



City of Fort Bragg
 City of Fort Bragg - City Hall
 416 N FRANKLIN ST
 FORT BRAGG, Ca 95437

Acct: 0783031547; SAID: 0782004174

27671 La Paz Rd, Suite 100
 Laguna Niguel, CA. 92677
info@ecogreen-solutions.net
 (949) 364 - 6800

Quote

Quote # 200502
 DATE 10/26/2022

Quotes are valid for 30 days from the above date.

Light EPN	INT/EXT	DESCRIPTION	QTY*	Unit Price	Amount
EGLA-TCA199-4100-120v-D-E26	int.	LED A19 dimmable, 4100K, 120v	9 w 1	\$18.50	\$18.50
EGTU-TC10-4ft-4000-T8-B	int	4' T8 LED Tube Double Ended Bypass(Type B), 4000K, UNV	10.5 w 54	\$11.97	\$646.38
EGTU-TC34-8ft-4000-T8-B	int	8' T8 LED Tube Type B, 4000K	32 w 16	\$33.50	\$536.00
EG24-MLWS-CS-UNV-VT	int	LED Troffer 2x4. 35K, 4K, 5K. w/ SMT Kit	49.2 w 4	\$315.00	\$1,260.00
EGCL-ML13-6"-CS-UNV-REC	int	LED 6" Can Downlight,3000K, 3500K, 4000K, REC	13 w 1	\$105.00	\$105.00
EGCL-ML13-6"-CS-UNV-REC	ext	LED 6" Can Downlight,3000K, 3500K, 4000K, REC	13 w 1	\$105.00	\$105.00
EGLA-TCA19-6-4100-120v-E26-CQ	int	LED A19, 4100K, 120v, California Quality	6 w 14	\$7.79	\$109.06
EG24-SF21-4000-UNV-REC	int	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w 26	\$149.00	\$3,874.00
EGLA-TCBR3010.5-4100-120v-D-E26	int	LED BR30, 4100K, 120v, Dimmable	10.5 w 4	\$9.97	\$39.88
EGLN-ML33.16-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w 10	\$179.00	\$1,790.00
EGLA-TCP3813.5-4100	int	LED PAR38, 4100K, Flood	13.5 w 10	\$20.50	\$205.00
EGLA-TCA196-4100-120v-E26-SR	int	LED A19, 4100K, 120v w/ Socket Replacement	6 w 1	\$7.79	\$7.79
EGLN-TC18-4ft-4000-UNV-SMT	int	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w 7	\$115.00	\$805.00
EGLN-ML23.86-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w 8	\$179.00	\$1,432.00
EGLB-EN14-11"-CS-UNV-RND	int	LED Lowbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, D	14 w 4	\$89.00	\$356.00
EGLA-TCA196-5000-120v-E26	ext	LED A19, 5000K, 120v	6 w 1	\$7.79	\$7.79
EGLN-TC38-8ft-4000-UNV-SMT-D	int	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w 10	\$149.00	\$1,490.00
EGLF-TCP60-4000-UNV	int	LED High Lumen Filament Highbay Replacement, 4000k, UNV	60 w 6	\$99.98	\$599.88

TERMS AND CONDITIONS

WHEN SIGNED OR APPROVED BY CLIENT, THIS FORM BECOMES AN OFFICIAL ORDER AND A LEGALLY BINDING COMMITMENT SUBJECT TO THE TERMS AND CONDITIONS OF THIS FORM. BY SIGNING THIS FORM, CUSTOMER AGREES TO HAVE ECOGREEN SOLUTIONS PURCHASE AND INSTALL THE PRODUCTS LISTED ABOVE. All returned checks are subject to a \$20 service charge. If this invoice is not paid in full when due, a 1.5% per month late charge will be imposed. In this event, customer will be liable to pay reasonable collection charge, attorney fee and court cost. Warranty to be serviced by factory (see EcoGreen Scope of Work and warranty statement provided by the factory).

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* All quantities to be verified by owner	SUBTOTAL	\$13,387.28
	LABOR	\$10,881.81
	SALES TAX	Included
	ADMINISTRATION & INSURANCE	\$468.55
(Brackets, Wiring, Sockets, Travel, Tiewire, Screws, Lifts, Lamp Recycling / Disposal, Shipping, Package, ETC.) MISC. CHARGES		\$3,346.82
	ICP Developer/Engineering Cost	\$1,500.00
	TOTAL PROJECT COST	\$29,584.46
	Estimated IRS Federal Tax Deduction per 179D:	\$7,898.40
	Estimated Annual Energy Savings:	\$3,510.94

ENERGY AUDIT



City of Fort Bragg
 City of Fort Bragg - City Hall
 416 N FRANKLIN ST
 FORT BRAGG, CA 95437
 Acct. 0783031547; SAID: 0782004174

EcoGreen Sales Rep: Matt Bennett
 Customer Contact: John Smith
 Title of Contact: Director of Public Works
 Customer Phone: (707) 961-2823 ext. 136
 Customer Email: jsmith@fortbragg.com

