

**WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2**

BID DATE: January 30th, 2023

ESTIMATE NUMBER:	22093

BASE BID PACKAGE		Sheet Link	ECCO TOTALS		
SPEC	ESTIMATE DESCRIPTION		ECCO HOURS	SECTION TOTALS	
010000	General Requirements	<a href="#">▶</a>		\$ 525,000	8.35%
030000	Concrete	<a href="#">1</a>	0.00	\$ 166,656	
040000	Masonry	<a href="#">2</a>	0.00	\$ 72,813	
050000	Metals	<a href="#">3</a>	0.00	\$ 20,801	
060000	Wood, Plastics, and Composites	<a href="#">4</a>	1,461.29	\$ 346,061	
070000	Thermal and Moisture Protection	<a href="#">5</a>	0.00	\$ 208,726	
080000	Openings	<a href="#">6</a>	0.00	\$ 171,108	
090000	Finishes	<a href="#">7</a>	0.00	\$ 252,461	
100000	Specialties	<a href="#">8</a>	0.00	\$ 35,405	
110000	Equipment	<a href="#">9</a>	0.00	\$ 27,095	
120000	Furnishings	<a href="#">10</a>	0.00	\$ 6,754	
210000	Fire Suppression	<a href="#">11</a>	0.00	\$ 89,977	
220000	Plumbing	<a href="#">12</a>	0.00	\$ 133,271	
230000	Heating, Ventilating, and Air-Conditioning (HVAC)	<a href="#">13</a>	0.00	\$ 283,691	
260000	Electrical	<a href="#">14</a>	0.00	\$ 426,809	
310000	Earthwork	<a href="#">15</a>	0.00	\$ 359,588	
320000	Exterior Improvements	<a href="#">16</a>	0.00	\$ 1,911,961	
330000	Utilities	<a href="#">17</a>	0.00	\$ 604,300	
	Design / Construction Contingency (15%)	<a href="#">▶</a>		\$ 846,371	
	Escalation - ( Q1 - 2024 ) @ 5%			\$ 324,442	
<b>TOTAL ESTIMATE</b>			<b>1,461</b>	<b>\$ 6,813,288</b>	

Contractor's Fee	3.25%	\$ 221,432
	<b>SUB TOTAL</b>	<b>\$ 7,034,720</b>
Liability Insurance	0.65%	\$ 45,726
	<b>SUB TOTAL</b>	<b>\$ 7,080,446</b>
Builder's Risk Insurance	0.30%	\$ 21,241
	<b>SUB TOTAL</b>	<b>\$ 7,101,687</b>
Performance & Payment Bond	0.68%	\$ 48,079
	<b>SUB TOTAL</b>	<b>\$ 7,149,766</b>
Warranty Bond	0.00%	\$ -
	<b>SUB TOTAL</b>	<b>\$ 7,149,766</b>
Corporate Activity Tax	0.57%	\$ 40,754

<b>TOTAL ESTIMATE</b>	<b>\$ 7,190,520</b>	5.54%
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	Cost of Work (COW)		GC		TOTAL COW		Soft Cost		TOTAL
Construction	\$ 2,166,626	\$	180,888	\$	2,347,514	\$	129,975	\$	2,477,489
Site Improvements	\$ 1,959,349	\$	163,583	\$	2,122,932	\$	117,541	\$	2,240,473
Equipment	\$ 102,500	\$	8,558	\$	111,058	\$	6,149	\$	117,207
Other Costs	\$ 889,000	\$	74,221	\$	963,221	\$	53,331	\$	1,016,552
Contingencies	\$ 1,170,813	\$	97,750	\$	1,268,563	\$	70,237	\$	1,338,800
	<b>\$ 6,288,288</b>	<b>\$</b>	<b>525,000</b>	<b>\$</b>	<b>6,813,288</b>	<b>\$</b>	<b>377,232</b>	<b>\$</b>	<b>7,190,520</b>

