

# PHYSICAL RESOURCES COMMITTEE

**Martin D. Marshall**  
County Administrator

301 N. Main St, Adrian, MI 49221  
p: 517-264-4508 | f: 517-264-4512  
lenawee.mi.us



## MEMBERS

*John Lapham, Ralph Tillotson, Terry Collins*

**Agenda:** Monday, July 5, 2021 – 10:00 a.m.

**\*\*In compliance with the State of Michigan authorization of electronic meetings,  
this meeting will be held via ZOOM\***

---

### Join Zoom Meeting

<https://us02web.zoom.us/j/84928681226?pwd=RnNxcVBkWUQ2cTlidl3ZLb2R3TS8vdz09>

Meeting ID: **849 2868 1226**

Passcode: **752636**

### Phone In

877 853 5247 US Toll-free

888 788 0099 US Toll-free

---

- I. Approval of Minutes: June 7, 2021**
- II. Finance Report**
- III. Building and Grounds / Maintenance**
  - A. Maurice Spear Campus – Door Request**
- IV. Drain Commission**
  - A. Lake Arrowhead Estates**
- V. Campus Improvements / Renovations**
- VI. Updates / Other Business**
- VII. Public comment**
- VIII. Adjournment**

Capital Fund - Building & Site Division  
July 7, 2021

| Proj #                  | DESCRIPTION                        | BUDGET                | PTD                   | BALANCE               |
|-------------------------|------------------------------------|-----------------------|-----------------------|-----------------------|
| <b>REVENUE PROJECTS</b> |                                    |                       |                       |                       |
| BS2101                  | QUARTERLY APPROPRIATION            | 365,342.48            | 274,006.86            | 91,335.62             |
|                         |                                    | <u>365,342.48</u>     | <u>274,006.86</u>     | <u>91,335.62</u>      |
| <b>EXPENSE PROJECTS</b> |                                    |                       |                       |                       |
| BS1903                  | DOCUMENT CLEAN UP                  | 2,500.00              | 831.35                | 1,668.65              |
| BS2002                  | OCH RENOVATIONS                    | 8,825,000.00          | 7,023,519.68          | 1,801,480.32          |
| BS2102                  | JAIL BOILER                        | 63,635.00             | -                     | 63,635.00             |
| BS2105                  | PHYSICAL RESOURCE GENERATOR WIRING | 27,100.00             | -                     | 27,100.00             |
|                         |                                    | <u>8,918,235.00</u>   | <u>7,024,351.03</u>   | <u>1,893,883.97</u>   |
|                         | NET CHANGE IN FUND                 | <u>(8,552,892.52)</u> | <u>(6,750,344.17)</u> | <u>(1,802,548.35)</u> |

|                                                                     |                       |             |  |
|---------------------------------------------------------------------|-----------------------|-------------|--|
| Standing of Capital Fund: Building and Site Division as of 7/7/2021 |                       |             |  |
| Beginning fund balance:                                             | 496,638.15            | (unaudited) |  |
| 2021 revenues:                                                      | 578,931.03            |             |  |
| 2021 expenses:                                                      | <u>2,419,345.19</u>   |             |  |
| Current fund balance                                                | <u>(1,343,776.01)</u> |             |  |

|         |                                        |              |             |
|---------|----------------------------------------|--------------|-------------|
| 401.931 | Other Financing Sources - Fund balance | 9,508,042.32 | (unaudited) |
|---------|----------------------------------------|--------------|-------------|

# LENAWEE COUNTY PHYSICAL RESOURCES COMMITTEE

## Buildings and Grounds Report

July 12, 2021 Meeting Date

| Building             | # of Work Orders |        | Ongoing/Upcoming Concerns                                                                                                                        |
|----------------------|------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| JAIL                 |                  | 240:30 | Water storage tank and boiler are installed. A few issues arose during install. Boiler has not had official start up yet.                        |
| SHERIFF              |                  | 212:30 | MCG installed glass in conference room..                                                                                                         |
| JUDICIAL             |                  | 370    | Numerous vendor visits only a few estimate/quotes have been returned.                                                                            |
| ROBERTSON BLDG       |                  | 16:30  | Inspecting voltage fluctuation in server room..                                                                                                  |
| OLD COURTHOUSE       |                  |        | Department suite measurements for equipment, desk and storage.                                                                                   |
| PHYSICAL RESOURCES   |                  | 182:30 | Awaiting electrical vendor to wire generator to building.                                                                                        |
| ANNEX                |                  | 16:30  | Vendor still working on Public Defender numbers.                                                                                                 |
| RECYCLE CENTER (DOS) |                  | 41:30  | Containers 4 cardboard 3 plastic.                                                                                                                |
| COMPLEX              |                  | 29:15  | Behind on preventative work orders.                                                                                                              |
| HUMAN SERVICE BLDG   |                  | 928    | AH#1 return fan issues.<br>Wind moved 2 roof minis splits, minor repairs completed.<br>Lot lighting underground wire to be repaired no date yet. |
| MSC                  |                  |        | ARF door, controls and store fronts replacement.<br>Still working on 5 year capital plan.                                                        |
| BLDGS & GRNDS        |                  |        | 2 new staff starting Monday the 12th.<br>Capital outlay request finalization.                                                                    |
| COMMUNITY SERVICE    |                  | 74:45  | Grounds care and equipment cleaning.                                                                                                             |



