COST SUMMARY

PROJECT COSTING SUMMARY						
PROJECT GENERAL INFORMATION						
#	**DESCRIPTION**		[redacted]		**CALCULATIONS**	
1	**Date:**	7/25/2024	Hours	430.00	Additional Hours	32
2	**Title of Project:**	OSFS GYM / OFFICE	Material cost	$ 15,000.00	20% factor + slab bonding	104
3	**Contractor**	[redacted]	$9.5 Factor	$ 32,822.50	Total Hours	568
4	**Address**	[redacted]	Electric Serv size	400A	Total Days (8hr, 2men)	36
5	**City**	[redacted]	# AC	2	Rough	364
6	**Sqft, under AC**	[redacted]	# exhaust fan	2	Trim	148
			# recessed lights		Hot Check	29
					Fixture/ Punchout	29
LABOR [redacted]						
No.	**Description**	**Qty**	**Rate/hr.**		**Hrs in job**	**Total**
1	Electricans	2	$ 45.00		284	$ 25,560.00
					Sub total	$ 25,560.00
					Burden/Admin 5%	$ 1,278.00
					TIME SHEET LABOUR (APPROX.)	**$ 26,838.00**
EQUIPMENT						
No.	**Description**	**Qty**	**Unit**	**Daily Rate**	**Duration (days)**	**Total**
1	Travel Hours	1	Hrs/ day	$ 45.00	36.00	$ 1,620.00
	Scaffold/ Lift	1				$ 1,500.00
					TOTAL EQUIPMENT COST	**$ 3,120.00**
MATERIAL SUPPLY						
No.	**Description**		**Qty**	**Purchase Cost**		**Total Cost**
1	[redacted] Material Cost		1	$ 15,000.00		$ 15,000.00
				Sales tax		$ 1,050.00
					TOTAL MATERIAL COST	**$ 16,050.00**
ADDITIONAL SCOPE OR SUBCONTRACTOR						
No.	**Description**	**Qty**	**Rate**	**Hrs/ Day**	**Hrs in job**	**Total Cost**
	Final Punch				32	
				TOTAL	**32**	**$ -**
PROJECT MARKUP COST SUMMARY						
No.	**Description**	**Section Total $**	**O/H**	**PROFIT**	**WASTE FACTOR**	**Cost to Client**
1	**LABOR**	**$ 26,838.00**	10.0%	15.00%	5.00%	$ 34,900.00
2	**EQUIPMENT**	**$ 3,120.00**	10.0%	15.00%	5.00%	$ 4,100.00
3	**MATERIAL SUPPLY**	**$ 16,050.00**	10.0%	15.00%	5.00%	$ 20,900.00
4	**ADD SCOPE**	**$ -**	10.0%	15.00%	5.00%	$ -
			$4,700.00	$7,000.00	$2,400.00	
					TOTAL COST TO CLIENT	**$ 59,900.00**
					[redacted]	**$ 53,108.00**
					ESTIMATED RETURN ON INVESTMENT	**$ 6,792.00**

SAMPLE ESTIMATE SUMMARY

[redacted]

Estimate Summary

Bid#: [redacted]
Estimator: [redacted]

Date/Time: 7/25/2024 12:37:19 PM
Summary: TOTAL PROJECT

Description	Material Cost	Labor Hours
Electrical	12,236.44	272.78
Lighting	2,728.00	149.48
Subtotal	14,964.44	422.26
Total Estimated Labor		422.26
Labor Rate (Avg)	45.00	19,001.70

SUBCONTRACTS

Description	Amount
Total SubContracts	0.00

DIRECT JOB EXPENSE

Description	Amount
Total Expense	0.00

ADDITIONAL MATERIAL

Description	Amount
Total Additional Material	0.00

ESTIMATE CONSTANTS

SQ. FT.	0.00

OTHER LABOR

Description	Hours	Rate	Ext	%Labor
Total Other Labor	0.00	0.00	0.00	
Total Estimated and Other Labor	422.26	45.00	19,001.70	

