



Preferred Mechanical Group, LLC
5729 Lebanon Road, Suite 144 Box 239
Frisco, TX 75034
<https://www.pmgservice.com>
TACLA34419C
M-45430

Quote No: 26Q101818
Valid Until: Jun 18, 2026

Quote For:
Decatur Independent School District
McCarroll Middle School
1201 West Thompson Street, Decatur, TX 76234

Preventative Maintenance at McCarroll Middle School- Chillers & Cooling Towers

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

(1) Screw Chiller and (1) Cooling Tower

ANNUAL PREVENTATIVE MAINTENANCE CHILLER

Report to customer upon arrival
Isolate all energy sources
Perform lock out tag out on all energy sources
Review chiller control panel for proper chiller operation
Check alarm/fault history
Perform complete leak test on chiller using an electronic leak detector
Remove oil sample for analysis
Perform oil analysis and provide a detailed oil analysis report
Provide and install new oil filter
Provide and install new refrigerant filters
Evacuate oil filter and refrigerant filter housing and refrigerant lines located at filters
Check and calibrate all chiller safety controls
Check compressor oil heater operation
Meg test compressor motor
Check chiller starter contactors
Check chiller starter configuration and adjust as needed
Clean chiller starter using a vacuum
Check and tighten electric connections in starter
Check and tighten control panel connections
Check control board plug connections and inspect control boards for damage
Check flow switches for proper operation
Remove blank end condenser head
Record images of tube sheet and tubes prior to brushing
Brush condenser tubes
Record images of tubes after brushing
Inform customer of tube and tube sheet condition
Replace head using new gasket if needed
Leak test all work performed using an electronic leak detector
Remove locks and tags.
Re-energize all electric sources.
Check and set flow rates through evaporator and condenser.
Check and adjust chiller control configurations as necessary
Check all sensors and transducer calibration
Perform control test
Start chiller
Run chiller and check operation

Check approaches through calculation
 Document task performed during inspection
 Clean up and dispose of any debris from preventative maintenance activity
 Perform complete log on chiller
 Review operating procedures with operating personnel
 Report any deficiencies or recommendations to customer
 Provide customer service reports and chiller log readings to customer
ANNUAL PREVENTATIVE MAINTENANCE COOLING TOWER
 Report to customer upon arrival
 Isolate all energy sources
 Perform lock out tag out on all energy sources
 Drain water from cooling tower
 Setup cleaning equipment
 Remove air inlet screens and clean
 Clean cooling tower cold water basin
 Clean the sump basin strainers
 Check and clean cooling tower hot water basin
 Inspect drift eliminator/fill for any cracking, damage, or biological growth
 Use a pressure washer to clean the inside of cooling tower
 Clean the infill with water jet spray
 Check cooling tower drive line
 Check fan belts and sheaves for wear, cracks, glazing, proper tension and verify alignment
 Lubricate bearings according to manufacturers specifications.
 Lubricate motor base adjusting screw.
 Check cooling tower fan to shroud clearances
 Inspect cross members and braces for cracks and damage
 Check cooling tower make-up water valves for proper operation
 Fill cooling tower with fresh water
 Check and set cooling tower water level
 Check cooling tower for leaks
 Start condenser water pump
 Check water flow through cooling tower to insure proper operation
 Check operation of cooling tower basin heaters
 Check safety/operating controls
 Remove locks and tags
 Re-energize all electric sources
 Start cooling tower fans and check operation
 Check fan assembly for abnormal noise or vibration
 Review cooling tower VFD control panel for alarms & proper cooling tower operation (if applicable)
 Document task performed during inspection
 Clean up and dispose of any debris from preventative maintenance activity
 Review operating procedures with operating personnel
 Report any deficiencies or recommendations to customer
 Provide customer service reports

Exclusions & Clarifications:

- Service to be performed during PMG's normal working hours Monday – Friday
- **Lead Time on Parts - # days**
- Only parts and services listed in the 'Scope of Work' provided above will be performed
- PMG will provide separate proposal(s) in the event additional service(s) are found or requested by customer

Material Total	\$3,122.15
Labor Total	\$5,400.00

Sub Total	\$8,522.15
Tax	\$0.00
Quote Total	\$8,522.15

Thank you for your request for this proposal and we look forward to working with you on this project. Please contact me with any questions or concerns that you may have.