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ECCO RUN DATE:	01/30/23
EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>030000</b>	<b>Concrete</b>								
	<b>Concrete</b>								
	Continuous footings - 2' x 1'	35	cy	-	\$ -	\$ -	\$ 625.00	\$ 21,875	\$ 21,875
	Slab-on-grade - 6" w/ reinforcing steel	5,910	sf	-	\$ -	\$ -	\$ 15.00	\$ 88,650	\$ 88,650
	Precast concrete sill	575	lf	-	\$ -	\$ -	\$ 45.00	\$ 25,875	\$ 25,875
	Pier Footings for Training Tower	12	ea	-	\$ -	\$ -	\$ 2,000.00	\$ 24,000	\$ 24,000
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	Small tools & equipment	0	hrs				\$ 8.05	\$ -	\$ -
<b>Total Concrete</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$ 160,400</b>	<b>\$ 160,400</b>	

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BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>040000</b>	<b>Masonry</b>								
	<b>Masonry</b>								
	- CMU standard-faced @ north wall	495	sf	-	\$ -	\$ -	\$ 15.50	\$ 7,673	\$ 7,673
	- CMU split-faced lower wall	1,012	sf	-	\$ -	\$ -	\$ 18.50	\$ 18,722	\$ 18,722
	- CMU ground-faced upper wall	1,899	sf	-	\$ -	\$ -	\$ 23.00	\$ 43,686	\$ 43,686
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	Small tools & equipment	0	hrs				\$ 8.05	\$ -	\$ -
<b>Total Masonry</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$</b>	<b>70,080</b>	<b>\$ 70,080</b>

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EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>050000</b>	<b>Metals</b>								
	<b>Metals</b>								
	- Entry canopies - 12' x 4' - 2 ea	96	sf	-	-	-	\$ 95.00	\$ 9,120	\$ 9,120
	- Ladder to mezzanine	1	ea	-	-	-	\$ 2,500.00	\$ 2,500	\$ 2,500
	- Pipe railings @ mezzanine	48	lf	-	-	-	\$ 175.00	\$ 8,400	\$ 8,400
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	Small tools & equipment	0	hrs	-	-	-	\$ 8.05	\$	\$
<b>Total Metals</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$</b>	<b>20,020</b>	<b>\$ 20,020</b>

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<b>EST. LABOR RATE:</b>	<b>\$ 75.00</b>

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>060000 Wood, Plastics, and Composites</b>									
<b>Wood, Plastics, and Composites</b>									
	- Ext. wood stud wall framing - 2 x 4 - 400 lf (~16'h )	6,164	bm	0.08	493	\$ 36,984	\$ 2.00	\$ 12,328	\$ 49,312
	- Int. wood stud wall framing - 2 x 6 - 500 lf (~16'h )	11,500	bm	0.08	920	\$ 69,000	\$ 2.00	\$ 23,000	\$ 92,000
	- Mezzanine joist framing	563	bm	0.06	34	\$ 2,533	\$ 1.75	\$ 985	\$ 3,518
	- Mezzanine floor plywood	360	sf	0.04	14	\$ 1,080	\$ 1.80	\$ 648	\$ 1,728
	- Roof framing	5,910	bm	0.00	-	\$ -	\$ 20.00	\$ 118,200	\$ 118,200
	- Casework	120	lf	0.00	-	\$ -	\$ 450.00	\$ 54,000	\$ 54,000
	- FRP/wainscoat in weight room	170	sf	0.00	-	\$ -	\$ 15.00	\$ 2,550	\$ 2,550
	Small tools & equipment	1,461	hrs			\$ -	\$ 8.05	\$ 11,763	\$ 11,763
<b>Total Wood, Plastics, and Composites</b>					<b>1461.3</b>	<b>\$ 109,597</b>	<b>\$ 223,474</b>	<b>\$ 333,071</b>	

