7.71 | \$851,252 | \$6.89 | | |
| 2 Existing Conditions | | \$33,000 | \$0.53 | \$39,975 | \$0.65 | \$72,975 | \$0.59 | | |
| 3 Concrete | | \$3,000 | \$0.05 | | | \$3,000 | \$0.02 | | |
| 4 Masonry | | | | | | | | | |
| 5 Metals | | \$141,960 | \$2.30 | | | \$141,960 | \$1.15 | | |
| 6 Wood & Plastics | | \$136,730 | \$2.21 | | | \$136,730 | \$1.11 | | |
| 7 Thermal & Moisture | | \$67,500 | \$1.09 | | | \$67,500 | \$0.55 | | |
| 8 Doors & Windows | | | | | | | | | |
| 9 Finishes | | \$117,600 | \$1.90 | \$86,100 | \$1.39 | \$203,700 | \$1.65 | | |
| 10 Specialties | | \$3,000 | \$0.05 | | | \$3,000 | \$0.02 | | |
| 11 Equipment | | | | | | | | | |
| 12 Furnishings | | | | | | | | | |
| 13 Special Construction | | \$129,167 | \$2.09 | | | \$129,167 | \$1.05 | | |
| 14 Conveying | | | | | | | | | |
| 15 Mechanical | | \$571,000 | \$9.25 | \$979,860 | \$15.87 | \$1,550,860 | \$12.56 | | |
| 16 Electrical | | \$525,000 | \$8.50 | \$2,183,031 | \$35.35 | \$2,708,031 | \$21.93 | | |
| Subtotal Cost | | \$2,103,252 | \$34.06 | \$3,764,923 | \$60.97 | \$5,868,175 | \$48 | | |
| General Conditions | 7.0% | \$506,880 | \$8.21 | \$506,880 | \$8.21 | \$1,013,760 | \$8.21 | | |
| Bonds & Insurance | 2.5% | \$65,253 | \$1.06 | \$106,795 | \$1.73 | \$172,048 | \$1.39 | | |
| Contractor's Fee | 5.0% | \$133,769 | \$2.17 | \$218,930 | \$3.55 | \$352,699 | \$2.86 | | |
| Design Contingency | 15.0% | \$421,373 | \$6.82 | \$689,629 | \$11.17 | \$1,111,002 | \$9.00 | | |
| Construction Contingency | 5.0% | \$161,526 | \$2.62 | \$264,358 | \$4.28 | \$425,884 | \$3.45 | | |
| Phasing / Overtime / Weekends | 5.0% | \$169,603 | \$2.75 | \$277,576 | \$4.50 | \$447,178 | \$3.62 | | |
| Escalation to MOC, 11/30/28 | 29.2% | \$1,040,668 | \$16.85 | \$1,703,181 | \$27.58 | \$2,743,849 | \$22.22 | | |

