



October 5, 2011
28237/WA01

Oscar Garza
Program Coordinator
2302 S. Bus. Hwy 281
Edinburg, TX 78539

RE: Hidalgo County Elections Department – Warehouse Additions and Modifications

Dear Mr. Garza:

On September 20, 2011, the County received Job Order Contractor bids for the above referenced project. Two bids were received from CAS Company and Alpha Building, respectively. Alpha was the lower of the two bids at \$440,344.94. Accordingly, the County entered into negotiations with them. The result of this process is that the overall construction bid has been lowered to \$393,778.35. This resulted from minor simplifications of the design and clarification of various trade scopes. This amount is within the Elections Department budget for the project. Accordingly, I recommend that the County accept this proposal at the revised cost and award the construction project to Alpha.

The revised RS Means accounting for this bid is attached herein for your records.

Should you have any questions or concerns regarding this matter, don't hesitate to contact me.

Respectfully,

HALFF ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Menton J. Murray, III", with a long horizontal flourish extending to the right.

Menton J. Murray, III, PE, LEED AP
Vice President

C: Yvonne Ramon
Richard Sunday



Hidalgo County Purchasing Department Purchasing Request Form

In order to assist the Purchasing Department in the procurement process, please complete this form with all the pertinent information and return to the Purchasing Department in person, via facsimile to (956) 318-2629 or 292-7612 or email to: darlene.betancourt@co.hidalgo.tx.us or oscarg.garza@co.hidalgo.tx.us **(Requests will be processed on a first come, first basis)**

Request Date: 10/06/11	
Department: Elections Dept.	
Name of Approving Elected Official/Department Head/Supervisor: Yvonne Ramon	
Point of Contact: Yvonne Ramon	Contact Phone Number: (956) 318-2570
Contact E-Mail yvonne.ramon@co.hidalgo.tx.us	
Budget Account Number: 1-1100-414-00-130-001-0-452	
Signature of Approving Elected Official/Department Head/Supervisor: <i>Yvonne Ramon</i>	
Estimated Date Goods/Services are required: ASAP after Commissioner's Court approves	
Goods/Services Description: (Please provide detailed information (specifications) of the Goods/Services being requested) use additional sheets if required. Please accept the proposal at the revised cost and award construction of the Elections Department Warehouse Project to Alpha Building. Original Quote- \$440,344.94 Negotiated Amount- \$393,778.35	
FOR PURCHASING DEPARTMENT OFFICE USE: To be completed by the Purchasing Department	
<u>Procurement Manager Notes:</u>	
<u>Assigned to Buyer:</u>	
<u>Date Assigned:</u>	
<u>Project Type:</u>	
<u>Project Number:</u>	
<u>Notified Department on:</u>	
<u>Special Instructions by Procurement Manager:</u>	

Alpha Building Corporation

5541 Bear Lane #201

Corpus Christi, TX 78504

361-299-6292 Fax 361-299-6374

Scope of Work Proposal

Delivery Order Work Proposal

For

**Hidalgo County
Edinburg, TX 78539**

Date: 9-20-11

**Title: Hidalgo County Elections Department
Renovations and Additions to Elections Department
Warehouse Located on 317 N. Closner**

Project # 201-147-09-20 MSS

Location: Edinburg , TX

Attn. Mr. Moises Salazar

Dear Oscar,

We are pleased to provide you with our proposal for the **Hidalgo County Elections Department Renovations and Additions to Elections Department Warehouse** project. Please see accompanying scope of work. Alpha Building Corporation is extending this price to Hidalgo County under HCDE JOC RFP# 101030JC-HCDE State Wide.

Alpha Building Corporation has acknowledged addendums 1.

If you have any questions concerning this proposal or we may be of assistance in any other way please don't hesitate to call on me. We look forward to working with you.

Warmest Regards,

Fred Lozano
956-343-1101

Description of Work

Project Cost: \$393,778.35

Contingency Allowance \$50,000.00

HVAC Allowance: \$25,000.00

Scope of Work: Provide all labor, equipment and material necessary to install new building addition and renovations for the Hidalgo County Elections Department per this scope of work and Half Engineers-Architects- Scientist- Planners- Surveyors plans and specifications “Hidalgo County Elections Warehouse Renovation Edinburg Texas Volume II” Menton J. Murray PE 87004 date 8-18-11

Staging and Protection:

- Establish with the owner’s direction an area for storage of materials and spoils.
- Provide protection to existing construction during all phases.
- Dispose of all construction spoils by dumpster or direct haul off.

Scope of work:

- Demolition
- Site work includes concrete and paving
- Metal Building and Canopy
- Interior Architectural finishes and specialties
- Electrical and Data
- Mechanical and Plumbing
- Fire Alarm

Assumption:

Material and labor associated with unforeseen or unexpected conditions are not included with this scope of work and proposal. Any costs associated with unforeseen or unexpected conditions are above and beyond this scope of work and will incur additional cost above and beyond those proposed with this scope of work. Move will take place weather permitting

Exclusions:

- *Hazardous material surveys, work, and clearances are not included in this scope of work and are to be completed by others.*
- *Delay in project caused by owner, acts of god, or inclement weather*

- Work not specified in plans

Clarifications:

No work on change variances (orders) will be performed without written and documented authorized documentation.

General Assumptions:

- Hazardous material work or clean up is neither expected nor priced in this proposal.
- Special lead time equipment and materials. TBD
- Interface with existing structure: *Yes*
- Possible disruption to building personnel and plans to minimize: Area to be inaccessible to general public during installation time of section.
- Outages: None
- Special training/Orientation Requirements: None
- Work to be performed during non-normal hours: None
- Outage Coordination: Alpha supt. and County designates
- Schedule Issues: None
- Special Issues: None
- Special Security Requirements: Protection of general public
- Significant Milestones: None
- Hazardous Materials: None

Quality Assurance Considerations: A pre-final inspection will be held 1 day prior to final completion date. Any items identified will be corrected before request for final inspection.

I. STAFFING PLAN:

- | | |
|--|---------------------------------|
| A. Project Manager: <u>Fred Lozano</u> | C. Quality Control Coordinator: |
| B. Superintendent: <u>TBA</u> | D. Subcontractors: |

II. PERMITS: To be provided by General Contractor and Transporter.

A. Demo:

B. Burning:

Welding:

Cutting:

SUBMITTAL REQUIREMENTS: TBD

III. CONSTRUCTIBILITY & VALUE ENGINEERING SUGGESTIONS:

None

Submitted By:

Fred Lozano

Approved By:

_____ *Date* _____



Preliminary Estimate, by line item

Fred Lozano

Alpha Building Corporation

RFP# 10/030JC - HCDE Statewide

Renovations and Additions to the Elections Dept. Warehouse

Estimator: Fred Lozano

Summary of tagged estimates...