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BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/L	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>070000 Thermal and Moisture Protection</b>									
<b>Thermal and Moisture Protection</b>									
	Waterproofing	1,200	sf	-	-	-	\$ 3.25	\$ 3,900	\$ 3,900
	Below grade rigid insulation	1,200	sf	-	-	-	\$ 2.75	\$ 3,300	\$ 3,300
	Joint sealants	5,910	sf	-	-	-	\$ 2.25	\$ 13,298	\$ 13,298
	Flush metal panel siding w/ wrb & rigid insulation	1,031	sf	-	-	-	\$ 70.00	\$ 72,170	\$ 72,170
	Standing seam metal roofing w/rigid insulation	5,910	sf	-	-	-	\$ 12.00	\$ 70,920	\$ 70,920
	Sheet metal flashing & trim	5,910	sf	-	-	-	\$ 2.00	\$ 11,820	\$ 11,820
	Exterior wall insulation - R13	3,840	sf	-	-	-	\$ 2.25	\$ 8,640	\$ 8,640
	Roof insulation - R19	5,910	sf	-	-	-	\$ 2.85	\$ 16,844	\$ 16,844
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	Small tools & equipment	0	hrs	-	-	-	\$ 8.05	\$ -	\$ -
<b>Total Thermal and Moisture Protection</b>				<b>0.0</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 200,891</b>	<b>\$ 200,891</b>	<b>\$ 200,891</b>

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BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>080000</b>	<b>Openings</b>								
	<b>Openings</b>								
	Wood doors / hm frames 30-70	26	ea	-	-	-	\$ 1,350.00	\$ 35,100	\$ 35,100
	HM doors / hm frames 30-70	4	ea	-	-	-	\$ 1,650.00	\$ 6,600	\$ 6,600
	Overhead sectional doors - 12' x 12'	4	ea	-	-	-	\$ 17,500.00	\$ 70,000	\$ 70,000
	Overhead sectional doors - 8' x 12'	1	ea	-	-	-	\$ 15,000.00	\$ 15,000	\$ 15,000
	Aluminum storefront door	1	ea	-	-	-	\$ 2,500.00	\$ 2,500	\$ 2,500
	Aluminum storefront framing & glazing	108	sf	-	-	-	\$ 105.00	\$ 11,340	\$ 11,340
	Vinyl windows	439	sf	-	-	-	\$ 55.00	\$ 24,145	\$ 24,145
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	Small tools & equipment	0	hrs	-	-	-	\$ 8.05	-	-
<b>Total Openings</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$ 164,685</b>	<b>\$ 164,685</b>	

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EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
090000	<b>Finishes</b>								
	<b>Finishes</b>								
	Interior walls - Drywall	13,152	sf	-	-	-	\$ 6.50	\$ 85,488	\$ 85,488
	Exterior walls - Drywall	4,832	sf	-	-	-	\$ 5.50	\$ 26,576	\$ 26,576
	Ceilings - Drywall	360	sf	-	-	-	\$ 9.25	\$ 3,330	\$ 3,330
	Ceilings - Acoustical tile	5,541	sf	-	-	-	\$ 4.75	\$ 26,320	\$ 26,320
	Tile	349	sf	-	-	-	\$ 24.50	\$ 8,551	\$ 8,551
	Carpet	1,416	sf	-	-	-	\$ 8.00	\$ 11,328	\$ 11,328
	Walk off Mat	300	sf	-	-	-	\$ 19.50	\$ 5,850	\$ 5,850
	Polished Concrete	2,882	sf	-	-	-	\$ 6.75	\$ 19,454	\$ 19,454
	Resilient Flooring	985	sf	-	-	-	\$ 5.50	\$ 5,418	\$ 5,418
	Painting	18,344	sf	-	-	-	\$ 2.05	\$ 37,605	\$ 37,605
	- Doors & Frames Painting	26	ea	-	-	-	\$ 175.00	\$ 4,550	\$ 4,550
	- Water repellant / anti-graffiti @ CMU	3,406	sf	-	-	-	\$ 2.50	\$ 8,516	\$ 8,516
				-	-	-	\$	-	\$
				-	-	-	\$	-	\$
	Small tools & equipment	0	hrs	-	-	-	\$ 8.05	\$	\$
<b>Total Finishes</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$</b>	<b>242,984</b>	<b>\$ 242,984</b>