QUOTES

Description	Amount
Total Quotes	0.00

RECAP

	% of Total	Description	Adj Totals	Sq Ft $
	42.74%	Material	14,964.44	N/A
	0.00%	Quotes	0.00	N/A
	0.00%	Subs	0.00	N/A
	0.00%	DJE	0.00	N/A
	54.27%	Labor	19,001.70	N/A
Tax Rate: 7.00%	2.99%	Sales Tax	1,047.51	
Sq. Ft. Cost	N/A	Prime Cost	35,013.65	

MARKUP

Overhead %	30.00%	Overhead	10,504.10
		Sub Total	45,517.75
Profit %	20.00%	Profit	9,103.55
		Total OH and Profit	19,607.65
		Base Price	54,621.30
Bond %	0.00%	Bond	0.00
Market Recovery / Misc			0.00
Sq. Ft. Price	N/A	Sell Price	54,621.30

SAMPLE TAKEOFF

	Cost (with tax)	Labor Hrs

Cost Code 00 none Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	PENDENT 3/4" X 4' PIPE	Section: Lighting	3.00	$19.26	.75
Total for Cost Code: 00 none				$19.26	.75

Cost Code 11 Underground Conduit / Vaults Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	1 SCH 40 PVC 90 COND EL	Section: Electrical	2.00	$4.12	.22
2	1 SCH 40 PVC CONDUIT	Section: Electrical	2.00	$2.53	.06
3	1/2 SCH 40 PVC 90 COND EL	Section: Electrical	18.00	$21.72	1.44
4	1/2 SCH 40 PVC CONDUIT	Section: Electrical	1,000.00	$658.05	23.60
5	NO SUPPORTS	Section: Electrical	126.00	$.00	.00
6	PVC COUP 1"	Section: Electrical	2.00	$.71	.00
7	PVC COUP 1/2"	Section: Electrical	18.00	$3.50	.00
8	PVC TERM ADAPTER 1"	Section: Electrical	640.00	$351.99	44.80
9	PVC TERM ADAPTER 1/2"	Section: Electrical	40.00	$9.60	2.00
Total for Cost Code: 11 Underground Conduit / Vaults				$1,052.21	72.12

Cost Code 13 Conduit / Supports / Seismic Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	1/2 90D 1SCR FLX/BX CONN	Section: Electrical	4.00	$10.25	.23
2	1/2 SCR-IN FLXCONN	Section: Electrical	4.00	$2.21	.18
3	CONDUIT SUPPORTS 3/4"	Section: Electrical	15.00	$26.00	3.00
4	EMT 3/4	Section: Electrical	150.00	$156.32	5.91
5	EMT INSULATING BUSHING 3/4"	Section: Electrical	30.00	$8.35	.90
6	Mounting Hardware Material $.50	Section: Electrical	36.00	$19.26	.00
7	Mounting Hardware Material $1.00	Section: Electrical	5.00	$5.35	.00
8	SEALTIGHT 1/2"	Section: Electrical	10.00	$20.93	.40
9	SEALTIGHT 3/4"	Section: Electrical	15.00	$40.68	.79
10	SEALTIGHT 90 CONN 1/2"	Section: Electrical	2.00	$7.88	.14
11	SEALTIGHT 90 CONN 3/4"	Section: Electrical	3.00	$18.45	.27
12	SEALTIGHT CONN 1/2"	Section: Electrical	2.00	$4.80	.14
13	SEALTIGHT CONN 3/4"	Section: Electrical	3.00	$19.75	.27
14	STEEL FLEX 1/2"	Section: Electrical	20.00	$13.64	.30
Total for Cost Code: 13 Conduit / Supports / Seismic				$353.87	12.53

Cost Code 15 Boxes Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	1/2D 4-IN PLASTER RING	Section: Electrical	15.00	$14.39	1.35
2	1G WP BOX W/3 1/2HUBS	Section: Electrical	2.00	$155.21	1.10
3	1G WP SGL RCPT CVR	Section: Electrical	2.00	$154.29	.40
4	1GANG PLASTIC NAILER OUTLET BOX	Section: Electrical	6.00	$6.03	.60
Total for Cost Code: 15 Boxes				$512.00	23.54