Division Summary (MF04)

01 - General Requirements	\$49,588.97
02 - Existing Conditions	\$18,307.02
03 - Concrete	\$78,720.00
04 - Masonry	
05 - Metals	\$21,932.50
06 - Wood, Plastics, and Composites	\$56.47
07 - Thermal and Moisture Protection	\$18,790.28
08 - Openings	\$28,591.75
09 - Finishes	\$65,563.34
10 - Specialties	\$4,954.00
11 - Equipment	
12 - Furnishings	\$486.00
13 - Special Construction	\$96,304.00
14 - Conveying Equipment	
21 - Fire Suppression	
22 - Plumbing	\$10,070.00
23 - Heating, Ventilating, and Air-Conditioning (HVAC)	\$39,003.00

Totalling Components

RSMeans Subtotal	\$525,692.36
RSMeans MCALLEN, TX CCI 2011Q3, 78.90%	\$(110,921.08)

Material, Labor, and Equipment Totals (No Totalling Components)

Material:	\$220,489.47
Labor:	\$144,104.54
Equipment:	\$28,519.56
Other:	\$132,578.79
Laborhours:	3,520.10
Green Line Items:15	\$41,420.78

26 - Electrical	\$120,995.65
27 - Communications	
28 - Electronic Safety and Security	\$11,700.00
31 - Earthwork	\$11,477.00
32 - Exterior Improvements	\$8,847.50
33 - Utilities	\$1,805.00
34 - Transportation	
35 - Waterway and Marine Transportation	
41 - Material Processing and Handling Equipment	
44 - Pollution Control Equipment	
46 - Water and Wastewater Equipment	
48 - Electric Power Generation	
Alternates	\$(61,500.12)
Trades	
Assemblies	
MF04 Bare Total (Without totalling components)	\$525,692.36

CCI Installation Adjustment (McAllen) (6.0000%)	\$8,646.30
JOC Coefficient Standard (-7.0000%)	\$(29,639.23)

Priced/Non-Priced

Total Priced Items:	169	\$525,692.36	
Total Non-Priced Items:	0	\$0.00	0.00%
	169	\$525,692.36	

Grand Total \$393,778.35

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

Item	Description	UM	Quantity	Unit Cost	Total	Book
01 - General Requirements						
1	01-31-13-20-0200 Field personnel, project manager, average	Week	2.0000	\$3,175.00	\$6,350.00	RSM11FAC L, O&P P
2	01-31-13-20-0260 Field personnel, superintendent, average Closest discription to meet the amount paid to superintendant to run the job start to finish.	Week	5.8000	\$2,950.00	\$17,110.00	RSM11FAC L, O&P P
3	01-54-33-40-0160-4 Rent per month for general equipment rental, without operators, aerial lift, scissor type, electric, to 25' high, 2000 lb. capacity Two Lifts three months use.	Ea.	6.0000	\$709.50	\$4,257.00	RSM11FAC E, O&P P
4	01-54-33-40-0170-4 Rent per month for general equipment rental, without operators, aerial lift, telescoping boom, gas, to 40' high, 500 lb. capacity Closest Discription two meet 1 lift 5000 lbs	Ea.	2.0000	\$3,162.50	\$6,325.00	RSM11FAC E, O&P P
5	01-54-36-50-0020 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, dozer, loader, backhoe, excavator, grader, paver, roller, 70 to 150 H.P. Site work Equipment	Ea.	5.0000	\$239.00	\$1,195.00	RSM11FAC L, E, O&P P
6	01-54-36-50-1100 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, small equipment, placed in rear of, or towed by pickup truck Mobilization / demobilization for ten trades	Ea.	20.0000	\$70.00	\$1,400.00	RSM11FAC L, E, O&P P
7	01-54-36-50-1150 Mobilization, up to 25 mile haul distance, 50 miles round trip for mobilization or demobilization crew, small equipment, equipment up to 70 H.P., on flatbed trailer behind pickup truck Lifts Ect.	Ea.	2.0000	\$171.00	\$342.00	RSM11FAC L, E, O&P P
8	01-74-13-20-0052 Cleaning up, cleanup of floor area, continuous, per day, during construction	M.S.F.	185.4408	\$68.00	\$12,609.97	RSM11FAC M, L, E, O&P P
9	01-74-13-20-0052 Cleaning up, cleanup of floor area, continuous, per day, during construction	M.S.F.	0.0000	\$68.00		RSM11FAC M, L, E, O&P P
10	01-74-13-20-0100 Cleaning up, cleanup of floor area, final by General Contractor at end of job Cost is for final clean up of intire job site to turn building over.	M.S.F.	0.0000	\$94.50		RSM11FAC M, L, E, O&P P
01 - General Requirements Total					\$49,588.97	
02 - Existing Conditions						
11	02-41-13-17-5010 Demolish, remove pavement and curb, excludes hauling and disposal fees, pavement removal, bituminous roads, 3" thick Removal of asphalt for west and east section of parking lot	S.Y.	720.0000	\$5.40	\$3,888.00	RSM11FAC L, E, O&P P
12	02-41-13-38-1600 Selective demolition, water and sewer piping and fittings, excludes excavation, plastic pipe, 3/4" to 4" diameter	L.F.	125.0000	\$2.14	\$267.50	RSM11FAC L, O&P P
13	02-41-13-38-2000 Selective demolition, water and sewer piping and fittings, excludes excavation, plastic pipe fittings, 4" to 8" diameter	Ea.	1.0000	\$24.00	\$24.00	RSM11FAC L, E, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

02 - Existing Conditions

Item	Description	UM	Quantity	Unit Cost	Total	Book
14 02-41-19-23-0700	Selective demolition, rubbish handling, the following are to be added to the demolition prices, dumpster, weekly rental, includes one dump per week, 10 C.Y. capacity, 4 tons Closest discription to meet the amount needed dumpester will be dumped as needed possibly twice a month.	Week	6.0000	\$525.00	\$3,150.00	RSM11FAC M, O&P P
15 02-41-19-23-0840	Selective demolition, rubbish handling, the following are to be added to the demolition prices, dumpster, weekly rental, includes one dump per week, 40 C.Y. capacity, 13 tons	Week	7.0000	\$965.00	\$6,755.00	RSM11FAC M, O&P P
16 02-41-19-23-3000	Selective demolition, rubbish handling, the following are to be added to the demolition prices, loading and trucking, including 2 mile haul, chute loaded	C.Y.	54.0000	\$53.00	\$2,862.00	RSM11FAC L, E, O&P P
17 02-41-19-25-0015	Selective demolition, saw cutting, asphalt, up to 3" deep Saw cut asphalt to prepare removal	L.F.	791.0000	\$1.72	\$1,360.52	RSM11FAC M, L, E, O&P P

