

Middle/Primary School

Old AC Units

- 25 units are 30+ years old
12 are 3 tons, 11 are 4 tons and 2 are 7.5 tons

High School

- 2 units are 20+ years
- 11 units are 15+ years

Elementary School

- 5 units are 13+ years

HVAC Proposal

Mineola ISD

Attn: Rick Browning

1000 West Loop

Mineola TX 75773

903-569-2448

RE: Trane heat pump systems

Thank you for the opportunity to quote you for the following Heat pump system change outs for the classrooms as specified below.

Middle school classroom-

303-(3ton), 301-(3ton), 304-(3ton),
201-(4ton)202-(4ton), 204-((4ton),
206-(4ton)102-(4ton), 101-(3ton),
103-(3ton), 105-(3ton)

Primary school classrooms-

206-(3ton), 208-(4ton), 205-(3ton)
209-(3ton), 210-(4ton), 203-(3ton)
105-(3ton), 101-(3ton), 201-(4ton)
212-(4ton), 301-(3ton)
305-(3ton), 307-(4ton), 310-(3ton)

Units will be Trane heat pump systems.

3-tons-4TWA3036A4000a

TEM3AOC42S41SA

WGM1505A

4-tons-4TWA3048A4000A

TEM3AOB48S31A

WGM1505A

Description of work performed:

Outside: Remove and dispose of old York heat pumps and install new Trane heat pump systems.

Inside: Remove and dispose old York air handler, flush AC lines, install new metal transition and new Trane air handlers, filter base for easy filter changes, check for any freon leaks and start up, run and check for proper operation or equipment.

The following price includes all equipment, duct material and labor to install 15- 3 ton systems and 10- 4 ton systems in the Middle school and Primary school classrooms.

The investment for these 25 Trane complete heat pump systems will be
\$108,800.00

(Warranties: 5 year all parts, 1 year labor.)

Start date- June- 16/2015

Completion date- August -1/2015

Note:

AHRI CERTIFIED

CERTIFICATE #-7501313

WGM1505A heater kits take around 3 weeks to ship out. They have to be built by another company.

Sincerely,

Phillip Herrington
Herrington Heating and AC
903-569-9584

*"Regulated by the Texas Department of Licensing and Regulation, P.O. Box 12157, Austin, Texas
1-800-803-9202. TACL# TACLBO20984E"*



Mineola ISD Heat Pump Change-outs

Included in this packet is the turnkey installation of the 26 3-Ton and 4-Ton units located around the Middle School and Primary School building. Additionally, we have included a separate proposal for the turnkey installation of 2 additional units as well as the service disconnects for all 28 units titled "Side Items".

\$134,690.28

26 total system change-outs

\$ 19,332.76

2 additional system change-outs, 28 disconnects

Total \$154,023.04

We will provide all material and labor to complete the following:

Remove all current equipment and dispose of properly.

Install all indoor and outdoor equipment. All equipment will use current ductwork and current refrigerant lines.

Provide electrical inside conduit from the unit to service disconnect.

Clean up all trash and debris.

1 year labor warranty, 5 year compressor warranty, and 1 year warranty for all other parts.

Parts of the units that will be staying

All interior ductwork and copper lines.

Current Major Commercial Accounts

Kidd Jones - service/maintenance/repair for all greater Tyler area facilities

Whataburger - New construction installation for Tyler area facility

Subway - service/maintenance/repair for Longview-Tyler area facilities

Mercedes-Benz of Tyler - service/maintenance/repair on all rooftop and indoor units

Sealtite Building Fasteners - construction and installation of 40 Ton Liquid Chiller



WHATABURGER.