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EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/L	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>100000 Specialties</b>									
<b>Specialties</b>									
	Visual Display Surfaces	1	LS	-	\$	-	\$ 1,500.00	\$ 1,500	\$ 1,500
	Wall & Corner Protection	1	LS	-	\$	-	\$ 750.00	\$ 750	\$ 750
	Toilet Paper Dispenser	5	EA	-	\$	-	\$ 65.00	\$ 325	\$ 325
	Soap Dispenser	6	EA	-	\$	-	\$ 45.00	\$ 270	\$ 270
	Lockers @ Turnout - Geargrid	32	EA	-	\$	-	\$ 750.00	\$ 24,000	\$ 24,000
	Paper Towel Dispenser	6	EA	-	\$	-	\$ 85.00	\$ 510	\$ 510
	42" Grab Bar	5	EA	-	\$	-	\$ 145.00	\$ 725	\$ 725
	36" Grab Bar	5	EA	-	\$	-	\$ 145.00	\$ 725	\$ 725
	42"x30"Mirror	6	EA	-	\$	-	\$ 200.00	\$ 1,200	\$ 1,200
	Sanitary Napkin Disposal	5	EA	-	\$	-	\$ 30.00	\$ 150	\$ 150
	Building signage	1	LS	-	\$	-	\$ 3,750.00	\$ 3,750	\$ 3,750
	FEC	4	EA	-	\$	-	\$ 375.00	\$ 1,500	\$ 1,500
				-	\$	-		\$	-
				-	\$	-		\$	-
	Small tools & equipment	0	hrs				\$ 8.05	\$	\$
<b>Total Specialties</b>				<b>0.0</b>	<b>\$</b>	<b>-</b>	<b>\$ 35,405</b>	<b>\$ 35,405</b>	<b>\$ 35,405</b>

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SPEC	DESCRIPTION	QTY/L	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
110000	<b>Equipment</b>								
	<b>Equipment</b>								
	Fume hood	1	EA	-	-	\$ 895.00	\$ 895	\$ 895	\$ 895
	Stackable Washer and Dryer	1	EA	-	-	\$ 3,000.00	\$ 3,000	\$ 3,000	\$ 3,000
	Washer	1	EA	-	-	\$ 1,500.00	\$ 1,500	\$ 1,500	\$ 1,500
	Dryer	1	EA	-	-	\$ 1,500.00	\$ 1,500	\$ 1,500	\$ 1,500
	Dishwasher	1	EA	-	-	\$ 1,200.00	\$ 1,200	\$ 1,200	\$ 1,200
	Microwave	1	EA	-	-	\$ 500.00	\$ 500	\$ 500	\$ 500
	Refrigerator	4	EA	-	-	\$ 2,500.00	\$ 10,000	\$ 10,000	\$ 10,000
	Freezers	4	EA	-	-	\$ 1,500.00	\$ 6,000	\$ 6,000	\$ 6,000
	Oven / range	1	EA	-	-	\$ 2,500.00	\$ 2,500	\$ 2,500	\$ 2,500
				-	-	\$ -	\$ -	\$ -	\$ -
	Small tools & equipment	0	hrs			\$ 8.05	\$ -	\$ -	\$ -
<b>Total Equipment</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$ 27,095</b>	<b>\$ 27,095</b>	<b>\$ 27,095</b>

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SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>120000</b>	<b>Furnishings</b>								
	<b>Furnishings</b>								
	Blackout Blinds	5	EA	-	-	-	\$ 500.00	\$ 2,500	\$ 2,500
	Standard Blinds	10	EA	-	-	-	\$ 400.00	\$ 4,000	\$ 4,000
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<b>Total Furnishings</b>				<b>0.0</b>		<b>\$ -</b>	<b>\$ 6,500</b>	<b>\$ 6,500</b>	<b>\$ 6,500</b>

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BASE BID PACKAGE	ESTIMATE	LABOR			MATERIALS		TOTAL		
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>210000</b>	<b>Fire Suppression</b>								
<b>Fire Suppression</b>									
	- Fire sprinklers	5,910	sf	-	-	-	\$ 10.00	\$ 59,100	\$ 59,100
	- Fire pump	1	ea	-	-	-	\$ 27,500	\$ 27,500	\$ 27,500
	- Above-ground fire water supply tank	15,000	gal	-	-	-	\$ 5.00	\$ 75,000	\$ -
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	Small tools & equipment	0	hrs				\$ 8.05	\$ -	\$ -
<b>Total Fire Suppression</b>				<b>0.0</b>	<b>\$ -</b>		<b>\$ 161,600</b>	<b>\$ 86,600</b>	

