

February 26, 2014



Daniel Flores
Hidalgo Co.
Edinburg, TX 78539

Via E-mail: daniel.flores@co.hidalgo.tx.us

**RE: Hidalgo Co. Autopsy
Autopsy Facility/HEPPA Filter Modification
#11-039-OGG**

Dear Mr. Flores,

CAS Companies is pleased to provide you with this proposal for the Heppa Filter Installation.

CAS Companies is an approved vendor through **The Interlocal Purchasing System (Tips/Taps)** contract **#JOC – 10012413** whom Hidalgo County would contract with to perform the work described in the deliver work order scope below.

This bid and the detailed services are being offered through The Interlocal Purchasing System Act. By utilizing the **Tips/Taps** program, Hidalgo County will automatically be dealing with a Qualified, Professional Contractor that meets the strict requirements for contract vendors and will be satisfying all state bid requirements. This results in savings to Hidalgo County by reducing the time and expense for the bid process and will allow the work to be completed in a more timely manner.

CAS Companies requires a signed proposal by Hidalgo County to schedule the work.

Sincerely,

Raymond Moses Jr
CAS Companies, LP
South Texas Div Manager

1306 FM 1092, Ste. 304
Missouri City, TX 77459
Phone: 281.499.4747
Fax: 281.499.6655

3765 S. Alameda, Ste. 315
Corpus Christi, TX 78411
Phone: 361.334.0688

5402 S. Expressway 83
Harlingen, TX 78552
Phone: 956.216.8200
Fax: 956.216.8069

www.caslp.com

CAS Companies, LP

5402 S. Expressway 83

Harlingen, Texas

Scope of Work:

1. Install one Heppa Filter.
2. Install Air flow Station/Valve.
3. Install 2 Linier Slot Diffusers make duct Modification.
4. Install 6 Exhaust grillers as per Plans. Cut holes in cinder Block for Grill installation
5. Install Exhaust Fan, EF Fan Curb on roof, Exhaust stack Cables/Anchors.
6. Modify Exhaust duct to fit Heppa filter and air flow station above ceiling in Autopsy area.
7. Modify Plumbing clean out at Cinder Block Chases.
8. Install 30 Amp Electrical power circuit as per Plans .
9. Install VFD and controls to maintain proper air flow as per design.
10. Install Filter red alarm light and on off switch.
11. Roofing work to be provided by Hidalgo County.
12. Permits, Tips, P & P Bond to be billed separately

Excludes:

1. Applicable Taxes
2. Unforeseen conditions.
3. Test and Balance TAB
4. Roofing by County
5. Additional Electrical work that may be required to bring Electrical power feed to building up to code.
6. Permits, Tips JOC, Bonds Cost to be billed separately.

Proposal Amount: \$ 40,358.35

CAS Companies requires a signed proposal in order to schedule the work. Thank you for this bid opportunity.

By (print) _____

Title: _____

Purchase Order: _____

Date: _____

Acceptance Signature: _____

To schedule the work, please sign and fax back to our office: Fax: (956) 216-8069

By signing above, customer authorizes performance of the agreed to work and shall pay for the services and/or other services authorized and agreed to by customer. All charges shall be paid immediately upon completion of the performed services. Customer expressly agrees to pay all costs for collection of payment, if necessary, including attorney's fees and court costs. Interest on an open balance is billed at the higher of 2% per month or the maximum lawful rate.






