Approx. Building Size 13,164 SF
 Energy Rate \$ 0.31 /KWh
 Interest Rate 0%

In Reference to Order # 200502

EXISTING		Suggested Replacements		Savings		Savings		Savings	
Watts/ Fix	# of Fixtures	Watts/Fix	# of Fixtures	Watts/Bulbs Saved	# of Lamps	Usage Saved	KWh Saved	Annual Savings	Annual Savings
Existing									
Totals	176	176	176	8,855 W	176	67.6%	11,392.60	\$292.58	\$3,510.94
8,855		Estimated Watts Saved							
11,393		Estimated Annual kWh Saved							
1.4		Estimated Avg Annual Res Powered by Savings							
8		Estimated Annual CO2 Savings (MT)							
3,166,544		Estimated Btu Savings Per Month							
67.6%		Estimated Average Electrical Savings							
8.43		Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings							
7.39		Estimated Payback Period Yrs. Fully Comprehensive ^A							
		Total Project Cost							
		Total After Rebate/Incentive Project Cost							
		****Estimated Program Payback Period Yrs.							
		Suggested Replacement							
		Suggested Replacement							
		Estimated Energy Savings Per Month							
		Estimated Energy Savings Per Year							
		**Estimated Total Savings Over 5 Years							
		** Estimated Total Savings After 10 Years							
		Estimated Energy Rebate							
		Estimated IRS Tax Deduction 179D Available							
		***Estimated Federal Tax Savings							
		Estimated Bulb Replacement Savings Per Year							
		Estimated Bulb Replacement Savings Per Avg. Est. Life of LED							
		Estimated Loan Payment							

NOTE: Attached calculations do not include depreciation deduction for project cost.
^APayment is based on a 8.43 year loan at 0% interest OAC, actual may vary.
^{**} Reflects energy savings per year increasing at industry standard 6% per year + Bulb Replacement

*** Based on IRS 179D Deduction @ 35% federal tax rate
 **** Program Payback Period Yrs. = (Total Project Cost - Available Program Rebates or Incentives) / Estimated \$ Saved per Year
^A Payback Period Yrs. = (Total Project Cost - Available Rebate or Incentive - Tax Savings) / (Estimated Savings Per Year + Bulb Replacement Savings Per Yr.)
^B Based on industry standard LED lifespan of 50,000 hrs.



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 (949) 364 - 6800

Quote

Quote # 200506
 DATE 11/2/2022

City of Fort Bragg
 City of Fort Bragg - WWTP
 100 W CYPRESS ST
 FORT BRAGG, Ca 95437
 Acct: 0783031547; SAID: 0783031140

Quotes are valid for 30 days from the above date.

Light EPN	INT/ EXT	DESCRIPTION	QTY*	Unit Price	Amount
EGLN-ML33.16-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w 11	\$179.00	\$1,969.00
EGLN-ML23.86-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9 w 12	\$179.00	\$2,148.00
EG24-SF34-4000-UNV-REC	int	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	34 w 1	\$165.00	\$165.00
EGHB-AL90-5000-UNV-2FT-TS	int	LED 2ft Linear High Bay, 5000K, UNV, Titan Series	90 w 3	\$197.00	\$591.00
EGLN-TC18-4ft-4000-UNV-SMT	int	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w 6	\$115.00	\$690.00
EGLN-TC20-4ft-4000-UNV-SMT-VT	int	LED 4' Linear Vapor Tight Fixture, 4000K, UNV, SMT	23 w 11	\$135.00	\$1,485.00
EGAL-RL70-5000-UNV-PH-SB	ext	LED Area Light, 5000K, UNV, PH w/ Swivel Bracket	70 w 1	\$335.00	\$335.00
EGAL-RL100-5000-UNV-PH-RP	ext	LED Area Light, 5000K, UNV, PH w/ Round Pole Mount	100 w 3	\$415.00	\$1,245.00
EGAL-RL100-5000-UNV-PH-SF	ext	LED Area Light, 5000K, UNV, PH w/ Slip Fitter	100 w 3	\$415.00	\$1,245.00
EGCL-ML13-6"-CS-UNV-REC	int	LED 6" Can Downlight, 3000K, 3500K, 4000K, REC	13 w 5	\$105.00	\$525.00
EGLA-TCA196-4100-120v-E26-SR	int	LED A19, 4100K, 120v w/ Socket Replacement	6 w 2	\$7.79	\$15.58
EGWP-AL40-5000-UNV-PH	ext	LED Wallpack, 5000K, UNV, PH	40 w 1	\$215.00	\$215.00
EGLB-EN14-11"-CS-UNV-RND	int	LED Lowbay White 11" Round Puff Fixture, 3K,4K,5K, UNV, SMT, D	14 w 6	\$89.00	\$534.00
EGLA-TCA1915-5000-120v-E26	ext	LED A19, 5000K, 120v	15 w 3	\$12.97	\$38.91
EGLF-TCP30-4000-UNV	int	LED High Lumen Filament Highbay Replacement, 4000k, UNV	26 w 1	\$77.98	\$77.98

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SIGNATURE: _____

DATE: _____

SUBTOTAL	\$11,279.47
LABOR	\$5,163.93
SALES TAX	Included
ADMINISTRATION & INSURANCE	\$394.78
(Brackets, Wiring, Sockets, Travel, Tiewire, Screws, Lifts, Lamp Recycling / Disposal, Shipping, Package, ETC.) MISC. CHARGES	\$3,023.46
ICP Developer/Engineering Cost	\$1,500.00
TOTAL PROJECT COST	\$21,361.64
* All quantities to be verified by owner	Estimated k/w Power Saved Rebate Total: \$0.00
	IRS Tax Cert, Inspection, Report: \$0.00
	Estimated IRS Federal Tax Deduction per 179D: \$5,458.80
	Estimated Annual Energy Savings: \$3,664.11

ENERGY AUDIT

City of Fort Bragg
 City of Fort Bragg - WWTP
 100 W CYPRESS ST
 FORT BRAGG, CA 95437
 Acct: 0783031547; S&D: 0783031140