02 - Existing Conditions Total

\$18,307.02

03 - Concrete

18 03-30-53-40-4050	Concrete in place, including forms (4 uses), reinforcing steel, concrete, placement and finishing unless otherwise indicated, foundation mat, 3000 PSI, over 20 C.Y. Concrete for Foundation, sub base, forming, rebar steel, and finish	C.Y.	133.0000	\$320.00	\$42,560.00	RSM11FAC M, L, E, O&P P
19 03-30-53-40-4050	Concrete in place, including forms (4 uses), reinforcing steel, concrete, placement and finishing unless otherwise indicated, foundation mat, 3000 PSI, over 20 C.Y. Concrete for Foundation, sub base, forming, and rebar steel for pre fabricated building footings.	C.Y.	38.0000	\$320.00	\$12,160.00	RSM11FAC M, L, E, O&P P
20 03-30-53-40-4050	Concrete in place, including forms (4 uses), reinforcing steel, concrete, placement and finishing unless otherwise indicated, foundation mat, 3000 PSI, over 20 C.Y. Concrete work for sidewalks, and valley gutter	C.Y.	75.0000	\$320.00	\$24,000.00	RSM11FAC M, L, E, O&P P

03 - Concrete Total

\$78,720.00

05 - Metals

21 05-12-23-05-0020	Canopy framing, 6" and 8" members, shop fabricated Discription for Structural framing on walk way canopy	Lb.	5,500.0000	\$2.49	\$13,695.00	RSM11FAC Grn, M, L, E, O&P P
22 05-41-13-30-5140	Framing, stud walls, galvanized cold formed load bearing studs with top and bottom track, excludes openings, headers, beams, bridging or bracing, 10' high walls, 18 gauge x 3-5/8" wide, studs 16" O.C. Closest discription to match 3-5/8 metal studs.	L.F.	200.0000	\$24.00	\$4,800.00	RSM11FAC Grn, M, L, O&P P
23 05-41-13-30-5200	Framing, stud walls, galvanized cold formed load bearing studs with top and bottom track, excludes openings, headers, beams, bridging or bracing, 10' high walls, 18 gauge x 6" wide, studs 16" O.C.	L.F.	125.0000	\$27.50	\$3,437.50	RSM11FAC Grn, M, L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

05 - Metals

Item	Description	UM	Quantity	Unit Cost	Total	Book
	Closest to fit 6" studs 20 guage					
05 - Metals Total					\$21,932.50	

06 - Wood, Plastics, and Composites

24	06-11-10-32-4052	Sill and ledger framing, sills, 2" x 6"	L.F.	9.0000	\$2.63	\$23.67	RSM11FAC M, L, O&P	P
25	06-16-36-10-0802	Sheathing, plywood on walls with exterior CDX, 3/4" thick	S.F.	16.0000	\$2.05	\$32.80	RSM11FAC M, L, O&P	P
06 - Wood, Plastics, and Composites Total						\$56.47		

07 - Thermal and Moisture Protection

26	07-21-16-20-0160	Blanket insulation for walls, kraft faced fiberglass, 6" thick, R19, 15" wide	S.F.	900.0000	\$0.83	\$747.00	RSM11FAC Grn, M, L, O&P	P
27	07-21-16-20-0180	Blanket insulation for walls, kraft faced fiberglass, 6" thick, R19, 23" wide Celing	S.F.	3,528.0000	\$0.76	\$2,681.28	RSM11FAC Grn, M, L, O&P	P
28	07-21-16-20-0420	Blanket insulation for walls, foil faced fiberglass, 3-1/2" thick, R13, 15" wide	S.F.	2,500.0000	\$1.01	\$2,525.00	RSM11FAC Grn, M, L, O&P	P
29	07-41-13-20-0100	Steel roofing panels, on steel frame, corrugated or ribbed, galvanized, 28 gauge Discription for metal liner panel	S.F.	1,600.0000	\$4.06	\$6,496.00	RSM11FAC M, L, O&P	P
30	07-41-13-20-0300	Steel roofing panels, on steel frame, corrugated or ribbed, galvanized, 26 gauge Canopy - R-panel type	S.F.	700.0000	\$4.23	\$2,961.00	RSM11FAC M, L, O&P	P
31	07-71-23-10-6100	Downspouts, steel, galvanized, rectangular, plain, 28 gauge, galvanized, 3" x 4"	L.F.	100.0000	\$7.00	\$700.00	RSM11FAC M, L, O&P	P
32	07-84-13-10-0770	Firestopping, construction joints, floor slab to drywall partition, flat joint	L.F.	200.0000	\$13.40	\$2,680.00	RSM11FAC M, L, O&P	P
07 - Thermal and Moisture Protection Total						\$18,790.28		

08 - Openings

33	08-12-13-13-0100	Standard hollow metal frames, steel, knock down, 16 gauge, up to 5-3/4" jamb depth, 7'-0" high, 3'-0" wide, single	Ea.	10.0000	\$228.00	\$2,280.00	RSM11FAC M, L, O&P	P
34	08-12-13-13-0140	Standard hollow metal frames, steel, knock down, 16 gauge, up to 5-3/4" jamb depth, 7'-0" high, 6'-0" wide, double	Ea.	1.0000	\$285.00	\$285.00	RSM11FAC M, L, O&P	P
35	08-13-13-13-0100	Standard hollow metal doors, flush, hollow core, full panel, 1-3/8" thick, 20 gauge, Ea. 3'-0" x 7'-0"	Ea.	2.0000	\$445.00	\$890.00	RSM11FAC M, L, O&P	P
36	08-14-16-09-4040	Smooth wood doors, flush, exterior, solid core, birch, 1-3/4", 3'-0" x 7'-0"	Ea.	8.0000	\$296.00	\$2,368.00	RSM11FAC M, L, O&P	P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