Mendecino Coast District Hospital - SPC / NPC Upgrades

Fort Bragg, CA

Conceptual ROM R1

PROJECT COST SUMMARY

| | | SPC-4D Upgrades 55,000 BGSF | NPC-4D Upgrades 55,000 BGSF | TOTAL 55,000 BGSF |
|---|-----------------|--|---|---|
| CONSTRUCTION Construction Costs Escalation to Midpoint of Construction Total Construction Costs | 29.22% | \$4,602,325 Included \$4,602,325 | \$7,532,272 Included \$7,532,272 | \$12,134,597 |
| ARCHITECTURAL AND ENGINEERING A&E Full Services Construction Administration A&E Construction Contingency Total Architectural and Engineering Costs | 10.00% 1.00% | \$460,233 \$46,023 \$506,256 | \$753,227 \$75,323 \$828,550 | \$1,213,460 \$121,346 \$1,334,806 |
| CONSULTANTS Other Consultant Fees Total Consultant Costs | 2.00% | \$92,047 \$92,047 | \$150,645 \$150,645 | \$242,692 \$242,692 |
| PERMITS AND FEES OSHPD Permit Fees Total Permits and Fees Costs | 2.00% | \$92,047 \$92,047 | \$150,645 \$150,645 | \$242,692 \$242,692 |
| INSPECTION AND TESTING QA Testing & Certified Inspections Commissioning Total Inspection and Testing Costs | 2.00% 0.50% | \$92,047 \$23,012 \$115,058 | \$150,645 \$37,661 \$188,307 | \$242,692 \$60,673 \$303,365 |
| PROJECT MANAGEMENT Owner/Outside Project Management Fees Total Project Management Costs | 5.00% | \$230,116 \$230,116 | \$376,614 \$376,614 | \$606,730 \$606,730 |
| OWNER'S CONTINGENCIES Owners Contingency Total Owner's Contingency Costs | 10.00% | \$460,233 \$460,233 | \$753,227 \$753,227 | \$1,213,460 \$1,213,460 |
| TOTAL PROJECT COSTSCOSTS PER SQUARE FOOTConstruction (Including Escalation)Equipment & FurnishingsArchitectural and EngineeringConsultantsPermits and FeesInspection and TestingProject ManagementOwner's Contingency | | \$6,098,081 \$83.68 \$0.00 \$9.20 \$1.67 \$1.67 \$2.09 \$4.18 \$8.37 | \$9,980,260 \$136.95 \$0.00 \$15.06 \$2.74 \$2.74 \$3.42 \$6.85 \$13.70 | \$220.63 \$0.00 \$24.27 \$4.41 \$4.41 \$5.52 \$11.03 \$22.06 |
| Total Cost per Square Foot | | \$110.87 | \$181.46 | \$292.33 |

SCHEDULE OF AREAS AND CONTROL QUANTITIES

| Schedule of Areas | | SPC | NPC | SF |
|----------------------------|----------------|--------|-------------------|-------|
| 1. Enclosed Areas (x 100%) | | | | |
| Level 1 | | 55,000 | 12,300 | |
| Addict Space | | 6,750 | Included in total | 6,750 |
| | Total Enclosed | 61,750 | <u> </u> | 6,750 |

Project # 22-01071.00 05/04/23

SPC-4D Upgrades

SUMMARY - SPC-4D UPGRADES

| Element | | Total | Cost / SF |
|--------------------------------------|----------|-------------|---------------|
| 1 General Requirements (Incl. Below) | | \$375,296 | \$6.08 |
| 2 Existing Conditions | | \$33,000 | \$0.53 |
| 3 Concrete | | \$3,000 | \$0.05 |
| 4 Masonry | | | |
| 5 Metals | | \$141,960 | \$2.30 |
| 6 Wood & Plastics | | \$136,730 | \$2.21 |
| 7 Thermal & Moisture | | \$67,500 | \$1.09 |
| 8 Doors & Windows | | | |
| 9 Finishes | | \$117,600 | \$1.90 |
| 10 Specialties | | \$3,000 | \$0.05 |
| 11 Equipment | | | |
| 12 Furnishings | | | |
| 13 Special Construction | | \$129,167 | \$2.09 |
| 14 Conveying | | | ** • • |
| 15 Mechanical | | \$571,000 | \$9.25 |
| 16 Electrical | | \$525,000 | \$8.50 |
| Subtotal | | \$2,103,252 | \$34.06 |
| General Conditions | 6 Months | \$506,880 | \$8.21 |
| Subtotal | | \$2,610,132 | \$42.27 |
| Bonds & Insurance | 2.50% | \$65,253 | \$1.06 |
| Subtotal | | \$2,675,386 | \$43.33 |
| Contractor's Fee | 5.00% | \$133,769 | \$2.17 |
| Subtotal | | \$2,809,155 | \$45.49 |
| Design Contingency | 15.00% | \$421,373 | \$6.82 |
| Subtotal | | \$3,230,528 | \$52.32 |
| Construction Contingency | 5.00% | \$161,526 | \$2.62 |
| Subtotal | | \$3,392,055 | \$54.93 |
| Phasing / Overtime / Weekends | 5.00% | \$169,603 | \$2.75 |
| Subtotal | | \$3,561,657 | \$57.68 |
| Escalation to MOC, 11/30/28 | 29.22% | \$1,040,668 | \$16.85 |
| TOTAL ESTIMATED CONSTRUCTION COST | | \$4,602,325 | \$74.53 |