EcoGreen Sales Rep: Matt Bennett
 Customer Contact: John Smith
 Title of Contact: Director of Public Works
 Customer Phone: (707) 961-2823 ext. 136
 Customer Email: jsmith@fortbragg.com

Approx. Building Size 9,088 SF
 Energy Rate \$ 0.21 /kWh
 Interest Rate 0%



EXISTING			Suggested Replacements			Savings								
Existing	Watts/Fix	# of Fixtures	Existing Operating Hours-Day/Yr.	Building Zone	Location	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	kWh Saved	Annual Savings
LED cobra head	11	7	4100	backstage area			Skip	W	3					
LED pole mounted flood	11	7	4100	breakroom building			Skip	W	14					
LED adjustable flood	3	4	5 / 2086	breakroom building		room next to breakroom	LED 4 Linear Fixture, 4000K, UNV, SMT	18	3	3	168	75.7%	175.20	\$37.46
4ft industrial w/2 112	74	5	1043	breakroom building		breakroom	LED 4 Linear Fixture, 4000K, UNV, SMT	18	2	2	112	75.7%	116.60	\$24.88
4ft industrial w/2 112	74	5	1043	building with utility trucks		main area	Skip	W	6					
LED luminaire	59	8	5 / 2086	building with utility trucks		office	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	2	2	70	59.5%	146.42	\$31.32
low bay w/ 1 LED	66	8	5 / 2086	chime building		basilife room	Skip	W	4					
lb w/1 cfl	66	8	5 / 2086	chime building		main area	LED High Lumen Flameless Highbay Replacement, 4000K, UNV	26	1	1	42	61.8%	87.60	\$18.74
LED adjustable flood	100	4	11 / 7 / 4100	chime building		perimeter	Skip	W	4					
lowbay w/1 cfl	100	4	11 / 7 / 4100	chime building		tridor room	Many Whites 11" Round Bulb Fixture, 3K, 4K, 5K, UNV, SMT, D	14	4	4	344	86.0%	717.49	\$153.48
LED 4ft linear no tubes	W	9	8 / 5 / 2086	comp and blower building		belt filler press room	Skip	W	9					
LED 4ft linear no tubes	W	6	8 / 5 / 2086	comp and blower building		comp and blower area	Skip	W	6					
LED adjustable flood	188	1	11 / 7 / 4100	gift removal		perimeter	LED Area Light, 5000K, UNV, PH w/ Shield Bracket	70	1	1	118	62.8%	483.76	\$109.48
flood w/1 hrs	458	3	11 / 7 / 4100	in front of tractor			LED Area Light, 5000K, UNV, PH w/ Round Pole Mount	100	3	3	1,074	78.2%	4,403.08	\$841.85
flex w/1 min	100	3	11 / 7 / 4100	lab			LED A19, 5000K, 120v	15	3	3	285	85.0%	1,045.52	\$23.62
6" can w/1 cfl plug in	33	4	5 / 1043	lab		bathroom	LED 6" Can Downlight, 3000K, 3500K, 4000K, REC	13	3	3	60	60.6%	62.57	\$13.38
fan light lowbay w/1 14	8	1	4 / 5 / 1043	lab		bathroom	Skip	W	1					
fan light w/2 cfl	18	1	4 / 5 / 1043	lab		bathroom	LED A19, 4100K, 120v w/ Socket Replacement	12	1	2	6	33.3%	6.26	\$1.34
4ft linear wrap w/2 18	59	1	8 / 5 / 2086	lab		main area	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	1	1	35	59.5%	73.21	\$15.66
4ft linear wrap w/1 18	112	8	5 / 2086	lab		main area	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2	8	8	630	70.4%	1,314.63	\$281.25
6" can w/1 cfl plug in	33	1	8 / 5 / 2086	lab		main area	LED 6" Can Downlight, 3000K, 3500K, 4000K, REC	13	1	1	20	60.6%	41.71	\$8.92
4ft linear wrap w/2 18	59	2	8 / 5 / 2086	lab		office 1	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	2	2	70	59.5%	146.42	\$31.32
6" can w/1 cfl plug in	33	1	1 / 5 / 261	lab		storage	LED 6" Can Downlight, 3000K, 3500K, 4000K, REC	13	1	1	20	60.6%	5.21	\$1.12
4ft linear wrap w/2 112	74	2	8 / 5 / 2086	lab building 2			LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	2	2	100	67.7%	208.99	\$44.70
LED pole mounted flood	W	1	11 / 7 / 4100	near generator		bathroom 1	Skip	W	1					
LED acroluar fixture w/2 ZINC	W	3	4 / 5 / 1043	office		bathroom 2	Skip	W	3					
LED acroluar fixture w/2 ZINC	W	2	4 / 5 / 1043	office		downstairs	Skip	W	2					
4ft industrial w/2 LED 18	W	2	8 / 5 / 2086	office		office	Skip	W	2					
LED 4ft wrap w/2 18	W	1	8 / 5 / 2086	office		main area	Skip	W	1					
LED acroluar fixture w/2 ZINC	W	1	8 / 5 / 2086	office		main area	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	1	1	35	59.5%	73.21	\$15.66
4ft linear wrap w/2 18	112	3	8 / 5 / 2086	office		main area	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2	3	3	236	70.4%	493.06	\$105.47
LED wall light w/ 1 INC	W	1	11 / 7 / 4100	office		outside front door	Skip	W	1					
4ft linear vapor w/2 18	59	1	8 / 5 / 2086	office		outside workshop	LED 4 Linear Vapor Tight Fixture, 4000K, UNV, SMT	23	1	1	36	61.0%	75.09	\$16.06
4ft linear vapor w/2 18	59	1	8 / 5 / 2086	office		outside workshop	LED 4 Linear Vapor Tight Fixture, 4000K, UNV, SMT	23	1	1	36	61.0%	75.09	\$16.06
lowbay w/1 cfl	100	2	2 / 5 / 521	office		space room	Many Whites 11" Round Bulb Fixture, 3K, 4K, 5K, UNV, SMT, D	14	2	2	172	86.0%	69.69	\$19.18
LED adjustable flood	59	4	8 / 5 / 2086	old comp building			LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.9	4	4	140	59.5%	292.93	\$62.64
LED vial light	W	1	11 / 7 / 4100	old comp building		perimeter	Skip	W	1					
LED vial light	W	3	11 / 7 / 4100	outside chlorine building		headworks	LED Area Light, 5000K, UNV, PH w/ Slip Filter	100	3	3	1,074	78.2%	4,403.08	\$841.85
highbay w/6 18	351	3	8 / 5 / 2086	outside spare parts building		main area	LED 2ft Linear High Bay, 5000K, UNV, Titan Series	90	3	3	285	48.6%	531.86	\$113.77
2x4 w/6 15	351	1	8 / 5 / 2086	sludge dry building		office	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	34	1	1	317	90.3%	661.17	\$141.43
4ft industrial w/2 112	74	1	8 / 5 / 2086	sludge dry building		office	LED 4 Linear Fixture, 4000K, UNV, SMT	18	1	1	56	75.7%	116.60	\$24.98
4ft linear vapor w/2 18	59	3	8 / 5 / 2086	spare parts building		garage	LED 4 Linear Vapor Tight Fixture, 4000K, UNV, SMT	23	3	3	108	61.0%	225.26	\$48.18
4ft linear vapor w/2 18	59	3	8 / 5 / 2086	spare parts building		main area	LED 4 Linear Vapor Tight Fixture, 4000K, UNV, SMT	23	3	3	108	61.0%	225.26	\$48.18
walkpak w/ 1 hrs	188	1	11 / 7 / 4100	spare parts building		perimeter	LED Walkpak, 5000K, UNV, PH	40	1	1	148	78.7%	606.75	\$129.79
Totals		143	Ave: 2993					W	143		5,955	74.0%	17,129.32	\$3,664.11