08 - Openings

Item	Description	UM	Quantity	Unit Cost	Total	Book
37 08-33-23-10-0300	Rolling service doors, steel, including hardware, manual, 20 gauge, 12' x 12' high Closest discription to match 12x10 coiling door	Ea.	1.5000	\$3,200.00	\$4,800.00	RSM11FAC M, L, O&P P
38 08-33-23-10-4500	Rolling service doors, motor operators, to 14' x 14' opening Mototor opertator for 12x10 coiling door	Ea.	2.0000	\$1,425.00	\$2,850.00	RSM11FAC M, L, O&P P
39 08-36-13-10-2700	Overhead commercial doors, steel, excluding frame, 24 gauge sectional, manual, 12' x 12' high Closest price by squre footage cost to match 14x8 sectional door	Ea.	1.5000	\$2,125.00	\$3,187.50	RSM11FAC M, L, O&P P
40 08-71-20-15-1000	Hardware, door hardware, apartment, interior Door hardware for interior doors and exit door on North side.	Door	8.0000	\$700.00	\$5,600.00	RSM11FAC M, L, O&P P
41 08-71-20-15-3100	Hardware, average, door hardware, school, stairway, double exterior, with panic device South exterior double door hardware	Pr.	1.0000	\$2,550.00	\$2,550.00	RSM11FAC M, L, O&P P
42 08-71-20-30-0200	Door closers, adjustable backcheck, 3 way mount, non sized, regular arm	Ea.	2.0000	\$276.00	\$552.00	RSM11FAC M, L, O&P P
43 08-81-10-10-0600	Various types and thickness of float glass, 1/4" thick, clear, plain	S.F.	15.0000	\$14.95	\$224.25	RSM11FAC M, L, O&P P
44 08-81-30-10-2500	Reduce heat transfer glass, heat reflective, film inside, 1" thick unit, clear Cosest discription to match 3'x4'x1" insulated glass.	S.F.	72.0000	\$41.00	\$2,952.00	RSM11FAC Grn, M, L, O&P P
45 08-91-19-10-0300	Aluminum louvers, aluminum with screen, residential, 18" x 24"	Ea.	1.0000	\$53.00	\$53.00	RSM11FAC M, L, O&P P

08 - Openings Total

\$28,591.75

09 - Finishes

46 09-22-13-13-1300	Metal channel furring, walls, 7/8" channels, galvanized, 24" O.C. North and South wall hat channel framing.	S.F.	1,000.0000	\$1.56	\$1,560.00	RSM11FAC M, L, O&P P
47 09-22-13-13-1300	Metal channel furring, walls, 7/8" channels, galvanized, 24" O.C. East wall hat channel framing.	S.F.	3,500.0000	\$1.56	\$5,460.00	RSM11FAC M, L, O&P P
48 09-22-13-13-1300	Metal channel furring, walls, 7/8" channels, galvanized, 24" O.C. West Wall hat channel framing	S.F.	2,000.0000	\$1.56	\$3,120.00	RSM11FAC M, L, O&P P
49 09-29-10-30-2050	Gypsum board, on walls and ceilings, nailed or screwed to studs, 5/8" thick, on walls, standard, taped and finished, level 4 finish Interior sheet rock	S.F.	7,900.0000	\$1.53	\$12,087.00	RSM11FAC M, L, O&P P
50 09-29-10-30-2100	Gypsum board, on walls and ceilings, nailed or screwed to studs, 5/8" thick, on walls, fire resistant, excluding finish Exterior and interior gypsum board for east wall.	S.F.	4,116.0000	\$0.87	\$3,580.92	RSM11FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

09 - Finishes

Item	Description	UM	Quantity	Unit Cost	Total	Book
51 09-30-13-10-5820	Ceramic tile, walls, interior, thin set, 12" x 12" tile Includes bill nose	S.F.	3,005.0000	\$6.90	\$20,734.50	RSM11FAC M, L, O&P
52 09-51-23-30-0600	Suspended ceilings, complete, including standard, suspension system, excluding 1-1/2" carrier channels, fiberglass ceiling board, 2' x 4' x 5/8", plain faced Closest discription to install recommended acoustical ceiling	S.F.	3,528.0000	\$2.64	\$9,313.92	RSM11FAC M, L, O&P
53 09-91-23-40-0160	Floors, interior, concrete paint, latex, roll, 1st coat Closest discription to paint flooring	S.F.	450.0000	\$0.40	\$180.00	RSM11FAC M, L, O&P
54 09-91-23-40-0170	Floors, interior, concrete paint, latex, roll, 2nd coat Closest discription to paint flooring	S.F.	450.0000	\$0.28	\$126.00	RSM11FAC M, L, O&P
55 09-91-23-72-0340	Walls and ceilings, interior, concrete, drywall or plaster, latex, primer or sealer coat, sand finish, roller	S.F.	7,900.0000	\$0.47	\$3,713.00	RSM11FAC M, L, O&P
56 09-91-23-72-0840	Walls and ceilings, interior, concrete, drywall or plaster, latex, paint two coats, smooth finish, roller	S.F.	7,900.0000	\$0.72	\$5,688.00	RSM11FAC M, L, O&P
09 - Finishes Total					\$65,563.34	

10 - Specialties

57 10-21-13-19-1050	Plastic toilet compartments, cubicles, floor and ceiling anchored, phenolic Closest Discription for toilet partitions	Ea.	3.0000	\$1,100.00	\$3,300.00	RSM11FAC M, L, O&P
58 10-28-13-13-0610	Commercial toilet accessories, dispenser units, towel dispenser and waste receptacle, 18 gallon capacity	Ea.	2.0000	\$345.00	\$690.00	RSM11FAC M, L, O&P
59 10-28-13-13-1300	Commercial toilet accessories, grab bar, straight, 1-1/2" diameter, stainless steel, 36" long	Ea.	2.0000	\$65.50	\$131.00	RSM11FAC M, L, O&P
60 10-28-13-13-1310	Commercial toilet accessories, grab bar, straight, 1-1/2" diameter, stainless steel, 42" long	Ea.	2.0000	\$79.00	\$158.00	RSM11FAC M, L, O&P
61 10-28-13-13-3000	Commercial toilet accessories, mirror, with stainless steel 3/4" square frame, 18" x 24"	Ea.	2.0000	\$80.00	\$160.00	RSM11FAC M, L, O&P
62 10-28-13-13-4300	Commercial toilet accessories, robe hook, single, regular	Ea.	2.0000	\$28.00	\$56.00	RSM11FAC M, L, O&P
63 10-28-13-13-5000	Commercial toilet accessories, soap dispenser, recessed stainless steel, liquid	Ea.	2.0000	\$192.00	\$384.00	RSM11FAC M, L, O&P
64 10-28-13-13-6100	Commercial toilet accessories, toilet tissue dispenser, surface mounted, stainless steel, single roll	Ea.	2.0000	\$37.50	\$75.00	RSM11FAC M, L, O&P
10 - Specialties Total					\$4,954.00	