Shad Groves
Account Manager



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Quote No: 26Q101823
Valid Until: Jun 18, 2026

Quote For:
Decatur Independent School District
Decatur High School
750 East Eagle Summit Drive, Decatur, TX 76234

Preventative maintenance on Cooling Tower

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

Preventative maintenance on Cooling Tower

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

- Report to customer upon arrival
- Isolate all energy sources
- Perform lock out tag out on all energy sources
- Drain water from cooling tower
- Setup cleaning equipment
- Remove air inlet screens and clean
- Clean cooling tower cold water basin
- Clean the sump basin strainers
- Check and clean cooling tower hot water basin
- Inspect drift eliminator/fill for any cracking, damage, or biological growth
- Use a pressure washer to clean the inside of cooling tower
- Clean the infill with water jet spray
- Check cooling tower drive line
- Check fan belts and sheaves for wear, cracks, glazing, proper tension and verify alignment
- Lubricate bearings according to manufacturers specifications.
- Lubricate motor base adjusting screw.
- Check cooling tower fan to shroud clearances
- Inspect cross members and braces for cracks and damage
- Check cooling tower make-up water valves for proper operation
- Fill cooling tower with fresh water
- Check and set cooling tower water level
- Check cooling tower for leaks
- Start condenser water pump
- Check water flow through cooling tower to insure proper operation
- Check operation of cooling tower basin heaters
- Check safety/operating controls
- Remove locks and tags
- Re-energize all electric sources
- Start cooling tower fans and check operation
- Check fan assembly for abnormal noise or vibration
- Review cooling tower VFD control panel for alarms & proper cooling tower operation (if applicable)
- Document task performed during inspection

Clean up and dispose of any debris from preventative maintenance activity
Review operating procedures with operating personnel
Report any deficiencies or recommendations to customer
Provide customer service reports
Exclusions & Clarifications:

Service to be performed during PMG's normal working hours Monday – Friday
Only parts and services listed in the 'Scope of Work' provided above will be performed
PMG will provide separate proposal(s) in the event additional service(s) are found or requested by customer

Exclusions & Clarifications:

- Service to be performed during PMG's normal working hours Monday – Friday
- Lead Time on Parts - # days
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- PMG will provide separate proposal(s) in the event additional service(s) are found or requested by customer

Material Total	\$1,608.38
Labor Total	\$5,400.00

Sub Total	\$7,008.38
Tax	\$0.00
Quote Total	\$7,008.38

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Quote No: 26Q101822
Valid Until: Jun 18, 2026

Quote For:
Decatur Independent School District
Decatur High School
750 East Eagle Summit Drive, Decatur, TX 76234

Preventative Maintenance at Decatur High School Chillers

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

Preventative Maintenance at Decatur High School

(2) CHILLERS

Model: 19XRV4042347CLH64

Serial# 71475

Serial# 71474

ANNUAL PREVENTATIVE MAINTENANCE

Report to customer upon arrival

Isolate all energy sources

Perform lock out tag out on all energy sources

Review chiller control panel for proper chiller operation

Check alarm/fault history

Perform complete leak test on chiller using an electronic leak detector

Remove oil sample for analysis

Perform oil analysis and provide a detailed oil analysis report

Provide and install new oil filter

Provide and install new refrigerant filters

Evacuate oil filter and refrigerant filter housing and refrigerant lines located at filters

Check and calibrate all chiller safety controls

Check compressor oil heater operation

Meg test compressor motor

Check chiller starter contactors

Check chiller starter configuration and adjust as needed

Clean chiller starter using a vacuum

Check and tighten electric connections in starter

Check and tighten control panel connections

Check control board plug connections and inspect control boards for damage

Check flow switches for proper operation

Remove blank end condenser head

Record images of tube sheet and tubes prior to brushing

Brush condenser tubes

Record images of tubes after brushing

Inform customer of tube and tube sheet condition

Replace head using new gasket if needed

Leak test all work performed using an electronic leak detector

Remove locks and tags.

Re-energize all electric sources.

Check and set flow rates through evaporator and condenser.

Check and adjust chiller control configurations as necessary

Check all sensors and transducer calibration
 Perform control test
 Start chiller
 Run chiller and check operation
 Check approaches through calculation
 Document task performed during inspection
 Clean up and dispose of any debris from preventative maintenance activity
 Perform complete log on chiller
 Review operating procedures with operating personnel
 Report any deficiencies or recommendations to customer
 Provide customer service reports and chiller log readings to customer
Exclusions & Clarifications:

Service to be performed during PMG's normal working hours Monday – Friday
 Only parts and services listed in the 'Scope of Work' provided above will be performed
 PMG will provide separate proposal(s) in the event additional service(s) are found or requested by customer

Exclusions & Clarifications:

- Service to be performed during PMG's normal working hours Monday – Friday
- **Lead Time on Parts - # days**
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Material Total	\$4,240.90
Labor Total	\$5,400.00

Sub Total	\$9,640.90
Tax	\$0.00
Quote Total	\$9,640.90

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Quote No: 26Q101821
Valid Until: Jun 18, 2026

Quote For:
Decatur Independent School District
Rann Elementary School
1300 South Deer Park Road, Decatur, TX 76234

Preventative Maintenance at Rann Elementary School-Cooling Tower

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

Preventative Maintenance at Rann Elementary School-Cooling Tower

Cooling Tower Annual
Model: NC8405RAN1BGF
Serial: 10148683-A1

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor, new parts, & materials to make the repairs within the following Scope of Service.