Included in Div 32

WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2

BID DATE: January 30th, 2023

ESTIMATE NUMBER:	22093
ECCO RUN DATE:	01/30/23
EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>220000</b>	<b>Plumbing</b>								
	<b>Plumbing</b>								
	- Plumbing fixtures - 21 ea (10% for D/B)	5,910	sf	-	-	\$ -	\$ 22.55	\$ 133,271	\$ 133,271
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	Small tools & equipment	0	hrs			\$ -	\$ 8.05	\$ -	\$ -
<b>Total Plumbing</b>					<b>0.0</b>	<b>\$ -</b>	<b>\$ 133,271</b>	<b>\$ 133,271</b>	<b>\$ 133,271</b>

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<b>ESTIMATE NUMBER:</b>	<b>22093</b>
<b>ECCO RUN DATE:</b>	<b>01/30/23</b>
<b>EST. LABOR RATE:</b>	<b>\$ 75.00</b>

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>230000 Heating, Ventilating, and Air-Conditioning (HVAC)</b>									
<b>Heating, Ventilating, and Air-Conditioning (HVAC)</b>									
	- HVAC (10% for D/B)	5,910	sf	-	\$ -	-	\$ 46.20	\$ 273,042	\$ 273,042
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	Small tools & equipment	0	hrs	-	-	-	\$ 8.05	\$ -	\$ -
<b>Total Heating, Ventilating, and Air-Conditioning (HVAC)</b>				<b>0.0</b>	<b>\$ -</b>	<b>-</b>	<b>\$ 273,042</b>	<b>\$ 273,042</b>	<b>\$ 273,042</b>

**WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2**

BID DATE: January 30th, 2023

<b>ESTIMATE NUMBER:</b>	<b>22093</b>
<b>ECCO RUN DATE:</b>	<b>01/30/23</b>
<b>EST. LABOR RATE:</b>	<b>\$ 75.00</b>

BASE BID PACKAGE	ESTIMATE	LABOR	MATERIALS	TOTAL
SPEC DESCRIPTION	QTY/L F UNIT	PROD. RATE LABOR HOURS	MATERIAL PRICE MATERIAL TOTAL	TOTAL COSTS

**260000 Electrical**

**Electrical**

Electrical / Communications / Safety / Tapout (10% for D/B)	5,910	sf	-	\$ -	\$ 42.35	\$ 250,289	\$ 250,289
Emergency back-up generator ( full load )	1	ea	-	\$ -	\$ 75,000	\$ 75,000	\$ 75,000
Site Lighting Fixtures	13	ea	-	\$ -	\$ 3,500.00	\$ 45,500	\$ 45,500
Site Electrical - Pumphouse / Lighting / Fuel Tank	1	ls	-	\$ -	\$ 40,000.00	\$ 40,000	\$ 40,000
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0	hrs				\$ 8.05	\$ -	\$ -

<b>Total Electrical</b>			<b>0.0</b>	<b>\$ -</b>	<b>\$ 410,789</b>	<b>\$ 410,789</b>
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**WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2**

BID DATE: January 30th, 2023

ESTIMATE NUMBER:	22093
ECCO RUN DATE:	01/30/23
EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>310000</b>	<b>Earthwork</b>								
	<b>Earthwork</b>								
	Prep / clear site	215,000	SF	-	-	-	\$ 0.15	\$ 32,250	\$ 32,250
	Structural excavation @ footings and slab	236	CY	-	-	-	\$ 37.50	\$ 8,850	\$ 8,850
	Import & grade rock for building pad	158	CY	-	-	-	\$ 55.00	\$ 8,697	\$ 8,697
	Structural ex/ subgrade @ concrete/ a.c. paving	2,864	CY	-	-	-	\$ 37.50	\$ 107,400	\$ 107,400
	Import & grade rock for concrete/ a.c. paving	1,919	CY	-	-	-	\$ 55.00	\$ 105,545	\$ 105,545
	Rough grade balance of site	93,744	SF	-	-	-	\$ 0.25	\$ 23,436	\$ 23,436
	Site surveying & engineering	215,000	SF	-	-	-	\$ 0.15	\$ 32,250	\$ 32,250
	Road Shoulders (2' wide)	3,902	SF	-	-	-	\$ 4.00	\$ 15,608	\$ 15,608
	Culverts / Regrade Drainage	12,776	SF	-	-	-	\$ 2.00	\$ 25,552	\$ 25,552
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				-	-	-	\$	-	-
		0	hrs	-	-	-	\$ 8.05	\$	\$
<b>Total Earthwork</b>					<b>0.0</b>	<b>\$ -</b>		<b>\$ 359,588</b>	<b>\$ 359,588</b>



### WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2

BID DATE: January 30th, 2023

<b>ESTIMATE NUMBER:</b>	<b>22093</b>
<b>ECCO RUN DATE:</b>	<b>01/30/23</b>
<b>EST. LABOR RATE:</b>	<b>\$ 75.00</b>

BASE BID PACKAGE		ESTIMATE	LABOR			MATERIALS		TOTAL	
SPEC	DESCRIPTION	QTY/LF	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>320000</b>	<b>Exterior Improvements</b>								
	<b>Exterior Improvements</b>								
	Concrete Training Pad - 6"	45,490	SF	-	-	-	\$ 10.00	\$ 454,900	\$ 454,900
	Concrete Apron - 6"	5,423	SF	-	-	-	\$ 10.00	\$ 54,230	\$ 54,230
	Asphalt	12,594	SF	-	-	-	\$ 3.75	\$ 47,228	\$ 47,228
	Storm Water Drainage Facility	39,982	SF	-	-	-	\$ 1.75	\$ 69,969	\$ 69,969
	Landscaping	93,457	SF	-	-	-	\$ 1.25	\$ 116,821	\$ 116,821
	Wellhead and Pumphouse 15 x 15	235	SF	-	-	-	\$ 225.00	\$ 52,875	\$ 52,875
	Flag Pole	1	EA	-	-	-	\$ 8,500.00	\$ 8,500	\$ 8,500
	Monument Sign	1	LS	-	-	-	\$ 2,500.00	\$ 2,500	\$ 2,500
	Concrete Sidewalk	987	SF	-	-	-	\$ 7.50	\$ 7,403	\$ 7,403
	Standard curb	1,029	LF	-	-	-	\$ 18.50	\$ 19,037	\$ 19,037
	Pavement Markings	1	LS	-	-	-	\$ 1,250.00	\$ 1,250	\$ 1,250
	Parking Bumpers	18	EA	-	-	-	\$ 250.00	\$ 4,500	\$ 4,500
	Bollards	6	EA	-	-	-	\$ 925.00	\$ 5,550	\$ 5,550
	Training Tower (48'x22')	1	EA	-	-	-	\$ 889,000.00	\$ 889,000	\$ 889,000
	Perimeter Fencing	1,507	LF	-	-	-	\$ 100.00	\$ 150,700	\$ 150,700
	2000 Gal. Above Ground Fuel Tank	1	EA	-	-	-	\$ 27,500.00	\$ 27,500	\$ 27,500
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		0	hrs	-	-	-	\$ 8.05	\$ -	\$ -
<b>Total Exterior Improvements</b>				<b>0.0</b>	<b>\$ -</b>		<b>\$ 1,911,961</b>	<b>\$ 1,911,961</b>	<b>\$ 1,911,961</b>