Preliminary Estimate, by line item

Estimator: Fred Lozano			Combined estimates...					
Item	Description	UM	Quantity	Unit Cost	Total	Book		
12 - Furnishings								
65	12-21-13-13-0090	Metal horizontal louver blinds, horizontal, 1" aluminum slats, custom, minimum	S.F.	72.0000	\$6.75	\$486.00	RSM11FAC M, L, O&P	P
12 - Furnishings Total					\$486.00			
13 - Special Construction								
66	13-34-19-50-1500	Pre-engineered steel buildings, clear span tapered beam frame, 30 P.S.F. roof and 20 P.S.F. wind load, excluding footings, slabs and anchor bolts, 26 gauge colored roofing and siding, 30' to 39' wide, 16' eave height	SF Flr.	3,704.0000	\$26.00	\$96,304.00	RSM11FAC M, L, E, O&P	P
13 - Special Construction Total					\$96,304.00			
22 - Plumbing								
67	22-13-19-13-2640	Sanitary drains, floor, acid resistant, PVC, 2", 3" and 4" pipe size	Ea.	3.0000	\$360.00	\$1,080.00	RSM11FAC M, L, O&P	P
68	22-41-16-10-0760	Lavatories, including trim, white, vanity top, porcelain enamel on cast iron, 20" x 12" triangular bowl Closest Discription	Ea.	2.0000	\$450.00	\$900.00	RSM11FAC M, L, O&P	P
69	22-42-39-10-0972	Faucets and fittings, flush valves, automatic flush sensor and operator for urinals or water closets, standard	Ea.	3.0000	\$545.00	\$1,635.00	RSM11FAC Grn, M, L, O&P	P
70	22-42-39-10-0984	Faucets and fittings, flush valves, automatic flush sensor and operator for urinals or water closets, high efficiency water saving, water closets, 1.28 GPF	Ea.	3.0000	\$520.00	\$1,560.00	RSM11FAC M, L, O&P	P
71	22-42-39-10-2810	Faucets and fittings, faucets for lavatories, automatic sensor and operator, with faucet head	Ea.	2.0000	\$520.00	\$1,040.00	RSM11FAC M, L, O&P	P
72	22-43-13-40-1150	Water closets, bowl only, one piece, vitreous china, including seat and flush valve, ADA compliant, 18" high, floor mounted, with wall outlet Closest Discription	Ea.	3.0000	\$635.00	\$1,905.00	RSM11FAC M, L, O&P	P
73	22-47-16-10-0140	Electric water coolers, wall mounted, non-recessed, 4 GPH Closest Discription	Ea.	2.0000	\$975.00	\$1,950.00	RSM11FAC M, L, O&P	P
22 - Plumbing Total					\$10,070.00			
23 - Heating, Ventilating, and Air-Conditioning (HVAC)								
74	23-31-13-13-0520	Rectangular metal ducts, fabricated rectangular, including approximately 25% fittings, joints, supports, allowance for flexible connections, excluding insulation, fabrication and installation are combined as labor cost, galvanized steel, 200 to 500 lb.	Lb.	500.0000	\$8.10	\$4,050.00	RSM11FAC M, L, O&P	P
75	23-31-13-16-5420	Round and flat-oval spiral ducts, spiral preformed, steel, galvanized, straight lengths, maximum 10" static pressure water gauge, 6" diameter, 26 gauge	L.F.	60.0000	\$6.10	\$366.00	RSM11FAC M, L, O&P	P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

23 - Heating, Ventilating, and Air-Conditioning (HVAC)

Item	Description	UM	Quantity	Unit Cost	Total	Book
76	23-31-13-16-5430 Round and flat-oval spiral ducts, spiral preformed, steel, galvanized, straight lengths, maximum 10" static pressure water gauge, 8" diameter, 26 gauge	L.F.	210.0000	\$8.40	\$1,764.00	RSM11FAC M, L, O&P P
77	23-31-13-16-5440 Round and flat-oval spiral ducts, spiral preformed, steel, galvanized, straight lengths, maximum 10" static pressure water gauge, 10" diameter, 26 gauge	L.F.	50.0000	\$10.50	\$525.00	RSM11FAC M, L, O&P P
78	23-31-13-16-5450 Round and flat-oval spiral ducts, spiral preformed, steel, galvanized, straight lengths, maximum 10" static pressure water gauge, 12" diameter, 26 gauge	L.F.	30.0000	\$13.60	\$408.00	RSM11FAC M, L, O&P P
79	23-31-13-16-5460 Round and flat-oval spiral ducts, spiral preformed, steel, galvanized, straight lengths, maximum 10" static pressure water gauge, 14" diameter, 24 gauge	L.F.	50.0000	\$19.60	\$980.00	RSM11FAC M, L, O&P P
80	23-31-13-16-8400 Round and flat-oval spiral ducts, spiral preformed, steel, PVC coated both sides, elbow, 45°, 6" diameter	Ea.	2.0000	\$39.00	\$78.00	RSM11FAC M, L, O&P P
81	23-31-13-16-8806 Round and flat-oval spiral ducts, spiral preformed, steel, PVC coated both sides, elbow, 90°, 6" diameter	Ea.	2.0000	\$44.00	\$88.00	RSM11FAC M, L, O&P P
82	23-31-13-16-8808 Round and flat-oval spiral ducts, spiral preformed, steel, PVC coated both sides, elbow, 90°, 8" diameter	Ea.	14.0000	\$59.50	\$833.00	RSM11FAC M, L, O&P P
83	23-31-13-16-8814 Round and flat-oval spiral ducts, spiral preformed, steel, PVC coated both sides, elbow, 90°, 14" diameter	Ea.	2.0000	\$133.00	\$266.00	RSM11FAC M, L, O&P P
84	23-33-13-13-5994 Volume control dampers, multi blade dampers, opposed blade, 8" x 8"	Ea.	19.0000	\$52.50	\$997.50	RSM11FAC M, L, O&P P
85	23-33-13-13-6035 Volume control dampers, multi blade dampers, opposed blade, 16" x 16"	Ea.	3.0000	\$85.00	\$255.00	RSM11FAC M, L, O&P P
86	23-33-13-16-4510 Fire dampers, fire and smoke combination damper, louver type, U.L. label, 8" x 8" Ea. In discription of 6- balancing damper	Ea.	5.0000	\$173.00	\$865.00	RSM11FAC M, L, O&P P
87	23-33-46-10-2560 Flexible air ducts, flexible, coated fiberglass fabric on corrosion resistant metal helix, pressure to 12" water gauge, UL-181, insulated, heavy duty, coated fiberglass fabric, 6" diameter	L.F.	30.0000	\$9.00	\$270.00	RSM11FAC Grn, M, L, O&P P
88	23-33-46-10-2600 Flexible air ducts, flexible, coated fiberglass fabric on corrosion resistant metal helix, pressure to 12" water gauge, UL-181, insulated, heavy duty, coated fiberglass fabric, 8" diameter	L.F.	100.0000	\$12.20	\$1,220.00	RSM11FAC Grn, M, L, O&P P
89	23-33-46-10-2680 Flexible air ducts, flexible, coated fiberglass fabric on corrosion resistant metal helix, pressure to 12" water gauge, UL-181, insulated, heavy duty, coated fiberglass fabric, 14" diameter	L.F.	6.0000	\$25.00	\$150.00	RSM11FAC Grn, M, L, O&P P
90	23-34-16-10-7100 Centrifugal type HVAC fans, roof exhauster, centrifugal, aluminum housing, 12" galvanized, curb, bird screen, back draft damper, 1/4" S.P., direct drive, 320 CFM, 11" square damper Closest discription to specs. EF-I spec call for 350 CFM 1/8 HP	Ea.	1.0000	\$880.00	\$880.00	RSM11FAC M, L, O&P P
91	23-34-23-10-6670 HVAC power circulators and ventilators, residential, bath exhaust, grille, back draft damper, 110 CFM	Ea.	1.0000	\$154.00	\$154.00	RSM11FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