SEALTITE

Proposal and Agreement

Dustin Walker
ASAP Walker Heating & Cooling LLC
111. South Glenwood
Tyler, TX 75758
903-595-1200
walkercooling.com
TACLB19307C

Ricky Browning
Mineola ISD
(903) 569-2448
browningr@mineolaisd.net
1000 West Loop
Mineola, TX 75773



**Mineola Heat
Pump Change
Outs**

Quote No.: 101
Start Date: 5/29/15

Services/Products

Item	Description	Quantity	Amount
4 Ton Condenser coil	4 Ton American Standard HP R410A	10	\$26,250.60
4 Ton Air Handler	4 Ton American Standard Split air handler R410A	10	\$11,276.00
3 Ton Condenser coils	3 Ton American Standard Split Heat Pump, R410A	16	\$35,361.60
3 Ton Air Handler	3 Ton American Standard Air handler, R410A	16	\$14,144.64
10 kW Heat Strips	Warren Tech, 460/3, Electric Heat Strip	26	\$19,232.46
Labor	Labor for turnkey installation of all 26 units	1	\$15,120.00
Filter Base	Housing unit for easy access to filters	26	\$13,304.98

Estimated Total Due: \$134,690.28

Quote price guaranteed for 15 days. Regulated by the Texas Department Of Licensing and Regulation, P.O. Box 12157 Austin TX 78711, 800-803-9202.

Proposal and Agreement

Dustin Walker
ASAP Walker Heating & Cooling LLC
111. South Glenwood
Tyler, TX 75758
903-595-1200
walkercooling.com
TACLB19307C

Ricky Browning
Mineola ISD
(903) 569-2448
browningr@mineolaisd.net
1000 West Loop
Mineola, TX 75773



Quote No.:	Side Items
Start Date:	102
	5/29/15

Services/Products

Item	Description	Quantity	Amount
Labor	Labor for additional units (Middle School Lounge & Library)	1	\$1,163.08
4 Ton Condenser coil	4 Ton American Standard HP R410A - Middle School Library	1	\$2,625.06
4 Ton Air Handler	4 Ton American Standard Split air handler R410A - Middle School Library	1	\$1,127.60
3 Ton Condenser coils	3 Ton American Standard Split Heat Pump, R410A - Middle School Lounge	1	\$2,210.10
3 Ton Air Handler	3 Ton American Standard Air handler, R410A - Middle School Lounge	1	\$884.04
10 kW Heat Strips	Warren Tech, 460/3, Electric Heat Strip	2	\$1,479.42
Service Disconnects	600V 30A fusible Service Disconnect (includes labor for disconnect installation)	28	\$8,820.00
Filter Base	Housing unit for easy access to filters	2	\$1,023.46

Estimated Total Due: \$19,332.76

Rickey Browning - Mineola ISD middle school HVAC project

From: George LePoris <george.leporis@cleareresult.com>
To: "William.Bjork@MineolaISD.net" <William.Bjork@MineolaISD.net>,
 "BrowningR@MineolaISD.Net" <BrowningR@MineolaISD.Net>
Date: 6/10/2015 4:36 PM
Subject: Mineola ISD middle school HVAC project

William & Ricky,

Based off of the information provided to CLEAResult, Here is an overview of the incentive Mineola ISD will receive if the existing equipment is replaced with the listed items.

Total kW Savings	Total kWh Savings	Estimated Payment
5.33	9,580	\$ 2,727.26

Estimated annual savings are $9590 \times .080$ per kWh = \$767.20

If they were to increase the SEER by one (14 & 14.5 SEER), the project's estimated savings would be:

Total kW Savings	Total kWh Savings	Estimated Payment
10.05	18,065	\$ 5,142.77

Estimated annual savings is $18,065 \times \$0.08/\text{kWh} = \$1,445$. If the project cost increased \$8,000, the higher efficiency units would be around \$2,000 more cost effective year 15.

Please review & let me know if you have any questions.