5,955	Estimated Watts Saved	\$21,361.64	Total Project Cost	Approximate Energy Savings Per Month	\$305.34
17,129	Estimated Annual kWh Saved	\$21,361.64	Total After Rebate/Incentive Project Cost	Estimated Energy Savings Per Year	\$3,664.11
2.1	Estimated Avg Annual Res Powered by Savings	5.83	****Estimated Program Payback Period Yrs.	**Estimated Total Savings Over 5 Years	\$20,654.94
13	Estimated Annual CO2 Savings (MT)			** Estimated Total Savings After 10 Years	\$48,295.92
1,759,321	Estimated Btu Savings Per Month			Estimated Energy Rebate	\$0.00
74.0%	Estimated Average Electrical Savings			Estimated IRS Tax Deduction 179D Available	\$5,458.80
5.83	Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings			***Estimated Federal Tax Savings	\$1,910.58
5.15	Estimated Payback Period Yrs. Fully Comprehensive*			Estimated Bulb Replacement Savings Per Year	\$110.06
				** Estimated Bulb Replacement Savings Per Avg. Est. Life of LED	\$13,712.97
				Estimated Loan Payment	\$300.87

*** Based on IRS 179D Deduction @ 35% federal tax rate
 ****Program Payback Period Yrs. = (Total Project Cost - Available Program Rebates or Incentives) / Estimated \$ Saved per Year
 *Payback Period Yrs. = (Total Project Cost - Available Rebate or Incentive - Tax Savings) / (Estimated Savings Per Year + Bulb Replacement Savings Per Yr.)
 **Based on industry standard LED lifespan of 50,000 hrs.
 Note: Attached calculations do not include depreciation deduction for project cost.
 *Payment is based on a 5.03 year loan at 0% interest OAC, actual may vary.
 ** Reflects energy savings per year increasing at industry standard 6% per year + Bulb Replacement



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 (949) 364 - 6800

Quote

Quote # 200505
 DATE 10/31/2022

City of Fort Bragg
 City of Fort Bragg - Public Works Yard and Water Treatment Plant
 31301 CEDAR ST
 Fort Bragg, Ca 95437
 Acct: 0783031547; SAID: 0784723117

Quotes are valid for 30 days from the above date.

Light EPN	INT/ EXT	DESCRIPTION	QTY*	Unit Price	Amount
EGLN-TC40-4ft-4000-UNV-SMT-VT	int	LED 4' Linear Vapor Tight Fixture, 4000K, UNV, SMT	40 w 4	\$145.00	\$580.00
EGLN-TC18-4ft-4000-UNV-SMT	int	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w 4	\$115.00	\$460.00
EGLN-ML33.16-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.16 w 13	\$179.00	\$2,327.00
EGLN-TC38-8ft-4000-UNV-SMT-D	int	LED 8' Linear Fixture, 4000K, UNV, SMT	38 w 13	\$149.00	\$1,937.00
EGWP-IKIO25-5000-UNV	ext	LED Wallpack, 35K, 4K, 5K, UNV, PH	24.4 w 2	\$119.00	\$238.00
EGFL-HL70-CS-UNV-SF	ext	LED Flood Light, 3K, 4K, 5K, UNV, Slip-Fitter	70 w 1	\$197.00	\$197.00
EGFL-HL100-CS-UNV-SF	ext	LED Flood Light, 3K, 4K, 5K, UNV, Slip-Fitter	100 w 1	\$225.00	\$225.00