23 - Heating, Ventilating, and Air-Conditioning (HVAC)

Item	Description	UM	Quantity	Unit Cost	Total	Book
Closest discription to print. Plans spec out 100 CFM (76) HP						
92	23-37-13-10-1060 Diffusers, aluminum, opposed blade damper, ceiling, rectangular, 1 to 4 way blow, 12" x 12"	Ea.	2.0000	\$141.00	\$282.00	RSM11FAC M, L, O&P
93	23-37-13-10-1180 Diffusers, aluminum, opposed blade damper, ceiling, rectangular, 1 to 4 way blow, 24" x 24"	Ea.	19.0000	\$380.00	\$7,220.00	RSM11FAC M, L, O&P
94	23-37-13-30-3970 Grilles, aluminum, eggcrate, framed, 12" x 12" opening	Ea.	2.0000	\$59.00	\$118.00	RSM11FAC M, L, O&P
95	23-37-13-30-4040 Grilles, aluminum, eggcrate, framed, 24" x 24" opening	Ea.	7.0000	\$128.00	\$896.00	RSM11FAC M, L, O&P
96	23-81-43-10-1510 Air source heat pumps, excluding interconnecting tubing, curbs, pads, and ductwork, including supplementary electric heat coil, air to air, split system, single package, 1.5 ton cooling, 5 MBH heat @ 0° F Closest discription for all split packeges	Ea.	3.5000	\$3,575.00	\$12,512.50	RSM11FAC M, L, O&P
97	23-81-43-10-1520 Air source heat pumps, excluding interconnecting tubing, curbs, pads, and ductwork, including supplementary electric heat coil, air to air, split system, single package, 2 ton cooling, 6.5 MBH heat @ 0° F	Ea.	1.0000	\$3,825.00	\$3,825.00	RSM11FAC M, L, O&P
23 - Heating, Ventilating, and Air-Conditioning (HVAC) Total					\$39,003.00	