George LePoris
 Senior Program Consultant
 Direct 214.302.8130
 Cell 972.345.5931

CLEAResult
 cleareresult.com
 6500 Beltline STE 250 • Irving, TX 75603

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**CHAMBERS**

Electrical Contractors LLC
P.O. Box 2413
Lindale, Texas 75771

Office: 903-882-1212
Cell: 903-714-9758
Fax: 903-882-1219
TECL #27233

Rickey Browning
Mineola Independent School District
100 West Loop 564
Mineola Texas 75773

May 24, 2015

Project: Elementary Gym
Mineola, Texas 75773


We propose to furnish material and labor to complete the electrical work for the above mentioned project as listed below:

- | | |
|---|----|
| 1. Remove existing 400 watt metal halide high bay light fixture ----- | 23 |
| 2. Remove existing fluorescent strip lights ----- | 18 |
| 3. New four lamp T5-HO fluorescent high bay light ----- | 23 |
| fixture Lithonia lighting # IBZ-454L with wire lamp guard | |

Cost to complete this work will be: ----- \$ 6,380.00

THIS PRICE EXCLUDES:

1. Sales tax



Rickey Chambers
President, Chambers Electrical Contractors

Mineola ISD

Option 1: Basic

Lowest first cost
Simplest option
Highest operational cost
Highest maintenance cost

\$480 Incentive

Option 2: Efficient

Compromise of cost and efficiency—medium up-front costs with operational and maintenance savings
Not the best in any category (but not the worst either)

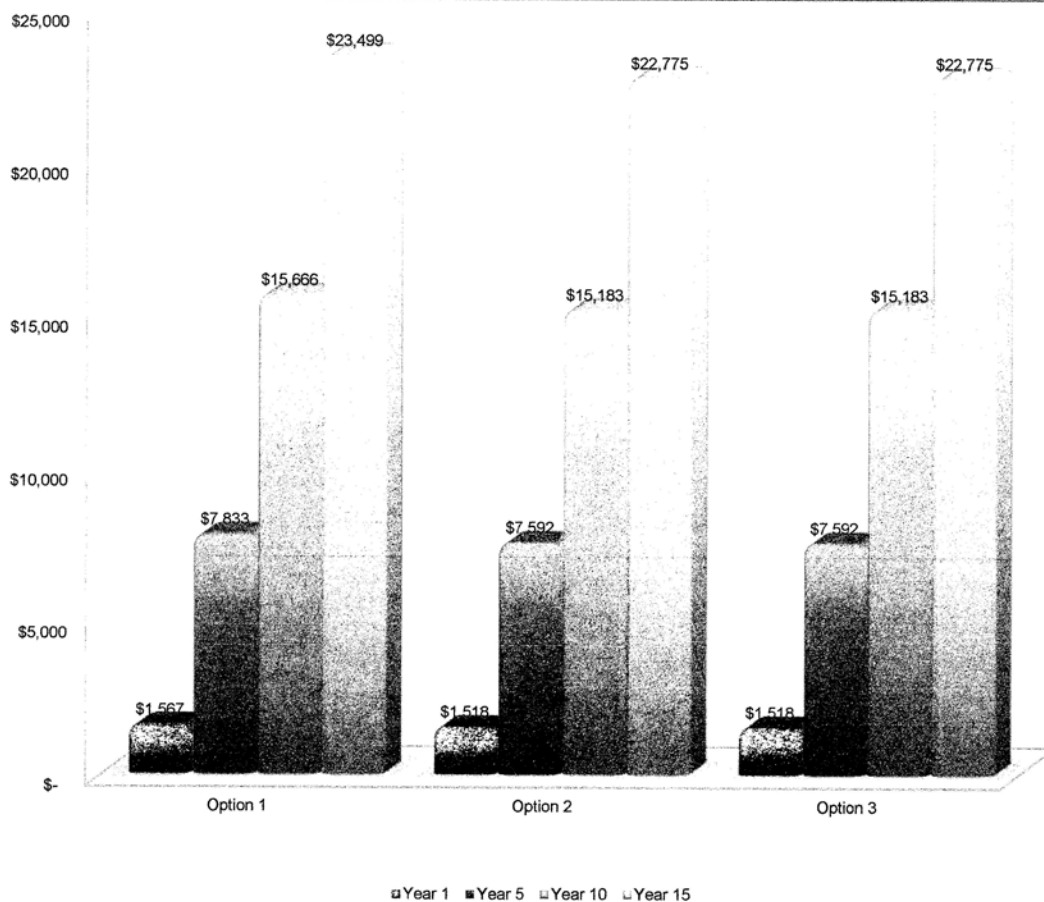
\$505 Incentive

Option 3: Premium

Highest efficiency option
State-of-the-art equipment
Lowest maintenance cost
Lowest operational cost