# Action Request Form

To: Physical Resources Committee

DATE: JULY 1, 2021

[www.lenawee.mi.us](http://www.lenawee.mi.us)

FROM: **Tim Mehan**

*To go before the Committee at the meeting set for*

DEPT: **Buildings & Grounds**

**JULY 12 PHYSICAL RESOURCES MEETING**

|                           |                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) DESCRIPTION OF REQUEST | <p><b>\$162,000.00 IS AVAILABLE 2021 FOR CAPITAL IMPROVEMENTS AT MAURICE SPEARS CAMPUS.</b></p> <p><b>REQUEST TO ACCEPT KRIEGHOFF, MAPLE CITY GLASS AND ADRIAN LOCKSMITH QUOTES TOTALING \$164,100.00 REPLACING STORE FRONTS, DOORS AND ACCESS CONTROLS ON ADMINISTRATION, INDUSTRIAL ARTS AND DETENTION BUILDINGS. (GYMNASIUM ITEMS TO BE REMOVED FROM ORIGINAL QUOTES)</b></p> |
| Amount Requested:         | <b>\$167,500.00</b>                                                                                                                                                                                                                                                                                                                                                              |
| Account Number:           |                                                                                                                                                                                                                                                                                                                                                                                  |
| List Attachments:         | <b>KRIEGFHOFF, MAPLE CITY GLASS, SHIVELY BOUMA AND ADRIAN LOCKSMITH QUOTES.</b>                                                                                                                                                                                                                                                                                                  |

Request Submitted by:

**TIM MEHAN**

Upcoming agenda items shall be reported to the Administrator at least seven (7) days prior to the meeting. All supporting information shall be submitted to the Administrator's Office no later than 3:30 pm the day preceding the meeting, or by noon on the day of scheduled evening meetings. Exceptions may only be approved by the Chairperson, or in his/her absence, the Vice Chairperson of that Committee.

Request reviewed and is to be placed on the agenda:

Martin D. Marshall, Administrator

Date



**KRIEGHOFF  
LENAWEE  
CONSTRUCTING  
ENGINEERS**

2039 JAMES STREET  
P.O. BOX 100  
ADRIAN, MICHIGAN 49221  
PHONE (517) 265-5121  
FAX (517) 263-8387

## PROPOSAL

**DATE:** July 1, 2021

**SUBMITTED TO:** Maurice Spear Campus

**ATTENTION:** Mr. Tim Mehan

**PROJECT NAME:** Admin. Building Visitors Entrance New Store Front

We propose to provide labor, materials, and equipment for the following scope of work.

- Demo existing ceiling.
- Demo existing 2x4 fixtures in lobby, demo existing wall pack.
- Demo existing door and windows.
- Temporary enclosures, as required to protect from weather only.
- Open soffit as needed.
- Install new store front windows and door with clear anodized aluminum framing, continuous geared hinge, MS Lock, LCN 4040SP closer, 1" insulated glass and 1" spandrel insulated glass in transoms.
- Install new grid ceiling, 2'x2' Armstrong Dune #1772 ceiling tile.
- Install metal stud bulk heads, DW, corner bead and pull away bead, taped and finished to cover interior spandrel panels.
- Install new black 4" vinyl base.
- Install exterior stud framing at demo soffit area 31 L.F, install 5/8" secure rock and EIFS base coat and finish at new soffit.
- Painting of interior walls and exterior soffit to match 31 L.F. paint one steel column.
- Provide and install 2x4 lay in fixtures (1) with emergency backup, wire for nightlight, new exit/egress light with outdoor remote head, new wall pack light with photocell, all wiring as needed.
- Rework (2) supply air and (1) return air including new diffusers and necessary duct.
- Clean up related to our work.
- Permits.