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SIGNATURE: _____

DATE: _____

* All quantities to be verified by owner	SUBTOTAL	\$5,964.00
	LABOR	\$3,040.38
	SALES TAX	Included
	ADMINISTRATION & INSURANCE	\$208.74
(Brackets, Wiring, Sockets, Travel, Tiewire, Screws, Lifts, Lamp Recycling / Disposal, Shipping, Package, ETC.)	MISC. CHARGES	\$1,491.00
	ICP Developer/Engineering Cost	\$1,500.00
	TOTAL PROJECT COST	\$12,204.12
	Estimated IRS Federal Tax Deduction per 179D:	\$6,727.20
	Estimated Annual Energy Savings:	\$2,327.01



ENERGY AUDIT

City of Fort Bragg

City of Fort Bragg - Public Works Yard and Water Treatment Pl
 31301 CEDAR ST
 Fort Bragg, Ca 95527
 Acct: 0783037547; SHAD: 078472311Z

EcoGreen Sales Rep: Matt Bennett

Customer Contact: John Smith
 Title of Contact: Director of Public Works
 Customer Phone: (707) 961-2823 ext. 136
 Customer Email: jsmith@fortbragg.com

Approx. Building Size 11,212 SF
 Energy Rate \$ 0.28 /KWh
 Interest Rate 0%

In Reference to Quote # 200505

Existing	Watts/ Fix	# of Fixtures	Existing Operating Hours-Day / Yr.	Building Zone	Location	Room/Area	Suggested Replacements				Savings			
							Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings
LED wallpack	w	2	11 7 / 4100				LED Flood Light, 3K, 4K, 5K, UNV, Slip-Filter	100 w	2	1	185 w	66.1%	769.44	\$219.94
wp area light w/ rth	w	1	11 7 / 4100	corp yard		auto shed	LED 4 Linear Fixture, 4000K, UNV, SMT	18 w	1	1	56 w	75.2%	14.60	\$4.02
4ft linear w2 l12	w	1	5 5 / 261	corp yard		auto shop	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	2	2	158 w	70.4%	246.53	\$67.83
4ft linear w2 l12	w	1	2 5 / 321	corp yard		bathroom	LED 4 Linear Fixture, 4000K, UNV, SMT	18 w	1	1	56 w	75.2%	14.60	\$4.02
4ft linear wrap w4 l8	w	3	4 5 / 1043	corp yard		break room	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	3	3	236 w	70.4%	246.53	\$67.83
LED luminary	w	4	11 7 / 4100	corp yard		exterior perimeter	Skip	w	4	4	540 w	78.0%	1,126.29	\$308.87
8ft linear w2 l12	w	1	8 5 / 2086	corp yard		front indoor parking	LED 4 Linear Fixture, 35K, 4K, 5K, UNV	33.2 w	1	1	79 w	70.4%	164.35	\$45.22
4ft linear wrap w4 l8	w	1	8 5 / 2086	corp yard		office	LED 4 Linear Fixture, 4000K, UNV, SMT	38 w	1	1	945 w	78.0%	1,971.00	\$542.27
8ft linear w2 l12	w	7	8 5 / 2086	corp yard		rear indoor parking	Skip	w	7	7	552 w	70.4%	1,150.48	\$316.52
LED 8 inch can	w	4	8 5 / 2086	corp yard		rocky mechanic	LED 4 Linear Wrap Fixture, 35K, 4K, 5K, UNV	33.2 w	4	4	291.57 w	78.0%	291.57	\$77.47
4ft linear wrap w4 l8	w	7	8 5 / 2086	corp yard		sign room and plumbing room	LED 8 Linear Fixture, 4000K, UNV, SMT	38 w	1	1	135 w	78.0%	291.57	\$77.47
8ft linear w2 l12	w	1	8 5 / 2086	corp yard		sign room and plumbing room	LED 8 Linear Fixture, 4000K, UNV, SMT	38 w	1	1	135 w	78.0%	291.57	\$77.47
LED luminary	w	4	8 5 / 2086	corp yard		updates office	Skip	w	4	4	310 w	88.6%	646.57	\$172.89
4ft linear w2 l12	w	2	8 5 / 2086	NOVO Pump house		comp room	LED 4 Linear Fixture, 4000K, UNV, SMT	40 w	4	4	76 w	32.2%	158.51	\$43.61
4ft linear vapor w2 l8	w	4	8 5 / 2086	NOVO Pump house		holding tank room	LED 4 Linear Vapor Tight Fixture, 4000K, UNV, SMT	24.4 w	2	2	207 w	80.9%	849.45	\$233.70
wp w/ rth	w	2	11 7 / 4100	water treatment		outside tank room	LED Wallpack, 35K, 4K, 5K, UNV, PH	w	1	1	120 w	63.2%	481.96	\$135.35
LED luminary	w	1	11 7 / 4100	water treatment			Skip	w	1	1	120 w	63.2%	481.96	\$135.35
flood w/ rth	w	2	8 5 / 2086	water treatment		1st office	LED Flood Light, 3K, 4K, 5K, UNV, Slip-Filter	w	2	2	w	w	w	w
LED 4ft linear w2 l18	w	2	8 5 / 2086	water treatment		2nd office	Skip	w	2	2	w	w	w	w
LED 4ft linear w2 l18	w	2	8 5 / 2086	water treatment		water treatment	Skip	w	2	2	w	w	w	w
LED 4ft linear w2 l18	w	1	8 5 / 2086	water treatment		bathroom	Skip	w	1	1	w	w	w	w
LED luminary	w	11	8 5 / 2086	water treatment		water treatment	filter room	w	11	11	w	w	w	w
LED luminary	w	3	8 5 / 2086	water treatment		water treatment	water treatment	w	3	3	w	w	w	w
LED inc. bulbs in a circular fixture	w	1	8 5 / 2086	water treatment		water treatment	water treatment	w	1	1	w	w	w	w
Totals		73	Ave: 2841							73	3,800 w	73.1%	8,458.06	\$2,327.01