Cont'd

Line	Item Description	Document	Quantity	Cost	Labor Hrs
5	4-IN SQ J-BOX -1/2" & 3/4" KO	Section: Electrical	36.00	$53.98	8.28
6	4S BLANK	Section: Electrical	8.00	$4.33	.32
7	HANDY BOX EXTENSION	Section: Electrical	4.00	$11.00	.36
8	INS PIGTAIL W/GRD SCR	Section: Electrical	38.00	$30.02	2.28
9	RING 1G	Section: Electrical	23.00	$17.69	1.61
10	RING 2G	Section: Electrical	5.00	$5.39	.35
11	4-IN SQ J-BOX -1/2" & 3/4" KO	Section: Lighting	25.00	$37.48	5.75
12	4S BLANK	Section: Lighting	18.00	$9.75	.72
13	RING 3/0	Section: Lighting	7.00	$12.41	.42
Total for Cost Code: 15 Boxes				$512.00	23.54

Cost Code 25 Wire / Conductors / Feeders Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	1/2 D/C 2-SCREW NMC CONN	Section: Electrical	6.00	$1.53	.18
2	1/8" PULL LINE	Section: Electrical	210.00	$1.80	.64
3	10 THHN CU STRANDED	Section: Electrical	188.00	$44.83	.79
4	3/4 D/C 2-SCREW NMC CONN	Section: Electrical	3.00	$3.11	.12
5	6 THHN CU STRANDED	Section: Electrical	99.00	$67.76	.61
6	8 THHN CU STRANDED	Section: Electrical	1,957.00	$870.77	9.98
7	RED INS WING WIRE CONN	Section: Electrical	97.00	$8.30	.00
8	Romex 10/3	Section: Electrical	130.00	$134.05	.93
9	WIRE #12 CU STRANDED	Section: Electrical	3,180.00	$496.17	10.30
Total for Cost Code: 25 Wire / Conductors / Feeders				$1,628.33	23.55