Total Area: 61

61,750 SF

| DETAIL ELEMENTS - SPC-4D UPGRADES | | | | | | |
|---|-------------|-----------|--|----------------------|--|--|
| Element | Quantity | Unit | Unit Cost | Total | | |
| 1 General Requirements | | | | | | |
| General Requirements Infection Control | 10.0% | | \$1,727,957 | \$172,796 | | |
| Temporary walls, visqueen barriers, negative air - materials & maint. | 6 | mos | \$15,000.00 | \$90,000 | | |
| Temporary Construction | | | <i>•••••••••••••••••••••••••••••••••••••</i> | +, | | |
| Existing wall and floor protection | 55,000 | sf | \$0.50 | \$27,500 | | |
| Cleaning and Mainteance | c | | ¢c 000 00 | ¢20.000 | | |
| Progress Cleaning Final Clean | 6 55,000 | mos sf | \$5,000.00 \$1.00 | \$30,000 \$55,000 | | |
| Total - General Requirements | | | | \$375,296 | | |
| 2 Existing Conditions | | | | | | |
| Demolition | | | | | | |
| General Demolition Cut existing wall to creat seismic gap between wood canopy & hospital | 45 | lf | \$400.00 | \$18,000 | | |
| Interior ACT ceiling removal & storage for reinstall | 45 | ls | \$5,000.00 | \$5,000 | | |
| Interior demolition at Patient Rooms & Restrooms | 1,000 | sf | \$10.00 | \$10,000 | | |
| Total - Sitework | | | | \$33,000 | | |
| 3 Concrete | | | | | | |
| Grouting | | | | | | |
| Epoxy Grouting | 40 | | | ¢2.000 | | |
| Grouting at Hilti Dowels (S4/6) | 40 | ea | \$75.00 | \$3,000 | | |
| Total - Concrete | | | | \$3,000 | | |
| 5 Metals | | | | | | |
| Miscellaneous Metals | | | | | | |
| Dowels | 4 070 | | * 500.00 | ¢4.44.000 | | |
| Hilti expansion anchor into existing slab on grade, between sill bolts-S4 | /1 273 | ea | \$520.00 | \$141,960 | | |
| Total - Metals | | | | \$141,960 | | |
| 6 Wood & Plastics | | | | | | |
| Rough Carpentry | | | | | | |
| Plywood Sheathing | | | | | | |
| Shear walls, 1/2", interior, above ceiling at attic (S4/17) | 575 | sf | \$15.00 | \$8,625 | | |
| Miscellaneous Rough Carpentry | | | | | | |
| Blocking & Backing Blocking at rafters (3) including simpson holddown and clips (S4/4) | 1 | 00 | \$1,280.00 | \$1,280 | | |
| 4x4 blocking with simpson framing clips, and prestretched galvanized | 208 | ea ea | \$1,200.00 \$305.00 | \$1,200 \$63,440 | | |
| | | | 4000.00 | + 30, 110 | | |