All For The Sum Of \$ 53,800

### Items Not Included

- Structural changes of any kind
- A & E or fees
- Plan reviews or associated fees
- Overtime, holiday pay or shift work (work hours shall be M-F 7AM-3:30PM)
- Winter conditions or protection and fees
- New fascia's or copings
- Hazardous materials testing, surveys or abatement
- Materials pricing increases or supply chain issues
- Final cleaning

### ACCEPTANCE OF PROPOSAL:

NAME:

DATE:

NAME:

Chris A. Lane, Project Manager



July 1, 2021

Lenawee County Maurice Spear Campus  
2910 Airport Rd.  
Adrian, MI 49221

Attn: Mr. Tim Mehan

Re: "Updated" Door and Frame Replacements Budgets

|                                                      |        |
|------------------------------------------------------|--------|
| Admin Lobby Door & Frame                             | 4,255  |
| Boys Wing East Door Only                             | 3,539  |
| Boys Wing Mud Room Frame & Door                      | 5,135  |
| Cafeteria Door & Leaf                                | 7,248  |
| Cafeteria Loading Dock Frame & Door                  | 4,951  |
| Detention North Entry Frame & Door                   | 4,082  |
| Detention Boys Staff Door Only                       | 2,944  |
| Detention Girls Staff Door Only                      | 2,944  |
| Detention Maintenance Exterior Frame & Door          | 3,724  |
| Girls Wing Mud Room Frame & Door                     | 4,951  |
| Mechanical Room Basement Door Only                   | 1,583  |
| Maintenance Shop Frame & Door                        | 4,745  |
| Gym Entry Double Frame & Doors                       | 11,149 |
| Gym N.W. Exit Door Only-Alarm by others              | 2,947  |
| Misc. Hinges (10) supply to owner                    | 237    |
| Detention Interior Boys Key Cylinder supply to owner | 268    |



|                                                                |              |
|----------------------------------------------------------------|--------------|
| Dumpster (1) pull & set                                        | 671          |
| Misc. Materials, cutting wheels, drill bits, taps, shims, etc. | 583          |
| Total                                                          | <hr/> 65,956 |

Items Not Included

- Overtime, holiday pay or shift work (all work to be performed M-F 7AM-3:30PM)
- Cost increases for materials or supply chain issues
- Masonry repairs of any kind
- Flooring or repair thereof (new thresholds and frames may not line up w/ existing flooring)
- Hazardous materials testing or abatement
- Phased installation
- Security or alarm systems
- Access control, wiring, power supplies, electric strikes etc.
- A & E or Fees
- Plan reviews or fees
- Final cleaning

\*due to the extreme current market volatility the above pricing and lead times of any quoted materials are both very unpredictable. It is our intent to honor the above pricing and deliver your project as timely as possible if it is at all feasibly possible. We will immediately communicate any required changes to the pricing as they become known to us. Please feel free to contact us should you have any questions.

Sincerely,

*Chris A. Lane*

Chris A. Lane, Project Manager

MAPLE CITY GLASS, INC.  
 877 W. BEECHER ST  
 ADRIAN, MI 49221  
 (517) 263-7515 / Fax (517) 263-7445  
 Fed. ID# 383188429

KRIEGHOFF-LENAWEE

PO BOX 100  
 ADRIAN, MI 49221

UPDATED 7-1-21 MH

|         |            |           |            |
|---------|------------|-----------|------------|
| Quote # | Q C0018455 | Date      | 04/01/2021 |
| Cust. # | KREIGHO    | Price Cat | 1          |
| P.O. #  |            | Sold By   | MH         |
|         |            | Inst'l By |            |

MAURICE SPEAR CAMPUS  
 2910 AIRPORT RD.  
 ADRIAN, MI 49221

Bus.: (517) 265-5121 Fax: (517) 263-8387 Bus.: (517) 265-5171

| Qty | Part | Thickness | Description                                                                                                                                                                                                                                                                                                                                                                                             | List     | Price    | Total    |
|-----|------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|
| 2   | VALE |           | CLASSROOM BUILDING<br>VALE FRP ENTRANCE SYSTEMS, USING<br>CLEAR ANODIZED FRAMING, NARROW<br>LITES IN PAIR OF DOORS, 1" FRP<br>PANEL INSTALLED IN SIDELITES,<br>VON DUPRIN 9847 SERIES PANICS<br>WITH LEVER TRIM, ONE ELR PER ENTRANCE,<br>CONTINUOUS GEARED HINGE, EPT110, LCN<br>4040XP CLOSERS, 1" INSULATED GLASS<br>IN TRANSOM AND DOOR LITES, POWER SUPPLY<br>INCLUDES DEMOLITION AND INSTALLATION | 14650.00 | 14750.00 | 29500.00 |