**WOODBURN FIRE DEPARTMENT STATION 23 - OPTION # 2**

BID DATE: January 30th, 2023

ESTIMATE NUMBER:	22093
ECCO RUN DATE:	01/30/23
EST. LABOR RATE:	\$ 75.00

BASE BID PACKAGE		ESTIMATE		LABOR			MATERIALS		TOTAL
SPEC	DESCRIPTION	QTY/L	UNIT	PROD. RATE	LABOR HOURS	TOTAL	MATERIAL PRICE	MATERIAL TOTAL	TOTAL COSTS
<b>330000 Utilities</b>									
<b>Utilities</b>									
				-		\$ -		\$ -	\$ -
	- Water distribution	350	lf	-		\$ -	\$ 125.00	\$ 43,750	\$ 43,750
	- Sanitary main line to drain field	120	lf	-		\$ -	\$ 110.00	\$ 13,200	\$ 13,200
	- Septic drain tank & field	540	lf	-		\$ -	\$ 65.00	\$ 35,100	\$ 35,100
	- Storm water distribution			-		\$ -		\$ -	\$ -
	- catch basins	8	ea	-		\$ -	\$ 3,500.00	\$ 28,000	\$ 28,000
	- storm pipe	1,000	lf	-		\$ -	\$ 95.00	\$ 95,000	\$ 95,000
	Well Drilling	1	ls	-		\$ -	\$ 89,000.00	\$ 89,000	\$ 89,000
	Well Pumps	2	ea	-		\$ -	\$ 5,000.00	\$ 10,000	\$ 10,000
	Well Treatment Skid	1	ea	-		\$ -	\$ 5,000.00	\$ 5,000	\$ 5,000
	30000 gallon cistern - furnish	1	ea	-		\$ -	\$ 75,000.00	\$ 75,000	\$ 75,000
	30000 gallon cistern - install	2	ea	-		\$ -	\$ 15,000.00	\$ 30,000	\$ 30,000
	Cistern distribution pump w /electrical	2	ea	-		\$ -	\$ 20,000.00	\$ 40,000	\$ 40,000
	Drafting Accessories	1	ea	-		\$ -	\$ 10,000.00	\$ 10,000	\$ 10,000
	Hydrant loop (6")	925	lf	-		\$ -	\$ 130.00	\$ 120,250	\$ 120,250
	Site hydrants	5	ea	-		\$ -	\$ 2,000.00	\$ 10,000	\$ 10,000
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				-		\$ -		\$ -	\$ -
				-		\$ -		\$ -	\$ -
	Small Tools & Equipment	0	hrs				\$ 8.05	\$ -	\$ -
<b>Total Utilities</b>				<b>0.0</b>		<b>\$ -</b>		<b>\$ 604,300</b>	<b>\$ 604,300</b>



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**Memo – Estimated A/E Fees**

**Project:** 22022 Woodburn-Gervais Fire Station  
**Date:** February 9th, 2023  
**To:** Fire Chief Joe Budge (WGFD)  
**CC:** Jordan Fell (ECC), Jeff Erwin (OWS), Gary Hartill (OWS)  
**Author:** ORANGEWALLstudios

**A/E Fee Estimate : Woodburn-Gervais Fire Station with CERT wing**

See attached appendix documents for scoping reference:  
2023\_0130 – Woodburn-Gervais Fire Station – CERT Option.pdf  
2023\_0209 – Woodburn-Gervais Fire Station – Site Diagram.pdf

The fee estimates listed below are based on a Construction Budget provided by Emerick Construction Co., dated January 30<sup>th</sup>, 2023. Estimated fees are broken down by design phase and fee per consultant.

- 1. Pre-Design
  - a. Architectural : \$7,300
  - b. Civil : \$3,750
  
- 2. Site Planning / Concept
  - a. Architectural : \$7,300
  - b. Civil : \$3,750
  
- 3. Schematic Design
  - a. Architectural : \$14,600
  - b. Civil : \$7,500
  - c. Structural : \$10,000
  - d. MEPF : \$23,000
  - e. Landscape : \$2,500
  
- 4. Design Development
  - a. Architectural : \$29,200
  - b. Civil : \$15,000
  - c. Structural : \$10,000
  - d. MEPF : \$28,750
  - e. Landscape : \$2,500



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- 5. Construction Documents
  - a. Architectural : \$43,800
  - b. Civil : \$22,500
  - c. Structural : \$10,000
  - d. MEPF : \$34,500
  - e. Landscape : \$3,300

- 6. Bidding / Permitting
  - a. Architectural : \$4,000
  - b. Civil : \$7,500
  - c. Structural : \$2,000
  - d. MEPF : \$5,750
  - e. Landscape : \$500

- 7. Construction Administration (9-month construction duration assumed)
  - a. Architectural : \$29,200
  - b. Civil : \$15,000
  - c. Structural : \$8,000
  - d. MEPF : \$23,000
  - e. Landscape : \$1,000

Subtotal :

Architectural :	\$146,000
Consultant Markup :	\$24,000
Civil :	\$75,000
Structural :	\$40,000
MEPF :	\$100,000
Fire Pump Design :	\$15,000
Landscape :	\$10,000

**Total : \$410,000**

Once funding has been secured, the estimates above will be refined based on clarified scope expectations. Feel free to reach out with any questions.

*End of Memo*