Hidalgo County
 3100 S buisness 281
 Edinburg, Texas
 Date: 27-Feb-14

Morgue Heppa Filter
 Year 2013 Quarter 4
 Unit Detail Report

Prepared By:
 Raymond Moses
 CAS Companies

LineNumber	Description	Quantity	Unit	Total Incl. O&P	Ext. Total Incl. O&P
Division 01 General Requirements					
013113200240	Field personnel, superintendent, minimum	3.00	Week	\$2,975.00	\$8,925.00
Division 01 General Requirements Subtotal					\$8,925.00
Division 02 Existing Conditions					
024119162440	Selective demolition, cutout, concrete block, to 4 S.F. opening, 8" thick, excludes loading and disposal	5.00	Ea.	\$80.35	\$401.75
024119200100	Selective demolition, dump charges, typical urban city, building construction materials, includes tipping fees only	1.00	Ton	\$90.00	\$90.00
024119251220	Selective demolition, saw cutting, masonry walls, block, solid, per inch of depth	40.00	L.F.	\$7.24	\$289.60
Division 02 Existing Conditions Subtotal					\$781.35
Division 06 Wood, Plastics, and Composites					
061110305960	Wood framing, roof curbs, untreated, 2" x 6"	40.00	L.F.	\$1.49	\$59.60
Division 06 Wood, Plastics, and Composites Subtotal					\$59.60
Division 22 Plumbing					
221113744216	Pipe, plastic, ABS, foam core, 2" diameter, DWV, schedule 40, includes couplings 10' OC, and hangers 3 per 10'	20.00	L.F.	\$10.68	\$213.60
221113764570	Elbow, 1/4 bend, plastic, ABS, non-pressure, socket joint, 2", type DWV	2.00	Ea.	\$19.49	\$38.98
221316606722	Traps, ABS, P trap, solvent weld joint, 2" pipe size, type DWV	2.00	Ea.	\$32.74	\$65.48
Division 22 Plumbing Subtotal					\$318.06
Division 23 Heating, Ventilating, and Air Conditioning (HVAC)					
230505101400	Air conditioner, ductwork, rigid, 18" x 24", selective demolition	30.00	L.F.	\$2.21	\$66.30
233113130540	Metal ductwork, fabricated rectangular, galvanized steel, 500 to 1000 lb., includes fittings, joints, supports and allow for a flexible conn. field sketches, excludes as-built dwgs. and insul.	1,200.00	Lb.	\$3.28	\$3,936.00

LineNumber				Description	Quantity	Unit	Total Incl. O&P	Ext. Total Incl. O&P
233113131040				Metal ductwork, fabricated rectangular, 1000 to 2000 lb., stainless steel, type 304, includes fittings, joints, supports and allow for a flexible conn. field sketches, excludes as-built dwgs. and insul.	1,200.00	Lb.	\$6.60	\$7,920.00
233113131040				Metal Ductwork, fabricated rectangular, for 50% fittings, add	1.00	Lb.	\$1.77	\$2,123.52
233113131040				Metal Ductwork, fabricated rectangular, for welded ductwork, add	1.00	Lb.	\$2.69	\$3,223.20
233346101640				Ductwork, flexible coated fiberglass fabric on corrosion resistant metal helix, non-insulated, 10" diameter, pressure to 12"(WG) UL-181	25.00	L.F.	\$5.26	\$131.50
233416105540				Fans, industrial exhauster, 2000 CFM, 3 H.P.	1.00	Ea.	\$4,182.92	\$4,182.92
233616105530				Duct accessories, mixing box, variable air volume, cool only, pneumatic pressure independent, 1100 to 2000 CFM, includes electric or pneumatic motor	1.00	Ea.	\$965.87	\$965.87
233713100160				Diffuser, aluminum, ceiling, also for sidewall, 4" wide, includes opposed blade damper	2.00	L.F.	\$33.65	\$67.30
233713304020				Grille, aluminum, eggcrate, framed, 22" x 22" opening	4.00	Ea.	\$73.38	\$293.52
234213100070				Air filter, activated charcoal type, HEPA filter & frame for field erection	10.00	MCFM	\$357.39	\$3,573.90
Division 23 Heating, Ventilating, and Air Conditioning (HVAC) Subtotal								\$26,484.03
Division 26 Electrical								
260140513000				Switch cover, maintenance, remove and replace (reinstall), incl. remove, store, and reinstall	8.00	Ea.	\$3.76	\$30.08
260505100220				Conduit, electric metallic tubing (EMT), 1-1/4" to 1-1/2" diameter, electrical demolition, remove conduit to 15' high, including fittings & hangers	30.00	L.F.	\$0.69	\$20.70
260505101760				Switch boxes, electrical demolition, remove, including removal of supports and terminations	1.00	Ea.	\$2.11	\$2.11
260505205080				Conduit nipples, 1-1/4" diameter, electrical demolition, remove, incl locknuts and bushings	6.00	Ea.	\$3.27	\$19.62
260505350160				Circuit breakers, 3 pole, 600 V, 100 A, in enclosure (NEMA 1), electrical demolition, remove	1.00	Ea.	\$30.97	\$30.97
260519900120				Wire, copper, stranded, 600 volt, #10, type THW, in raceway	4.00	C.L.F.	\$45.67	\$182.68
260519900220				Wire, copper, stranded, 600 volt, #2, type THW, in raceway	1.00	C.L.F.	\$212.91	\$212.91
260529200200				Strap, steel, 2 holes, rigid steel conduit, 1" diameter	12.00	Ea.	\$0.88	\$10.56
260533131230				Aluminum conduit elbows, 1" diameter, to 15' H	8.00	Ea.	\$28.24	\$225.92