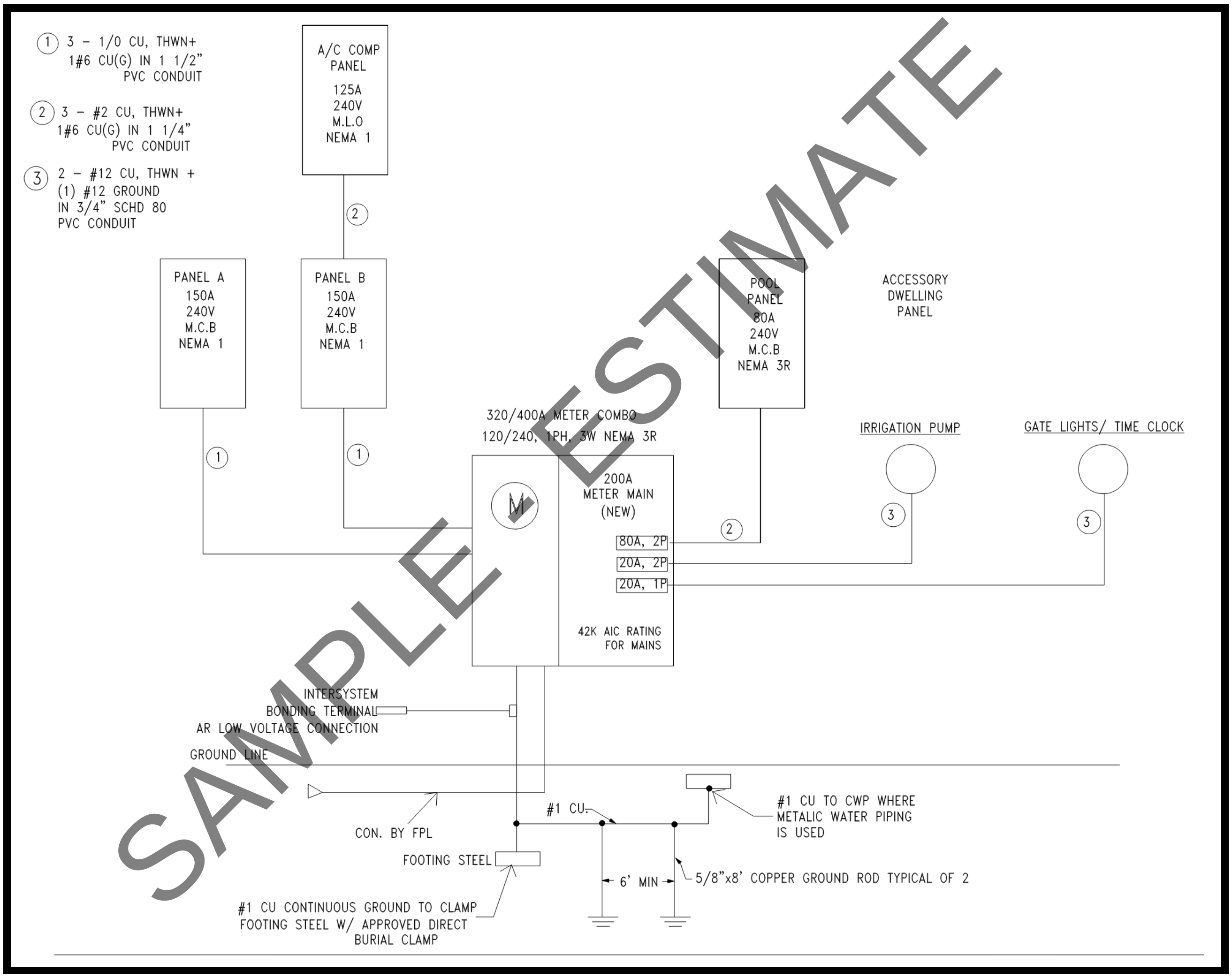
Cost Code 27 MC Cable Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	10/2 MC CABLE AL W/ GRN GRD	Section: Electrical	400.00	$697.64	13.20
2	12/2 MC CABLE AL W/ GRN GRD	Section: Electrical	2,100.00	$1,568.83	61.53
3	DPLX 3/8 MC CONNECTOR - SNAP IN - SADDLE GRIP	Section: Electrical	80.00	$264.02	5.60
4	MC CABLE CONN 8/3	Section: Electrical	8.00	$10.33	.01
5	SUPPORTS 10/2	Section: Electrical	80.00	$66.77	2.40
6	SUPPORTS 12/2	Section: Electrical	300.00	$250.38	9.00
7	12/2 MC CABLE AL W/ GRN GRD	Section: Lighting	2,000.00	$1,494.13	58.60
8	DPLX 3/8 MC CONNECTOR - SNAP IN - SADDLE GRIP	Section: Lighting	120.00	$396.04	8.40
9	SUPPORTS 12/2	Section: Lighting	400.00	$333.84	12.00
Total for Cost Code: 27 MC Cable				$5,081.98	170.74

Cost Code 31 Fixtures Budget

Line	Item Description	Document	Quantity	Cost	Labor Hrs
1	12" ROUND SPECIAL DOWNLIGHT	Section: Lighting	6.00	$.00	6.90
2	3" ROUND STANDARD DOWNLIGHT	Section: Lighting	20.00	$.00	17.20
3	BATHROOM WALL BRACKET SMALL FIXTURE	Section: Lighting	4.00	$.00	3.16
4	CEILING FIXTURE 100W	Section: Lighting	3.00	$.00	3.54

ENGINEERING



ENGINEERING

100A				POOL PANEL							
CIR. #	TRIP POLE	CONDUIT	WIRE	DESCRIPTION	DEMAND (KW)	DEMAND (KW)	DESCRIPTION	WIRE	CONDUIT	TRIP POLE	CIR. #
1	2-50	1/2"	#10	POOL HEATER	8.0	2.0	POOL PUMP #1	#12	1/2"	2-20	2
3	"	"	"	"	"	"	"	"	"	"	4
5	1-20	1/2"	#12	OUTLET	1.5	1.5	POOL LIGHTS	#12	1/2"	1-20	6
7				SPACE			SPACE				8
9				SPACE			SPACE				10
11				SPACE			SPACE				12
13				SPACE			SPACE				14
15				SPACE			SPACE				16
				TOTALS:	9.5	3.5	BRANCH BREAKERS= 22,000		A.I.C.		