Estimated Watts Saved	3,800	Total Project Cost	\$12,204.12	Approximate Energy Savings Per Month	\$193.92
Estimated Annual kWh Saved	8,458	Total After Rebate/Incentive Project Cost	\$12,204.12	Estimated Energy Savings Per Year	\$2,327.01
Estimated Avg Annual Res Powered by Savings	1.0	****Estimated Program Payback Period Yrs.	5.24	**Estimated Total Savings Over 5 Years	\$13,117.57
Estimated Annual CO2 Savings (MT)	6			** Estimated Total Savings After 10 Years	\$30,671.85
Estimated Btu Savings Per Month	1,796,268			Estimated Energy Rebate	\$0.00
Estimated Average Electrical Savings	73.1%			Estimated IRS Tax Deduction 179D Available	\$6,727.20
Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings	5.24			***Estimated Federal Tax Savings	\$2,354.52
Estimated Payback Period Yrs. Fully Comprehensive*	4.10			Estimated Bulb Replacement Savings Per Year	\$76.67
				** Estimated Bulb Replacement Savings Per Avg. Est. Life of LED	\$9,611.26
				Estimated Loan Payment	\$190.69

*** Based on IRS 179D Deduction @ .35% federal tax rate
 **** Program Payback Period Yrs. = (Total Project Cost - Available Program Rebates or Incentives) / Estimated \$ Saved per Year
 * Payback Period Yrs. = (Total Project Cost - Available Rebate or Incentive - Tax Savings) / (Estimated Savings Per Year + Bulb Replacement Savings Per Yr.)
 ** Based on industry standard LED lifespan of 50,000 hrs.
 NOTE: Attached calculations do not include depreciation deduction for project cost.
 * Payment is based on a 5.24 year loan at 0% interest OAC, actual may vary.
 ** Reflects energy savings per year increasing at industry standard 6% per year + Bulb Replacement



City of Fort Bragg
 City of Fort Bragg - Police Department
 250 CYPRESS ST
 FORT BRAGG, CA 95437
 Acct: 0783031547; SAID: 0785356934

27671 La Paz Rd, Suite 100
 Laguna Niguel, CA. 92677
info@ecogreen-solutions.net
 (949) 364 - 6800

Quote

Quote # 200504
 DATE 10/31/2022

Quotes are valid for 30 days from the above date.

Light EPN	INT/ EXT	DESCRIPTION	QTY*	Unit Price	Amount
EG24-SF21-4000-UNV-REC	int	LED Troffer 2x4 Retrofit Kit, 4000K, UNV, REC	21 w 88	\$149.00	\$13,112.00
EGTU-TC10-4ft-4000-T8-B	int	4' T8 LED Tube Double Ended Bypass(Type B), 4000K, UNV	10.5 w 38	\$11.97	\$454.86
EGLN-ML23.86-4ft-CS-UNV-SMT-WRP	int	LED 4' Linear Wrap Fixture, 35K, 4K, 5K, UNV	23.86 w 1	\$179.00	\$179.00
EGLN-TC18-4ft-4000-UNV-SMT	int	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w 2	\$115.00	\$230.00
EGCL-ML13-8"-CS-UNV-REC	int	LED 8" Can Downlight,3000K, 3500K, 4000K, REC	13 w 26	\$120.00	\$3,120.00
EGCL-ML13-8"-CS-UNV-REC	ext	LED 8" Can Downlight,3000K, 3500K, 4000K, REC	13 w 5	\$120.00	\$600.00
EGAL-RL100-5000-UNV-PH-SP	ext	LED Area Light, 5000K, UNV, PH w/ Square Pole Mount	100 w 13	\$415.00	\$5,395.00
EGLA-TCA196-4100-120v-E26-SR	int	LED A19, 4100K, 120v w/ Socket Replacement	6 w 8	\$7.79	\$62.32

TERMS AND CONDITIONS

WHEN SIGNED OR APPROVED BY CLIENT, THIS FORM BECOMES AN OFFICIAL ORDER AND A LEGALLY BINDING COMMITMENT SUBJECT TO THE TERMS AND CONDITIONS OF THIS FORM. BY SIGNING THIS FORM, CUSTOMER AGREES TO HAVE ECOGREEN SOLUTIONS PURCHASE AND INSTALL THE PRODUCTS LISTED ABOVE. All returned checks are subject to a \$20 service charge. If this invoice is not paid in full when due, a 1.5% per month late charge will be imposed. In this event, customer will be liable to pay reasonable collection charge, attorney fee and court cost. Warranty to be serviced by factory (see EcoGreen Scope of Work and warranty statement provided by the factory).