26 - Electrical

98	26-05-05-20-0210 Electrical demolition, wiring methods, armored cable, with PVC jacket, in cable tray, 350 kcmil Remove Existing Feeders	C.L.F.	8.0000	\$187.00	\$1,496.00	RSM11FAC L, O&P
99	26-05-19-35-0030 Cable terminations, screw-on connectors, insulated, #18 to #12	Ea.	500.0000	\$2.70	\$1,350.00	RSM11FAC M, L, O&P
100	26-05-19-35-0035 Cable terminations, screw-on connectors, insulated, #16 to #10	Ea.	100.0000	\$2.87	\$287.00	RSM11FAC M, L, O&P
101	26-05-19-90-0140 Wire, 600 volt, coppber type THW, stranded, #8 Feeder 1011	C.L.F.	0.2000	\$113.00	\$22.60	RSM11FAC M, L, O&P
102	26-05-19-90-0160 Wire, 600 volt, coppber type THW, stranded, #6 Feeder 1020	C.L.F.	1.7000	\$156.00	\$265.20	RSM11FAC M, L, O&P
103	26-05-19-90-0220 Wire, 600 volt, coppber type THW, stranded, #2 Grounding Conductor	C.L.F.	0.3000	\$287.00	\$86.10	RSM11FAC M, L, O&P
104	26-05-19-90-0240 Wire, 600 volt, copper type THW, stranded, #1 Feeder 1000	C.L.F.	0.2000	\$345.00	\$69.00	RSM11FAC M, L, O&P
105	26-05-19-90-0240 Wire, 600 volt, coppber type THW, stranded, #1 Feeder 1011	C.L.F.	1.0000	\$345.00	\$345.00	RSM11FAC M, L, O&P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
106 26-05-19-90-0240	Wire, 600 volt, coppber type THW, stranded, #1 Feeder P001	C.L.F.	1.1000	\$345.00	\$379.50	RSM11FAC M, L, O&P P
107 26-05-19-90-0300	Wire, 600 volt, coppber type THW, stranded, 3/0 Feeder 1020	C.L.F.	6.2000	\$620.00	\$3,844.00	RSM11FAC M, L, O&P P
108 26-05-19-90-0300	Wire, 600 volt, coppber type THW, stranded, 3/0 Feeder 1010	C.L.F.	1.2000	\$620.00	\$744.00	RSM11FAC M, L, O&P P
109 26-05-19-90-0450	Wire, 600 volt, coppber type THW, stranded, 350 kcmil Feeder P001	C.L.F.	6.6000	\$1,125.00	\$7,425.00	RSM11FAC M, L, O&P P
110 26-05-19-90-0450	Wire, 600 volt, coppber type THW, stranded, 350 kcmil Feeder 1000	C.L.F.	1.0000	\$1,125.00	\$1,125.00	RSM11FAC M, L, O&P P
111 26-05-19-90-1200	Wire, 600 volt, copper type THWN-THHN, stranded, #12	C.L.F.	82.0000	\$70.00	\$5,740.00	RSM11FAC M, L, O&P P
112 26-05-19-90-1250	Wire, 600 volt, copper type THWN-THHN, stranded, #10 Shredder Circuit	C.L.F.	1.3000	\$83.50	\$108.55	RSM11FAC M, L, O&P P
113 26-05-19-90-1400	Wire, 600 volt, copper type THWN-THHN, stranded, #4 Shredder Circuit	C.L.F.	5.2000	\$211.00	\$1,097.20	RSM11FAC M, L, O&P P
114 26-05-26-80-0100	Grounding, rod, copper clad, 10' long, 3/4" diameter	Ea.	2.0000	\$183.00	\$366.00	RSM11FAC M, L, O&P P
115 26-05-26-80-0250	Grounding, clamp, bronze, 3/4" diameter	Ea.	2.0000	\$27.50	\$55.00	RSM11FAC M, L, O&P P
116 26-05-33-13-5020	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., electric metallic tubing (EMT), 3/4" diameter	L.F.	2,200.0000	\$5.85	\$12,870.00	RSM11FAC M, L, O&P P
117 26-05-33-13-5040	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., electric metallic tubing (EMT), 1" diameter	L.F.	120.0000	\$7.20	\$864.00	RSM11FAC M, L, O&P P
118 26-05-33-13-5100	Conduit, to 15' high, includes 2 terminations, 2 elbows, 11 beam clamps, and 11 couplings per 100 L.F., electric metallic tubing (EMT), 2" diameter Feeder 1020	L.F.	150.0000	\$12.90	\$1,935.00	RSM11FAC M, L, O&P P
119 26-05-33-13-5220	Conduit, to 15' high, electric metallic tubing (EMT), field bends, 45° to 90°, 3/4" diameter	Ea.	285.0000	\$7.70	\$2,194.50	RSM11FAC L, O&P P
120 26-05-33-13-5240	Conduit, to 15' high, electric metallic tubing (EMT), field bends, 45° to 90°, 1" diameter	Ea.	2.0000	\$8.45	\$16.90	RSM11FAC L, O&P P
121 26-05-33-13-5300	Conduit, to 15' high, electric metallic tubing (EMT), field bends, 45° to 90°, 2" diameter Feeder 1020	Ea.	2.0000	\$23.50	\$47.00	RSM11FAC L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
122 26-05-33-13-5340	Conduit, to 15' high, electric metallic tubing (EMT), field bends, offsets, 3/4" diameter	Ea.	130.0000	\$9.95	\$1,293.50	RSM11FAC L, O&P P
123 26-05-33-13-5360	Conduit, to 15' high, electric metallic tubing (EMT), field bends, offsets, 1" diameter	Ea.	3.0000	\$11.60	\$34.80	RSM11FAC L, O&P P
124 26-05-33-13-5420	Conduit, to 15' high, electric metallic tubing (EMT), field bends, offsets, 2" diameter Feeder 1020	Ea.	2.0000	\$31.00	\$62.00	RSM11FAC L, O&P P
125 26-05-33-13-7470	Conduit, to 15' high, electric metallic tubing (EMT), EMT, LB, LR or LL fittings with covers, set screw, 2" diameter Feeder 1020	Ea.	1.0000	\$135.00	\$135.00	RSM11FAC M, L, O&P P
126 26-05-33-13-8750	Conduit, to 15' high, electric metallic tubing (EMT), couplings, compression, steel, 2" diameter Feeder 1020	Ea.	6.0000	\$44.50	\$267.00	RSM11FAC M, O&P P
127 26-05-33-13-8810	Conduit, to 15' high, electric metallic tubing (EMT), box connectors, compression, steel, 3/4" diameter	Ea.	217.0000	\$9.95	\$2,159.15	RSM11FAC M, L, O&P P
128 26-05-33-13-8820	Conduit, to 15' high, electric metallic tubing (EMT), box connectors, compression, steel, 1" diameter	Ea.	2.0000	\$13.95	\$27.90	RSM11FAC M, L, O&P P
129 26-05-33-13-8850	Conduit, to 15' high, electric metallic tubing (EMT), box connectors, compression, steel, 2" diameter Feeder 1020	Ea.	4.0000	\$41.50	\$166.00	RSM11FAC M, L, O&P P
130 26-05-33-14-0600	Conduit to 15' high, includes couplings, rigid galvanized steel, 2" diameter Feeders between 'MDF' room and 'IDF' room	L.F.	225.0000	\$15.55	\$3,498.75	RSM11FAC M, L, O&P P
131 26-05-33-14-0620	Conduit to 15' high, includes couplings, rigid galvanized steel, 2-1/2" diameter Feeder P001	L.F.	40.0000	\$24.50	\$980.00	RSM11FAC M, L, O&P P
132 26-05-33-15-3780	Conduit nipples, including locknuts and bushings, rigid galvanized steel, 2-1/2" diameter, 12" long Feeders 1000 & 1010	Ea.	2.0000	\$141.00	\$282.00	RSM11FAC M, L, O&P P
133 26-05-33-16-0150	Outlet boxes, pressed steel, square, 4"	Ea.	150.0000	\$33.50	\$5,025.00	RSM11FAC M, L, O&P P
134 26-05-33-16-0200	Outlet boxes, pressed steel, square, 4", extension rings	Ea.	100.0000	\$22.00	\$2,200.00	RSM11FAC M, L, O&P P
135 26-05-33-16-0250	Outlet boxes, pressed steel, square, 4", covers, blank	Ea.	50.0000	\$11.45	\$572.50	RSM11FAC M, L, O&P P
136 26-05-33-18-2150	Pull boxes, sheet metal, pull box, NEMA 3R, type screw cover (SC), raintight and weatherproof, 6" length x 6" width x 6" deep	Ea.	1.0000	\$89.00	\$89.00	RSM11FAC M, L, O&P P
137 26-05-36-40-0300	Cable tray, covers and dividers, to 15' high, covers, ventilated galvanized steel, straight, 12" wide tray size	L.F.	80.0000	\$11.95	\$956.00	RSM11FAC M, L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
138 26-05-39-40-0200	Conduit in trench, includes terminations and fittings, excludes excavation or backfill, rigid galvanized steel, 2" diameter Feeders between 'MDF' room and 'IDF' room	L.F.	100.0000	\$11.15	\$1,115.00	RSM11FAC M, L, O&P P
139 26-05-39-40-0400	Conduit in trench, includes terminations and fittings, excludes excavation or backfill, rigid galvanized steel, 2-1/2" diameter Feeder P001	L.F.	50.0000	\$19.65	\$982.50	RSM11FAC M, L, O&P P
140 26-09-13-10-0800	Switchboard instruments, 3 phase, 4 wire, 3 current transformers, 5 to 800 amp Current Transformers	Ea.	3.5000	\$3,525.00	\$12,337.50	RSM11FAC M, L, O&P P
141 26-24-16-30-2300	Panelboards commercial applications, NQOD panel, with 20 amp, 1 pole, circuit breakers, 4 wire, 120/208 volt with main circuit breaker, 400 amp main, 42 circuits New Panels	Ea.	1.0000	\$5,875.00	\$5,875.00	RSM11FAC M, L, O&P P
142 26-24-16-30-2350	Panelboards commercial applications, NQOD panel, with 20 amp, 1 pole, circuit breakers, 4 wire, 120/208 volt with main circuit breaker, 600 amp main, 42 circuits New Panels	Ea.	1.0000	\$7,975.00	\$7,975.00	RSM11FAC M, L, O&P P
143 26-24-16-30-3110	Panelboards commercial applications, main lug, excluding main breaker, 240 volt, 3 pole, 4 wire, 100 amp New Panel with Lugs Only	Ea.	1.0000	\$920.00	\$920.00	RSM11FAC M, L, O&P P
144 26-27-13-10-2120	Meter centers and sockets, meter center, main fusible switch, 3 pole, 4 wire, 120/208 volt, 800 amp New Meter Socket	Ea.	1.0000	\$9,150.00	\$9,150.00	RSM11FAC M, L, O&P P
145 26-27-16-10-7200	Cabinets, current transformer, single door, 30" high x 30" wide x 10" deep Current Transformers	Ea.	1.0000	\$865.00	\$865.00	RSM11FAC M, L, O&P P
146 26-27-26-20-0500	Wiring devices elements, toggle switch, quiet type, 1 pole, 20 amp	Ea.	11.0000	\$31.50	\$346.50	RSM11FAC M, L, O&P P
147 26-27-26-20-0800	Wiring devices elements, toggle switch, 3 way, 20 amp	Ea.	4.0000	\$44.00	\$176.00	RSM11FAC M, L, O&P P
148 26-27-26-20-1000	Wiring devices elements, toggle switch, 4 way, 20 amp	Ea.	1.0000	\$101.00	\$101.00	RSM11FAC M, L, O&P P
149 26-27-26-20-2470	Wiring devices elements, receptacle, duplex, 120 volt, grounded, 20 amp	Ea.	62.0000	\$34.50	\$2,139.00	RSM11FAC M, L, O&P P
150 26-27-26-20-2482	Wiring devices elements, receptacle, duplex, ground fault interrupting, 20 amp	Ea.	6.0000	\$65.00	\$390.00	RSM11FAC M, L, O&P P
151 26-27-26-20-4040	Wiring devices elements, receptacle, 60 amp, 3 pole, 250 volt NEMA 15 Shredder Outlet	Ea.	1.0000	\$178.00	\$178.00	RSM11FAC M, L, O&P P
152 26-51-13-50-0940	Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, cool white lamps, troffer, recess mounted in grid, rapid start, acrylic lens, 2' wide x 4' long, two 32 watt T8	Ea.	8.0000	\$196.00	\$1,568.00	RSM11FAC Gm, M, L, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