TOTAL CONNECTED LOAD: **13 KW**	ESTIMATED DEMAND LOAD: SEE LOAD CALCS.
FEEDER SIZE IS TO BE: SEE RISER	TYPE: THM /TFIHN
RATED VOLTAGE: 120/240 1 PHASE 3 WIRE	BRANCH POLES: 12
MOUNTING: SURFACE	BUS RATINC: 100 AMPS CONT.
NEUTRAL BUS IS TO BE: FULL	GROUND BAR: IS REQUIRED
KEYED DOOR: NOT REQUIRED	FEED IS TO BE: BOTTOM
PANEL IS TO BE: LOAD CENTER	MAINS: M.C.B
LEGEND: NC=NON—COINCIDENTAL; R=ROMEX; E=EXISTING;	MAIN C.B. RATING:N/A AMPS CONT.
** = ARC FAULT BREAKER	

PANEL 'P' CALCULATIONS

HVAC (HEAT WORSE CASE) @ 65% = 0 V.A. X 0.65 = 0.0 V.A.
1ST 10 K.V.A. @ 100% = 10,000 V.A. X 1.00 = 10,000 V.A.
REM. K.V.A @ 40% = 3,000 VA X 0.4 = 1,200 VA.
TOTAL = 11,200 V.A.
TOTAL/240 = 11,200 V.A./240 = 46.6 AMPS.

100A				A/C PANEL							
CIR. #	TRIP POLE	CONDUIT	WIRE	DESCRIPTION	DEMAND (KW)	DEMAND (KW)	DESCRIPTION	WIRE	CONDUIT	TRIP POLE	CIR. #
1	2-30	3/4	#8	COMP # 2	6.0	6.0	COMP # 1	#8	3/4"	2-30	2
3	"	"	"	"	"	"	"	"	"	"	4
5	1-20	1/2"	#12	RIGHT OUTLET	1.5	1.5	LEFT OUTLET	#12	1/2"	1-20	6
7	2-20	"		SPARE	"	"	SPARE	"	"	2-20	8
9	"	"		"	"	"	"	"	"	"	10
11				SPACE			SPACE				12
13				SPACE			SPACE				14
15				SPACE			SPACE				16
17				SPACE			SPACE				18
19				SPACE			SPACE				20
21				SPACE			SPACE				22
23				SPACE			SPACE				24
				TOTALS:	7.5	7.5	BRANCH BREAKERS= 22,000		A.I.C.		

TOTAL CONNECTED LOAD: **15 KW**	ESTIMATED DEMAND LOAD: SEE LOAD CALCS.
FEEDER SIZE IS TO BE: SEE RISER	TYPE: THM /TFIHN
RATED VOLTAGE: 120/240 1 PHASE 3 WIRE	BRANCH POLES: 12
MOUNTING: SURFACE	BUS RATINC: 100 AMPS CONT.
NEUTRAL BUS IS TO BE: FULL	GROUND BAR: IS REQUIRED
KEYED DOOR: NOT REQUIRED	FEED IS TO BE: BOTTOM
PANEL IS TO BE: LOAD CENTER	MAINS: M.C.B
LEGEND: NC=NON—COINCIDENTAL; R=ROMEX; E=EXISTING;	MAIN C.B. RATING:N/A AMPS CONT.
** = ARC FAULT BREAKER	

PANEL 'P' CALCULATIONS

HVAC (HEAT WORSE CASE) @ 65% = 12,000 V.A. X 0.65 = 7,800 V.A.
1ST 10 K.V.A. @ 100% = 3000 V.A. X 1.00 = 3,000 V.A.
REM. K.V.A @ 40% = 0 VA. X 0.4 = 0 VA.
TOTAL = 10,800 V.A.
TOTAL/240 = 10,800 V.A./240 = 45 AMPS.