DETAIL ELEMENTS - SPC-4D UPGRADES

| 4x4 blocking at new plywood, at 48° OC (S4/7) Simpson Framing Clip @ 36° OC, stagger each side of joist (S4/5) Simpson Holdown with Hilti Adhesive Dowel, into existing footing (S4/6) Simpson strap over existing top place to glulam beam, each side Simpson framing clips to each side of rafter framing New strap & 4'-0" scab at roof joist Total - Wood & Plastics 7 Thermal & Moisture Joint Protection Expansion Joint, interior Expansion Joint cover, exterior Total - Thermal & Moisture 9 Finishes Walls Exterior paritions Exterior paritions Exterior paritions Patch & repair existing walls as required ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 111 11 40 3 2 11 45 45 45 45 45 | ea ea ea ea If If If Is sf | \$255.00 \$480.00 \$510.00 \$510.00 \$560.00 \$700.00 \$800.00 \$350.00 \$10,000.00 | \$6,160 \$136,730 \$31,500 \$36,000 \$67,500 \$15,750 |
|--|---|--|---|--|
| Simpson Holdown with Hilti Adhesive Dowel, into existing footing (S4/6) Simpson strap over existing top place to glulam beam, each side Simpson framing clips to each side of rafter framing New strap & 4'-0' scab at roof joist Total - Wood & Plastics 7 Thermal & Moisture Joint Protection Expansion Control Expansion Joint, interior Expansion Joint cover, exterior Total - Thermal & Moisture 9 Finishes Valls Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings Acoustical Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 40 3 2 11 45 45 45 45 45 1 | ea ea ea If If If | \$510.00 \$740.00 \$510.00 \$560.00 \$700.00 \$800.00 \$350.00 | \$20,400 \$2,220 \$1,020 \$6,160 \$136,730 \$31,500 \$36,000 \$67,500 \$15,750 |
| Simpson strap over existing top place to glulam beam, each side Simpson framing clips to each side of rafter framing New strap & 4'-0" scab at roof joist Total - Wood & Plastics 7 Thermal & Moisture Joint Protection Expansion Control Expansion Joint, interior Expansion Joint cover, exterior Total - Thermal & Moisture 9 Finishes Walls Exterior paritions Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required Act, replacement at Patient Rooms Ceilings AcT, reinstall existing ACT, reinstall existing Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 3 2 11 45 45 45 45 1 | ea ea If If If | \$740.00 \$510.00 \$560.00 \$700.00 \$800.00 \$350.00 | \$2,220 \$1,020 \$6,160 \$136,730 \$31,500 \$36,000 \$67,500 \$15,750 |
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| New strap & 4'-0" scab at roof joist Total - Wood & Plastics 7 Thermal & Moisture Joint Protection Expansion Control Expansion Joint, interior Expansion Joint cover, exterior Total - Thermal & Moisture 9 Finishes Walls Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings ACT, reinstall existing ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 11 45 45 45 45 1 | ea If If If | \$560.00 \$700.00 \$800.00 \$350.00 | \$31,500 \$36,000 \$67,500 \$15,750 |
| Total - Wood & Plastics 7 Thermal & Moisture Joint Protection Expansion Control Expansion Joint, interior Expansion Joint cover, exterior Extension Joint cover, exterior Total - Thermal & Moisture 9 Finishes Walls Exterior paritions Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 45 45 45 | lf lf lf | \$700.00 \$800.00 \$350.00 | \$136,730 \$31,500 \$36,000 \$67,500 \$15,750 |
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| Expansion Joint cover, exterior Total - Thermal & Moisture P Finishes Walls Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings Accustical Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 45 45 1 | lf If Is | \$800.00 \$350.00 | \$36,000 \$67,500 \$15,750 |
| Total - Thermal & Moisture 9 Finishes Walls Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 45 | lf Is | \$350.00 | \$36,000 \$67,500 \$15,750 \$10,000 |
| 9 Finishes Walls Exterior paritions Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings Acoustical Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 1 | ls | | \$15,750 |
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| Exterior framing, and finish patching at CUP seismic joint Interior paritions Patch & repair existing walls as required Patch & repair existing walls as required, at Patient & Restrooms Ceilings Acoustical Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 1 | ls | | |
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| Acoustical Ceilings ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 1,000 | 01 | \$3.00 | \$3,000 |
| ACT, reinstall existing ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | | | | |
| ACT, replacement at Patient Rooms Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | | | | |
| Gypsum Board Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 1 | ls | \$10,000.00 | \$10,000 |
| Hardlid ceiling replacement, at restrooms Tile Ceramic Tile Wall tile, at restrooms | 800 | sf | \$20.00 | \$16,000 |
| Tile Ceramic Tile Wall tile, at restrooms | | | | |
| Ceramic Tile Wall tile, at restrooms | 200 | sf | \$40.00 | \$8,000 |
| Wall tile, at restrooms | | | | |
| | 200 | sf | \$40.00 | \$8,000 |
| Flooring | | • | ÷ | <i>vvvvvvvvvvvvvv</i> |
| Resilient Flooring | | | | |
| Patch & repair flooring as required | 1 | ls | \$5,000.00 | \$5,000 |
| Resilient flooring, at Patient Rooms & Restrooms | 1,000 | sf | \$10.00 | \$10,000 |
| Base | 1,000 | 0. | φ10.00 | \$ 10,000 |
| Resilient integral base, at Patient Rooms & Restrooms | 150 | lf | \$9.00 | \$1,350 |
| Paint | 100 | | φ0.00 | ψ1,000 |
| Interior painting | | | | |
| Miscellaneous paint & touch-up | | | | \$27,500 |
| Paint, at Patient Rooms & Restrooms | 55,000 | sf | \$0.50 | |