26 - Electrical

Item	Description	UM	Quantity	Unit Cost	Total	Book
Type B/BE Light Fixtures						
153	26-51-13-50-0940 Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, cool white lamps, troffer, recess mounted in grid, rapid start, acrylic lens, 2' wide x 4' long, two 32 watt T8	Ea.	4.0000	\$196.00	\$784.00	RSM11FAC Grn, M, L, O&P P
Type C/CE Light Fixtures						
154	26-51-13-50-0950 Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, cool white lamps, troffer, recess mounted in grid, rapid start, acrylic lens, 2' wide x 4' long, three 32 watt T8	Ea.	20.0000	\$207.00	\$4,140.00	RSM11FAC Grn, M, L, O&P P
Type A/AE Light Fixtures						
155	26-51-13-50-3100 Interior lighting fixtures, including lamps, mounting hardware and connections, fluorescent, strip fixture, pendent mounted, industrial, white porcelain enamel, 4' long, two 40 watt, rapid start	Ea.	8.0000	\$165.00	\$1,320.00	RSM11FAC M, L, O&P P
Typr F Light Fixtures						
156	26-51-13-50-7690 Interior lighting fixtures, emergency ballast, factory installed in fixture	Ea.	10.0000	\$169.00	\$1,690.00	RSM11FAC M, O&P P
Emergency Ballasts						
157	26-53-13-10-0240 Exit lighting fixtures, exit light ceiling or wall mount, L.E.D. with battery unit, single face	Ea.	3.0000	\$272.00	\$816.00	RSM11FAC Grn, M, L, O&P P
158	26-56-23-10-1170 Exterior fixtures, including lamps, wall pack, high pressure sodium, 150 watt	Ea.	15.0000	\$430.00	\$6,450.00	RSM11FAC M, L, O&P P
NLI - New Fixture type'G'						
159	26-61-13-10-0120 Energy saving lighting devices, occupancy sensors, dual technology ceiling mounted	Ea.	4.0000	\$299.00	\$1,196.00	RSM11FAC M, L, O&P P

26 - Electrical Total

\$120,995.65

28 - Electronic Safety and Security

160	28-31-23-50-4170 Alarm panels and devices, excluding wires and conduit, fire, alarm control panel, addressable, with voice, up to 400 points CLOSEST DISCRIPTION TO MATCH INCLUDES STAMPED DRAWINGS	Ea.	1.0000	\$11,700.00	\$11,700.00	RSM11FAC M, L, O&P P
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28 - Electronic Safety and Security Total

\$11,700.00

31 - Earthwork

161	31-23-23-17-0500 General fill, spread dumped material, gravel fill, compacted, under floor slabs, 4" deep Closest match paving sub base	S.F.	3,800.0000	\$0.74	\$2,812.00	RSM11FAC M, L, E, O&P P
162	31-23-23-17-0500 General fill, spread dumped material, gravel fill, compacted, under floor slabs, 4" deep Side walk and asphalt sub base	S.F.	7,500.0000	\$0.74	\$5,550.00	RSM11FAC M, L, E, O&P P

Preliminary Estimate, by line item

Estimator: Fred Lozano

Combined estimates...

31 - Earthwork

Item	Description	UM	Quantity	Unit Cost	Total	Book
163 31-31-16-13-0200	Chemical termite control, slab and walls, commercial, maximum	SF Flr.	3,500.0000	\$0.89	\$3,115.00	RSM11FAC M, L, O&P
31 - Earthwork Total					\$11,477.00	

32 - Exterior Improvements

164 32-12-16-13-0380	Plant-mix asphalt paving, for large paved areas, excluding hauling costs, wearing course, 2" thick	S.Y.	850.0000	\$9.95	\$8,457.50	RSM11FAC M, L, E, O&P
165 32-17-23-13-0020	Painted pavement markings, acrylic waterborne, white or yellow, 4" wide	L.F.	300.0000	\$0.38	\$114.00	RSM11FAC M, L, E, O&P
166 32-17-23-14-1200	Pavement parking markings, handicap symbol	Ea.	6.0000	\$46.00	\$276.00	RSM11FAC M, L, O&P
32 - Exterior Improvements Total					\$8,847.50	

33 - Utilities

167 33-11-13-25-2100	Water supply, polyvinyl chloride pipe, excluding excavation or backfill, PVC pipe, Class 150, 1-1/2" diameter	L.F.	500.0000	\$1.46	\$730.00	RSM11FAC M, L, O&P
168 33-71-16-33-6600	Wood electrical utility poles, excluding excavation, backfill and cast in place concrete, electric and telephone sitework, poles, wood, preservative treatment, 30' high Feeder P001	Ea.	1.0000	\$1,075.00	\$1,075.00	RSM11FAC M, L, E, O&P
33 - Utilities Total					\$1,805.00	

Alternates

169 01-21-53-50	favorable buyout and negotiation price extension to clinet Discount and negotiated price extension to clinet	Job	1.0000	\$-61,500.12	\$(61,500.12)	CUSTOM M, L, O&P
Alternates Total					\$(61,500.12)	

Estimate Grand Total 393,778.35