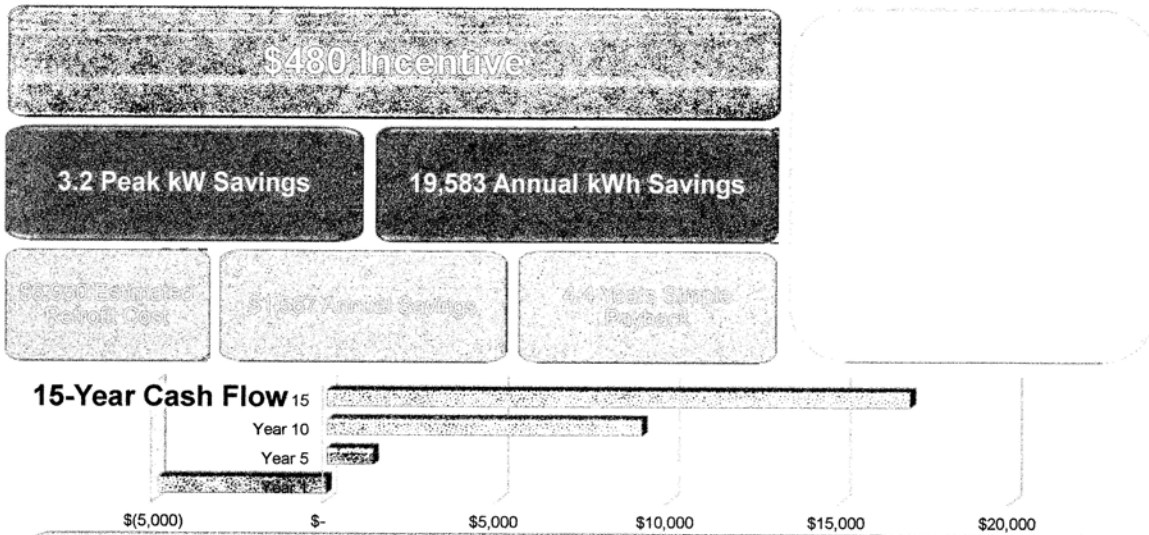
\$505 Incentive

15-YEAR ENERGY COST SAVINGS



AEP SWEPCC - SCORE offers no-cost, vendor-neutral technical and financial incentives to help customers implement energy efficiency projects. This opportunity assessment is for rough estimation purposes only and does not constitute any binding agreement among any party. Estimated incentives are not guaranteed. Any recommendations given herein are complimentary and are not meant to take the place of the services of paid professionals. Actual project costs may vary. Energy costs are estimated based on 0.08 per kWh.