Total - Finishes

DETAIL ELEMENTS - SPC-4D UPGRADES

| Element | Quantity | Unit | Unit Cost | Total |
|--|----------|------|-------------------------|-------------------------|
| 10 Specialties | | | | |
| Restroom Specialties Specialties, per restroom | 3 | ea | \$1,000.00 | \$3,000 |
| Total - Specialties | | | | \$3,000 |
| 13 Special Construction | | | | |
| Integrated Construction Sound, Vibration and Seismic Control Cable Bracing, 12'-0" OC, Cross braced, 16'-0" of cable per location (S4/ | 52 | EA | \$2,500.00 | \$129,167 |
| Total - Special Construction | | | | \$129,167 |
| 15 Mechanical | | | | |
| Seismic Bracing Lobby Area - Fire Suppression - Wet / Dry automatic fire suppression system. | 1 | ls | \$35,000.00 | \$35,000 |
| Lobby Area - Mechanical / Plumbing Equipment and Piping - Seismic and Bra | ۲ 1 | ls | \$48,000.00 | \$48,000 |
| Plumbing / Piping Expension Joints Piping, Fittings, Cutting, Joints, Welding, Hangers etc. | 1 | ls | \$350,000.00 | \$350,000 |
| Mechanical misc. items | 1 | ls | \$100,000.00 | \$100,000 |
| Plumbing | 4 0 0 0 | | A 4 F A A | * 4 = 000 |
| Plumbing, miscellaneous, at Patient Rooms & Restrooms HVAC | 1,000 | sf | \$15.00 | \$15,000 |
| HVAC, miscellaneous, at Patient Rooms & Restrooms | 1,000 | sf | \$15.00 | \$15,000 |
| Controls, miscellaneous, at Patient Rooms & Restrooms | 1,000 | sf | \$8.00 | \$8,000 |
| Total - Mechanical | | | | \$571,000 |
| 16 Electrical | | | | |
| Seismic Bracing CUP Expansion Joints for electrical systems, allowance | 1 | ls | \$500,000.00 | \$500,000 |
| Electrical Lighting and electrical adjustments, Patient Rooms & Restrooms | 1,000 | sf | \$25.00 | \$25,000 |
| Total - Electrical | | | | \$525,000 |