SIGNATURE: _____

DATE: _____

* All quantities to be verified by owner	SUBTOTAL	\$23,153.18
	LABOR	\$11,267.21
	SALES TAX	Included
	ADMINISTRATION & INSURANCE	\$810.36
(Brackets, Wiring, Sockets, Travel, Tiewire, Screws, Lifts, Lamp Recycling / Disposal, Shipping, Package, ETC.)	MISC. CHARGES	\$5,788.30
	ICP Developer/Engineering Cost	\$2,001.73
	TOTAL PROJECT COST	\$43,020.78
	Estimated IRS Federal Tax Deduction per 179D:	\$4,417.80
	Estimated Annual Energy Savings:	\$4,434.41

ENERGY AUDIT



EcoGreen Sales Rep: Matt Bennett
 Customer Contact: John Smith
 Title of Contact: Director of Public Works
 Customer Phone: (707) 861-2823 ext. 136
 Customer Email: jsmith@fortbragg.com

City of Fort Bragg
 City of Fort Bragg - Police Department
 250 CYPRESS ST
 FORT BRAGG, CA 95437
 Acct. 07.83031547.SAID.0785536934

Approx. Building Size 7,363 SF
 Energy Rate \$ 0.24 /kWh
 Interest Rate 0%

In Reference to Quote # 200504

EXISTING				Suggested Replacements				Savings						
Existing	Watts/ Fix	# of Fixtures	Hours-Operating /Yr.	Building/Zone	Location	Room/Area	Suggested Replacement	Watts/Fix	# of Fixtures	# of Lamps	Watts/bulbs Saved	Usage Saved	KWh Saved	Annual Savings
LED flood	w	2	4.9 7 / 1783	main building	main building	backroom 1	Shp							
LED luminary	w	1	1.7 7 / 635	main building	main building	backroom 2	Shp							
LED luminary	w	1	1.7 7 / 635	main building	main building	backroom 3	Shp							
4ft linear wrap w/2 lb	59 w	1	0.9 7 / 318	main building	main building	utility room	LED 4' Linear Wrap Fixture, 35K, JK, 3K, UNV	23.9 w	1	1	35 w	59.5%	11.15	\$2.62
8' can w/2 plug in cfl	31 w	1	1.7 7 / 635	main building	main building	backroom 1	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	1	1	18 w	56.1%	11.43	\$2.69
8' can w/2 plug in cfl	31 w	1	1.7 7 / 635	main building	main building	backroom 2	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	1	1	18 w	56.1%	11.43	\$2.69
8' can w/2 plug in cfl	31 w	1	1.7 7 / 635	main building	main building	backroom 3	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	1	1	18 w	56.1%	11.43	\$2.69
8' can w/1 plug in cfl	33 w	1	4.9 7 / 1783	main building	main building	outside electric room	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	1	1	20 w	60.6%	35.67	\$8.38
8' can w/2 plug in cfl	66 w	4	3.5 7 / 1270	main building	main building	lobby	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	4	4	212 w	80.3%	289.28	\$63.29
8' can w/2 plug in cfl	66 w	4	4.9 7 / 1783	main building	main building	outside front door	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	4	4	212 w	80.3%	378.07	\$86.85
8' can w/2 plug in cfl	66 w	2	3.5 7 / 1270	main building	main building	main hallway	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	2	2	424 w	80.3%	538.56	\$126.57
8' can w/2 plug in cfl	66 w	2	3.5 7 / 1270	main building	main building	breakroom hallway	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	2	2	106 w	80.3%	134.64	\$31.64
8' can w/2 plug in cfl	66 w	3	3.5 7 / 1270	main building	main building	entrance hallway	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	3	3	159 w	80.3%	201.96	\$47.46
8' can w/2 plug in cfl	66 w	3	3.5 7 / 1270	main building	main building	patrol hallway	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	3	3	159 w	80.3%	201.96	\$47.46
8' can w/2 plug in cfl	66 w	3	3.5 7 / 1270	main building	main building	97m hallway	LED 8' Can Downlight,3000K, 3500K, 4000K, REC	13 w	3	3	159 w	80.3%	201.96	\$47.46
4ft linear w/1 tnh	458 w	13	4.9 7 / 1783	main building	main building	office	LED Area Light, 1500K, UNV, PH w/ Square Pole Mount	100 w	13	13	4,654 w	79.2%	8,299.76	\$1,950.59
2x4 w/3 lb	89 w	9	3.2 7 / 1086	main building	main building	records	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	9	9	612 w	76.4%	1,166.04	\$274.04
2x4 w/3 lb	89 w	7	3.5 7 / 1270	main building	main building	records office 1	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	7	7	476 w	76.4%	694.02	\$142.09
2x4 w/3 lb	89 w	4	2.6 7 / 953	main building	main building	records office 2	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	298.12	\$69.90
2x4 w/3 lb	89 w	2	2.6 7 / 953	main building	main building	caso	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	129.56	\$30.45
2x4 w/3 lb	89 w	2	3.5 7 / 1270	main building	main building	mommy room	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	129.56	\$30.45
2x4 w/3 lb	89 w	2	3.5 7 / 1270	main building	main building	cru	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	129.56	\$30.45
2x4 w/3 lb	89 w	4	3.5 7 / 1270	main building	main building	breakroom	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	345.49	\$81.20
2x4 w/3 lb	89 w	4	3.5 7 / 1270	main building	main building	chefs 1	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	345.49	\$81.20
2x4 w/3 lb	89 w	6	3.5 7 / 1270	main building	main building	chefs 2	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	6	6	408 w	76.4%	518.24	\$121.80
2x4 w/3 lb	89 w	4	3.5 7 / 1270	main building	main building	lab	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	345.49	\$81.20
2x4 w/3 lb	89 w	2	3.5 7 / 1270	main building	main building	conference	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	129.56	\$30.45
2x4 w/3 lb	89 w	12	3.5 7 / 1270	main building	main building	lab	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	12	12	816 w	76.4%	1,036.48	\$243.59
2x4 w/3 lb	89 w	4	3.5 7 / 1270	main building	main building	LT	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	345.49	\$81.20
2x4 w/3 lb	89 w	2	0.9 7 / 318	main building	main building	evidence	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	2	2	136 w	76.4%	129.56	\$30.45
2x4 w/3 lb	89 w	6	3.5 7 / 1270	main building	main building	bedding	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	6	6	408 w	76.4%	518.24	\$121.80
2x4 w/3 lb	89 w	8	3.5 7 / 1270	main building	main building	report writing	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	8	8	408 w	76.4%	518.24	\$121.80
2x4 w/3 lb	89 w	4	3.5 7 / 1270	main building	main building	signs	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	4	4	272 w	76.4%	345.49	\$81.20
2x4 w/3 lb	89 w	6	3.5 7 / 1270	main building	main building	signs	LED Troffer 2x4 Retrofit Kl, 4000K, UNV, REC	21 w	6	6	408 w	76.4%	518.24	\$121.80
2x4 w/3 lb	89 w	2	1.7 7 / 635	main building	main building	mens shower	LED A19, 4100K, 120w/Socket Replacement	12 w	2	2	106 w	81.8%	88.59	\$16.12
2x4 w/3 lb	89 w	2	1.7 7 / 635	main building	main building	womens shower	LED A19, 4100K, 120w/Socket Replacement	12 w	2	2	106 w	81.8%	88.59	\$16.12
4ft linear w/1 lb	31 w	1	3.5 7 / 1270	main building	main building	womens locker	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	10.5 w	1	1	21 w	66.1%	26.04	\$6.12
4ft linear w/1 lb	31 w	1	3.5 7 / 1270	main building	main building	interview room 1	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	10.5 w	1	1	21 w	66.1%	26.04	\$6.12
1x4 w/2 lb	59 w	2	3.5 7 / 1270	main building	main building	storage room	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	2	2	76 w	64.4%	96.54	\$22.69
1x4 w/2 lb	59 w	1	0.9 7 / 318	main building	main building	evidence main room	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	1	1	28 w	64.4%	12.07	\$2.84
1x4 w/2 lb	59 w	6	0.9 7 / 318	main building	main building	mens locker	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	6	6	128 w	64.4%	172.02	\$43.37
1x4 w/2 lb	59 w	4	3.5 7 / 1270	main building	main building	womens locker	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	4	4	152 w	64.4%	193.07	\$48.37
1x4 w/2 lb	59 w	3	3.5 7 / 1270	main building	main building	womens locker	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	3	3	114 w	64.4%	144.60	\$34.03
1x4 w/2 lb	59 w	2	3.5 7 / 1270	main building	main building	womens locker	4' TB LED Tube Double Ended Bypass(Type B), 4000K, UNV	21 w	2	2	76 w	64.4%	96.54	\$22.69
4ft linear w/2 lb	59 w	2	0.9 7 / 318	main building	main building	electric room	LED 4' Linear Fixture, 4000K, UNV, SMT	18 w	2	2	82 w	69.5%	26.04	\$6.12
Totals		164	Ave: 1261						164		13,201 w	77.0%	18,868.47	\$4,434.41