LineNumber				Description	Quantity	Unit	Total Incl. O&P	Ext. Total Incl. O&P
260533132300				Rigid galvanized steel conduit couplings, 1" diameter, to 15' high	12.00	Ea.	\$5.96	\$71.52
260533140240				Electric metallic tubing, 1" diameter, to 15' high, includes 11 CLP per 100'	120.00	L.F.	\$2.43	\$291.60
260533140280				Electric metallic tubing, 1-1/2" diameter, to 15' high, includes 11 CLP per 100'	40.00	L.F.	\$4.62	\$184.80
260533180180				Pull boxes, sheet metal, type SC, 8" W x 6" H x 4" D, NEMA 1	2.00	Ea.	\$46.63	\$93.26
260533950130				Hole drilling, concrete wall, 8" thick, 1" pipe size, to 10' high	8.00	Ea.	\$29.42	\$235.36
260580100050				Motor connections, flexible conduit and fittings, 1 phase, 115 volt, 2 HP motor	1.00	Ea.	\$51.14	\$51.14
262416200700				Circuit breakers, bolt-on, 10 k A I.C., 3 pole, 240 volt, 15 to 60 amp	1.00	Ea.	\$137.23	\$137.23
262923100100				Variable frequency drives, enclosed, 460 volt, 3 HP motor size, NEMA 1	1.00	Ea.	\$1,622.81	\$1,622.81
263613101000				Non-automatic transfer switch, enclosed, manual operated, 3 pole, 250 volt, 30 amp	1.00	Ea.	\$1,297.91	\$1,297.91
263613101600				Non-automatic transfer switch, enclosed, electrically operated, 3 pole, 480 volt, 100 amp	1.00	Ea.	\$2,573.55	\$2,573.55
Division 26 Electrical Subtotal								\$7,294.73
Subtotal								\$43,862.77
General Contractor's Markup on Subs						0.00%		\$0.00
Subtotal								\$43,862.77
General Conditions						0.00%		\$0.00
Subtotal								\$43,862.77
General Contractor's Overhead and Profit						0.00%		\$0.00
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Grand Total								\$43,862.77



Hidalgo County
3100 S buisness 281
Edinburg, Texas
Date: 27-Feb-14

Morgue Heppa Filter
Year 2013 Quarter 4
Unit Summary Report

Prepared By:
Raymond Moses
CAS Companies

Division Description		Total
Division 01	General Requirements	\$8,925.00
Division 02	Existing Conditions	\$781.35
Division 06	Wood, Plastics, and Composites	\$59.60
Division 22	Plumbing	\$318.06
Division 23	Heating, Ventilating, and Air Conditioning (HVAC)	\$26,484.03
Division 26	Electrical	\$7,294.73
Subtotal		\$43,862.77
General Contractor's Markup on Subs		0.00%
Subtotal		\$0.00
Subtotal		\$43,862.77
General Conditions		0.00%
Subtotal		\$0.00
Subtotal		\$43,862.77
General Contractor's Overhead and Profit		0.00%
Subtotal		\$0.00
Grand Total		\$43,862.77



CAS Factor Calculation Sheet

Date Submitted:

2/26/2014

Hidalgo County

Customer Name

Morgue Heppa Filter Installation

Project Name

CAS #:

2011-027-07

Item	Used	Amount
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Extended Total of Line Items Based on Quantities and Units Prices (Total OH&P)

43,867.77

City Cost Index (Average MEANS Construction Cost Indices by ESC)

ESC 1 - McAllen

1 X

Cost Adjusted by CAS

43,867.77

Coefficient

0.92 X

Cost Adjusted for Coefficient

40,358.35

Zone Factor > 150 miles

1.00 X

Cost Adjusted for Zone

40,358.35

Job Order Size Factor \$0 < \$25,000 > \$25,000 < \$150,000 > \$150,000 and over

1.00 1.00 X 1.00

Cost Adjusted for DO Size

40,358.35

Time of Performance Factors

Normal M-F (7AM - 5PM)

1.00 X

Other than Normal, week-ends & holidays

1.00

Cost Adjusted for Time of Performance

40,358.35

Annual Volume Factors (12 month sliding window)

> \$1,000,000

1.00

Cost Adjusted for Volume

40,358.35

Davis - Bacon (If Applicable)

Cost Adjusted for Davis-Bacon

40,358.35

General Liability 0

Permits \$ 0.00

Bond -

Cost Adjusted for Permits and Insurance

40,358.35

Allowance -

Cost Adjusted Allowance

40,358.35

Bond 0.000 X

-

TOTAL ADJUSTED COST

40,358.35

CAS Signature

Date