SPECIAL INSTRUCTIONS

All material sold on this invoice is guaranteed to be as specified, and is not safety glazed material unless so marked. It is sold with the understanding that this material will not be glazed in a "hazardous location" as defined by the Consumer Product Safety Commission. All merchandise returned for credit, refund or exchange must be in resalable condition, authorized for return, accompanied by this receipt, and may be subject to restocking fee. No returns will be authorized for special orders or cut flat glass.

Terms of payment are 0 days from invoice date. A service charge of 1.500% per month (18.000% annum) will be added to past due accounts.

Subtotal  
 Labor  
 Tax

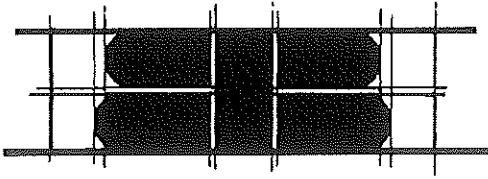
Total  
 Deductible

Balance

RECEIVED BY:

4/1/21 10:32am by MIKE Updated 7/1/21 2:58pm by MIKE





## **SHIVELY - BOUMA, INC**

SOUND CONDITIONING ENGINEERS  
AND CONTRACTORS

### **PROJECT BID SHEET**

**PROJECT:** Maurice Spear Campus Project

**DATE:** 6-29-2021

**ATTN:** Tim Mehan

We will complete Demo, Supply and Install Material per your Project Breakdown. This will include Disposal, Painting, Caulking, Electrical work needed at the Admin Lobby per the write up.

Note: Testing or Removal of Hazardous Materials are Not Included in these Cost, Along with any Fire Alarm, Security or Control Work

Admin Lobby Work \$ **57,880.00**

Industrial Art N / S New Store Front Door Units \$ **35,400.00**

Door & Frame Work \$ **69,455.00**

Due to Material Cost Volatility this Quote is good for 30 Days only

Sincerely Yours

Christopher M. Dobie

Shively Bouma Inc.



## Lenawee County Buildings & Grounds

**Tim Mehan**  
Maintenance Superintendent  
cell: 517-403-6056  
[tim.mehan@lenawee.mi.us](mailto:tim.mehan@lenawee.mi.us)

320 Springbrook Ave., Ste. 101  
Adrian, MI 49221  
517-264-4738 Office  
517-264-4740 Fax

**Michael Sexton**  
Deputy Superintendent  
cell: 517-902-7028  
[michael.sexton@lenawee.mi.us](mailto:michael.sexton@lenawee.mi.us)

Lenawee County Maurice Spear Campus  
2910 Airport Road  
Adrian, MI 49221

Request for Quote: Admin Building Entrance New Store Front and Industrial Arts Building North/South New Store Front

### *Admin Building Entrance New Store Front*

- Demo existing ceiling.
- Demo existing 2x4 fixtures in lobby, demo existing wall pack.
- Demo existing doors and windows.
- Temporary enclosures.
- Open soffit as needed
- Install new store front windows and door with clear anodized aluminum framing, continuous geared hinge, MS lock, LCN 4040SP closer, 1" insulated glass and 1" spandrel insulated glass in transoms.
- Install new grid ceiling, 2'x2' Armstrong Dune #1772 ceiling tile.
- Install metal stud bulk heads, DW, corner bead and pull away bead, taped and finished to cover interior spandrel panels.
- Install new black 4" vinyl base.
- Install exterior stud framing at demo soffit area 31 L.F, install 5/8" secure rock and EIFS base coat and finish at new soffit.
- Painting of interior walls and exterior soffit to match 31 L.F, paint one steel column.
- Provide and install 2x4 lay in fixtures (1) with emergency backup, wire for nightlight, new exit/egress light with outdoor remote head, new wall pack light with photocell, all wiring as needed.
- Rework (2) supply air and (1) return air including new diffusers and necessary duct.
- Clean up related to work area.
- Permits

\$ 57,880<sup>00</sup>



**Lenawee County Buildings & Grounds**

**Tim Mehan**  
Maintenance Superintendent  
cell: 517-403-6056  
*tim.mehan@lenawee.mi.us*

320 Springbrook Ave., Ste. 101  
Adrian, MI 49221  
517-264-4738 Office  
517-264-4740 Fax

**Michael Sexton**  
Deputy Superintendent  
cell: 517-902-7028  
*michael.sexton@lenawee.mi.us*

***Industrial Arts Building North/South New Store Front***

- Vale FRP entrance systems.
- Clear anodized framing, narrow lites in pair of doors.
- 1" FRP panel installed in sidelites.
- Von Duprin 9847 series panics with lever trim.
- One ELR per entrance.
- Continuous geared hinge with EPT110.
- LCN 4040XP closers.
- 1" insulated glass in transom and door lites.
- Power supply.
- Include demolition and installation.
- Clean up related to work area.
- Permits.