13,201	Estimated Watts Saved	\$43,020.78	Total Project Cost	\$369.53
18,868	Estimated Annual kWh Saved	\$43,020.78	Total After Rebate/Incentive Project Cost	\$4,434.41
2.3	Estimated Avg Annual Res Powered by Savings	9.70	***Estimated Program Payback Period Yrs.	\$24,997.21
14	Estimated Annual CO2 Savings (MT)			\$58,449.11
2,887,515	Estimated Btu Savings Per Month			\$0.00
77.0%	Estimated Average Electrical Savings			\$4,417.80
9.70	Estimated Payback Period Yrs. - No Rebates, Tax Deductions or Bulb Replacement Savings			\$1,546.23
9.11	Estimated Payback Period Yrs. Fully Comprehensive ^{**}			\$118.95
				\$57,963.81
				\$367.70

NOTE: Attached calculations do not include depreciation deduction for project cost.
 **Payment is based on a 9.7 year loan at 0% interest OAC, actual may vary.
 *** Reflects energy savings per year increasing at industry standard 6% per year + Bulb Replacement

Approximate Energy Savings Per Month
 Estimated Energy Savings Per Year
 **Estimated Total Savings Over 5 Years
 ** Estimated Total Savings After 10 Years
 Estimated Energy Rebate
 Estimated IRS Tax Deduction 179D Available
 ***Estimated Federal Tax Savings
 Estimated Bulb Replacement Savings Per Year
 Estimated Bulb Replacement Savings Per Avg. Est. Life of LED
 Estimated Loan Payment

*** Based on IRS 179D Deduction @ 35% federal tax rate
 **** Program Payback Period Yrs. = (Total Project Cost - Available Program Rebates or Incentives) / Estimated \$ Saved per Year
 ** Payback Period Yrs. = (Total Project Cost - Available Rebate or Incentive - Tax Savings) / (Estimated Savings Per Year + Bulb Replacement Savings Per Yr.)
 **Based on industry standard LED lifespan of 50,000 hrs.