Project # 22-01071.00 05/04/23

NPC-4D Upgrades

| SUMMARY - NE | PC-4D UPGRADES | | |
|--------------------------------------|----------------|-------------|-----------|
| Element | | Total | Cost / SF |
| 1 General Requirements (Incl. Below) | | \$475,957 | \$7.71 |
| 2 Sitework | | \$39,975 | \$0.65 |
| 3 Concrete | | | |
| 4 Masonry | | | |
| 5 Metals | | | |
| 6 Wood & Plastics | | | |
| 7 Thermal & Moisture | | | |
| 8 Doors & Windows | | | |
| 9 Finishes | | \$86,100 | \$1.39 |
| 10 Specialties | | | |
| 11 Equipment | | | |
| 12 Furnishings | | | |
| 13 Special Construction | | | |
| 14 Conveying | | | |
| 15 Mechanical | | \$979,860 | \$15.87 |
| 16 Electrical | | \$2,183,031 | \$35.35 |
| Subtotal | | \$3,764,923 | \$60.97 |
| General Conditions | 6 Months | \$506,880 | \$8.2 |
| Subtotal | | \$4,271,803 | \$69.18 |
| Bonds & Insurance | 2.50% | \$106,795 | \$1.73 |
| Subtotal | | \$4,378,598 | \$70.91 |
| Contractor's Fee | 5.00% | \$218,930 | \$3.55 |
| Subtotal | | \$4,597,528 | \$74.45 |
| Design Contingency | 15.00% | \$689,629 | \$11.17 |
| Subtotal | | \$5,287,157 | \$85.62 |
| Construction Contingency | 5.00% | \$264,358 | \$4.28 |
| Subtotal | | \$5,551,515 | \$89.90 |
| Phasing / Overtime / Weekends | 5.00% | \$277,576 | \$4.50 |
| Subtotal | | \$5,829,090 | \$94.40 |
| Escalation to MOC, 11/30/28 | 29.22% | \$1,703,181 | \$27.58 |
| TOTAL ESTIMATED CONSTRUCTION COST | | \$7,532,272 | \$121.98 |

Total Area: 61,750 SF

Prepared by $C\overline{UMMING}$

| DETAIL ELEMENTS - NPC-4D UF | PGRADES | | | |
|--|--------------|----------|--------------------|----------------------|
| Element | Quantity | Unit | Unit Cost | Total |
| 1 General Requirements | | | | |
| General Requirements | 10.0% | | \$3,288,966 | \$328,897 |
| Infection Control | 6 | m00 | \$15,000.00 | \$90,000 |
| Temporary walls, visqueen barriers, negative air - materials & maintanence Temporary Construction | 0 | mos | \$15,000.00 | \$90,000 |
| Existing wall and floor protection | 12,300 | sf | \$0.20 | \$2,460 |
| Cleaning and Mainteance | | | | |
| Progress Cleaning | 6 | mos | \$5,000.00 | \$30,000 |
| Final Clean | 12,300 | sf | \$2.00 | \$24,600 |
| Total - General Requirements | | | | \$475,957 |
| 2 Existing Conditions | | | | |
| General Demolition | | | | |
| Remove ceilings as necessary for access | 12,300 | sf | \$3.00 | \$36,900 |
| Remove walls as necessary for access | 12,300 | sf | \$0.25 | \$3,075 |
| Total - Sitework | | | | \$39,975 |
| 9 Finishes | | | | |
| Walls | | | | |
| Patch & Repair walls as necessary | 12,300 | sf | \$1.00 | \$12,300 |
| Ceilings | (| | • / • • | * / • • • • • |
| Patch & Repair ceilings as necessary | 12,300 | sf | \$4.00 | \$49,200 |
| Paint Paint, touch-up etc., at ceilings and walls | 12,300 | sf | \$2.00 | \$24,600 |
| Total - Finishes | | | | \$86,100 |
| 15 Mechanical | | | | |
| Fire Suppression - Wet / Dry automatic fire suppression system. | 12,300 | sf | \$8.20 | \$100,860 |
| Mechanical / Plumbing Equipment and Piping - Seismic and Bracing | 12,300 | sf | \$6.50 | \$79,950 |
| Plumbing pipings, fixtures, Rough-ins and Mechanical Ducting, GRDs, Veni | lations | | | |
| Medical Storage Spaces | 200 | sf | \$35.00 | \$7,000 |
| Linen (Clean Supply) | 1,500 | sf | \$55.60 | \$83,400 |
| CCU/ICU | 1,100 | sf | \$52.00 | \$57,200 |
| Electrical/ Telcom Spaces | 100 | sf | \$28.00 | \$2,800 |
| Pharmacy Machanical Support Spaces | 1,300 | sf | \$56.40 \$28.60 | \$73,320 \$5,720 |
| Mechanical Support Spaces Imaging Department | 200 1,200 | sf sf | \$28.60 \$39.20 | \$5,720 \$47,040 |
| Surgery Department | 1,200 | si | \$39.20 \$32.70 | \$47,040 \$52,320 |
| Mechanical Support Spaces | 2,000 | sf | \$48.00 | \$96,000 |
| moonamour oupport opaooo | 2,000 | 01 | ψ-τ0.00 | ψ00,000 |