Scope of Service:

- Check in with customer
- Isolate all energy sources
- Perform lock out tag out on all energy sources
- Drain water from cooling tower
- Setup cleaning equipment
- Remove air inlet screens and clean
- Clean cooling tower cold water basin
- Clean the sump basin strainers
- Check and clean cooling tower hot-deck and/or spray nozzles
- Inspect drift eliminator/fill for any cracking, damage, or biological growth
- Use a pressure washer to clean the inside of cooling tower
- Clean the infill with water jet spray
- Inspect fan driveline coupling/spacer for wear, stress cracks, and misalignment
- Verify proper gearbox oil level
- Replace gearbox oil annually for mineral oil or every five years for synthetic oil
- Lubricate bearings according to manufacturer's specifications.
- Lubricate motor base adjusting screw.
- Check cooling tower fan to shroud clearances
- Inspect cross members and braces for cracks and damage
- Check cooling tower make-up water valves for proper operation
- Fill cooling tower with fresh water
- Check and set cooling tower water level
- Check cooling tower for leaks
- Start condenser water pump
- Check water flow through cooling tower to verify proper operation
- Check operation of cooling tower basin heaters
- Check safety/operating controls
- Remove locks and tags
- Re-energize all electric sources

Start cooling tower fans and check operation
 Check fan assembly for abnormal noise or vibration
 Review cooling tower VFD control panel for alarms & proper cooling tower operation (if applicable)
 Document task performed during inspection
 Clean up and dispose of any debris from preventative maintenance activity
 Review operating procedures with operating personnel
 Report any deficiencies or recommendations to customer
 Provide customer service reports
Exclusions & Clarifications:
 Service to be performed during PMG's normal working hours Monday – Friday
 Only parts and services listed in the 'Scope of Service' provided above will be performed
 PMG will provide separate proposal(s) in the event additional service(s) are found or requested by customer

Exclusions & Clarifications:

- Service to be performed during PMG's normal working hours Monday – Friday
- **Lead Time on Parts - # days**
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Material Total	\$893.00
Labor Total	\$2,160.00

Sub Total	\$3,053.00
Tax	\$0.00
Quote Total	\$3,053.00

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Account Manager



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Quote No: 26Q101820
Valid Until: Jun 18, 2026

Quote For:
Decatur Independent School District
Rann Elementary School
1300 South Deer Park Road, Decatur, TX 76234

Preventative Maintenance at Rann Elementary School-Chillers

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor and material per the following scope of work:

Scope of Work:

Preventative Maintenance at Rann Elementary School-Chillers

Model: 30HXC161MZ-561KA
Serial# 2107Q07456
Serial# 2107Q07457

ANNUAL PREVENTATIVE MAINTENANCE

Preferred Mechanical Group is pleased to offer you the following proposal for your consideration. Preferred Mechanical Group will provide labor, new parts, & materials to make the repairs within the following Scope of Service.

Scope of Service:

- Report to customer upon arrival
- Isolate all energy sources
- Perform lock out tag out on all energy sources
- Review chiller control panel for proper chiller operation
- Check alarm/fault history
- Perform complete leak test on chiller using an electronic leak detector
- Remove oil sample for analysis per circuit. Total of two (2) oil analysis per chiller
- Perform oil analysis and provide a detailed oil analysis report
- Provide and install new compressor internal oil filters. Total of two (2) internal filters
- Provide and install new external oil filters. Total of two (2) external filters
- Check and calibrate all chiller safety controls
- Meg test compressor motors
- Check chiller starter contactors
- Check chiller starter configuration and adjust as needed
- Clean chiller starter using a vacuum
- Check and tighten electric connections in starter
- Check and tighten control panel connections
- Check control board plug connections and inspect control boards for damage
- Check flow switches for proper operation
- Remove blank end condenser head
- Brush condenser tubes
- Inform customer of tube and tube sheet condition
- Replace head using new gasket if needed
- Leak test all work performed using an electronic leak detector
- Remove locks and tags.
- Re-energize all electric sources.
- Check and set flow rates though evaporator and condenser.
- Check and adjust chiller control configurations as necessary

Check all sensors and transducer calibration
 Perform control test
 Start chiller
 Run chiller and check operation
 Check approaches through calculation
 Document task performed during inspection
 Clean up and dispose of any debris from preventative maintenance activity
 Perform complete log on chiller
 Review operating procedures with operating personnel
 Report any deficiencies or recommendations to customer
 Provide customer service reports and chiller log readings to customer
Exclusions & Clarifications:
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Material Total	\$5,840.88
Labor Total	\$5,400.00

Sub Total	\$11,240.88
Tax	\$0.00
Quote Total	\$11,240.88

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Shad Groves
 Account Manager