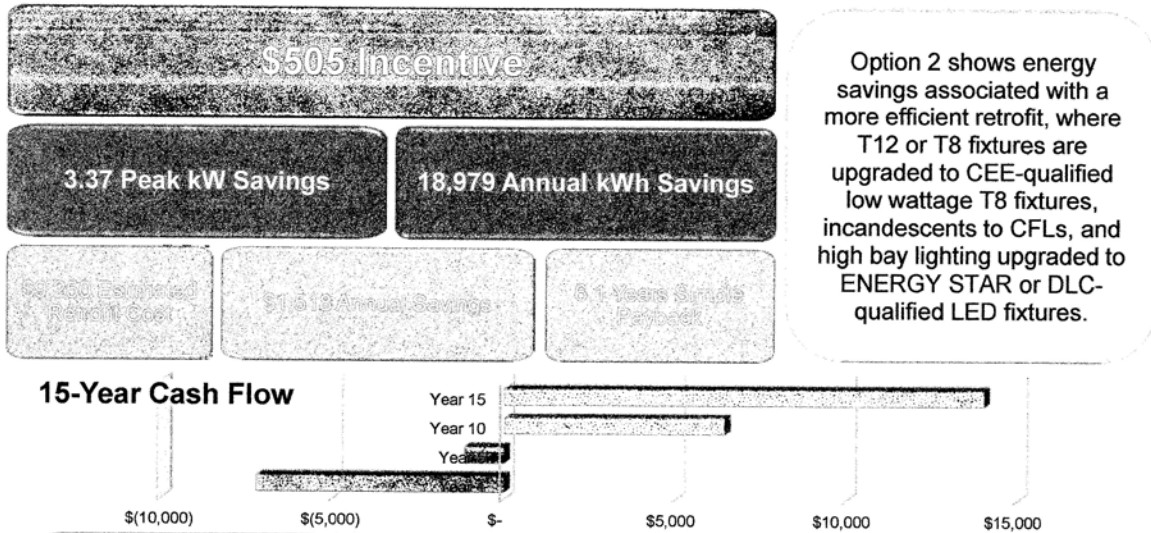
Option 1, Mineola ISD



Option 1 Inventory

	Sum of Original Quantity	Sum of New Controls	Est Upgrade or Retrofit Cost
400W Metal Halide		23	1
New T5HO 4-Lamp Fixture (23)		23	1
Grand Total		23	1

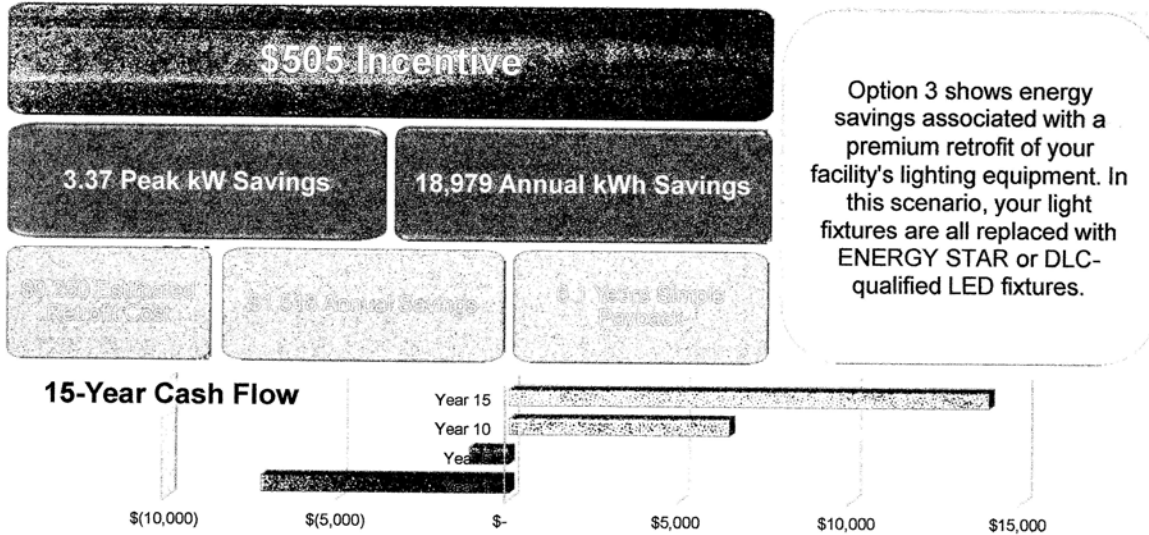
Option 2, Mineola ISD



Option 2 Inventory

	Sum of Original Quantity	Sum of New Controls	Sum of Estimated Upgrade or Retrofit Cost
400W Metal Halide		23	0
New 170W ENERGY STAR LED Fixture (23)	23		0
Grand Total	23	0	9250

Option 3, Mineola ISD



Option 3 Inventory

	Sum of Original Quantity	Sum of New Controls	Sum of Estimated Upgrade or Retrofit Cost
400W Metal Halide		23	0
New 170W ENERGY STAR LED Fixture (23)		23	0
Grand Total		23	0

Page
1



an employee owned company

PHONE: 903-593-7357
FAX: 903-593-9701

Quotation # 355231-00
Customer P.O.# ELEMENTARY GYM
Customer No. 532639-0001
Quotation Expires:

TX 75773

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