| DETAIL ELEMENTS - NPC-4D UPGRADES | | | | |
|--|--|--|--|--|
| ement | Quantity | Unit | Unit Cost | Total |
| Electrical/ Telcom Spaces | 200 | sf | \$33.00 | \$6,60 |
| Electrical/ Telcom Spaces | 200 | sf | \$33.00 | \$6,60 |
| Linen (Clean Supply) | 200 | sf | \$33.00 | \$6,60 |
| Emergency Department | 2,300 | sf | \$54.00 | \$124,20 |
| Clinic Lab | 1,500 | sf | \$51.00 | \$76,50 |
| Mechanical misc. items | 12,300 | sf | \$12.50 | \$153,75 |
| Total - Mechanical | | | | \$979,86 |
| | | | | \$919,00 |
| Electrical | | | | \$979,00 |
| | | | | 4979,00 |
| Electrical | 12,300 | sf | \$25.00 | |
| Electrical Electrical Seismic Upgrades | 12,300 12,300 | sf sf | \$25.00 \$12.00 | \$307,50 \$147,60 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance | 12,300 12,300 | sf sf | \$12.00 \$9.00 | \$307,50 \$147,60 \$110,70 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access | 12,300 | sf | \$12.00 | \$307,50 \$147,60 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades | 12,300 12,300 | sf sf | \$12.00 \$9.00 | \$307,50 \$147,60 \$110,70 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades | 12,300 12,300 12,300 | sf sf sf | \$12.00 \$9.00 \$16.00 | \$307,50 \$147,60 \$110,70 \$196,80 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades Central plant up grades seismic only | 12,300 12,300 12,300 2,000 | sf sf sf sf | \$12.00 \$9.00 \$16.00 \$25.00 | \$307,50 \$147,60 \$110,70 \$196,80 \$50,00 |
| Electrical Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades Central plant up grades seismic only Misc. telecom and elect room upgrades | 12,300 12,300 12,300 2,000 500 | sf sf sf sf sf | \$12.00 \$9.00 \$16.00 \$25.00 \$65.00 | \$307,50 \$147,60 \$110,70 \$196,80 \$50,00 \$32,50 |
| Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades Central plant up grades seismic only Misc. telecom and elect room upgrades Re work Low voltage systems in ceiling for up grades and access | 12,300 12,300 12,300 2,000 500 12,300 | sf sf sf sf sf sf | \$12.00 \$9.00 \$16.00 \$25.00 \$65.00 \$40.00 | \$307,500 \$147,600 \$110,700 \$196,800 \$50,000 \$32,500 \$492,000 |
| Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades Central plant up grades seismic only Misc. telecom and elect room upgrades Re work Low voltage systems in ceiling for up grades and access Misc. electrical removal and replacement | 12,300 12,300 12,300 2,000 500 12,300 12,300 | sf sf sf sf sf sf sf | \$12.00 \$9.00 \$16.00 \$25.00 \$65.00 \$40.00 \$20.00 | \$307,50 \$147,60 \$110,70 \$196,80 \$50,00 \$32,50 \$492,00 \$246,00 |
| Electrical Seismic Upgrades OSHPD upgrades misc.with code up grade allowance Remove lighting in ceilings for upgrade access Re work lighting for seismic upgrades Rework conduit for supports and seismic upgrades Central plant up grades seismic only Misc. telecom and elect room upgrades Re work Low voltage systems in ceiling for up grades and access Misc. electrical removal and replacement Overtime allowance | 12,300 12,300 12,300 2,000 500 12,300 12,300 | sf sf sf sf sf sf sf | \$12.00 \$9.00 \$16.00 \$25.00 \$65.00 \$40.00 \$20.00 | \$307,50 \$147,60 \$110,70 \$196,80 \$50,00 \$32,50 \$492,00 \$246,00 |

Total - Electrical

\$2,183,031