\$ 35,400<sup>00</sup>

Please submit quotes to Lenawee County Buildings & Grounds at 320 Springbrook Avenue, Adrian, MI 49221  
OR to the emails at the top of this letterhead.



# **Lenawee County Buildings & Grounds**

**Tim Mehan**  
Maintenance Superintendent  
cell: 517-403-6056  
[tim.mehan@lenawee.mi.us](mailto:tim.mehan@lenawee.mi.us)

320 Springbrook Ave., Ste. 101  
Adrian, MI 49221  
517-264-4738 Office  
517-264-4740 Fax

**Michael Sexton**  
Deputy Superintendent  
cell: 517-902-7028  
[michael.sexton@lenawee.mi.us](mailto:michael.sexton@lenawee.mi.us)

**Lenawee County Maurice Spear Campus**

2910 Airport Road

Adrian, MI 49221

## **Request for Quote: Door and Frame Replacements**

- Admin Lobby Door and Frame \$ 4,680<sup>00</sup>
- Boys Wing East Door Only \$ 3960<sup>00</sup>
- Boys Wing Mud Room Frame and Door \$ 5,580<sup>00</sup>
- Cafeteria Door and Leaf \$ 7,480<sup>00</sup>
- Cafeteria Loading Dock Frame and Door \$ 5,280<sup>00</sup>
- Girls Wing Mud Room Frame and Door \$ 4,760<sup>00</sup>
- Mechanical Room Basement Door Only 1,980<sup>00</sup>
- Detention North Entry Frame and Door \$ 4,960<sup>00</sup>
- Detention Boys Staff Door Only \$ 3,420<sup>00</sup>
- Detention Girls Staff Door Only \$ 3,420<sup>00</sup>
- Detention Interior Boys Key Cylinder; supply to owner \$ 280<sup>00</sup>
- Detention Maintenance Exterior Frame and Door \$ 3,925
- Gym Maintenance Shop Frame and Door \$ 4,930<sup>00</sup>
- Gym Entry Double Frame and Doors \$ 11,380<sup>00</sup>
- Gym NW Exit Door Only; alarm by others \$ 3,150<sup>00</sup>
- Miscellaneous Hinges (10); supply to owner \$ 270<sup>00</sup>

**Any/All Additional Charges Please Record Separately**

Dumpster \$ 800<sup>00</sup>

Please submit quotes to Lenawee County Building & Grounds at 320 Springbrook Avenue, Adrian, MI 49221 OR to the emails at the top of this letterhead.



Adrian Locksmith LLC  
402 N. Main ST  
Suite 2  
Adrian MI - Michigan 49221  
U.S.A

## ESTIMATE

Estimate# EST-709

|                              |
|------------------------------|
| Bill To                      |
| Lenawee Building and Grounds |

|             |                                |
|-------------|--------------------------------|
| Date        | Reference#                     |
| 18 Mar 2020 | Maurice Spear Campus Detention |

*Handwritten notes: UPDATED 7-1-21 NW 709 708 810 811*

| Item            | Description                                            | Qty      | Rate     | Amount   |
|-----------------|--------------------------------------------------------|----------|----------|----------|
| ZKAccess        | 4 door access control panel with power supply          | 1.00     | 1,600.00 | 1,600.00 |
| ZKAccess        | single door access control panel                       | 1.00     | 1,200.00 | 1,200.00 |
| ZKAccess        | 2 door access control panel                            | 2.00     | 1,400.00 | 2,800.00 |
| ZKAccess        | proximity reader                                       | 13.00    | 175.00   | 2,275.00 |
| HES 1006 Strike | 12/24vDC Electric Strike                               | 2.00     | 475.00   | 950.00   |
| HES 5200 Strike | 12vDC Electric strike                                  | 5.00     | 225.00   | 1,125.00 |
| Wire 18/2       | Plenum rated stranded 18 gauge wire                    | 1,500.00 | 0.35     | 525.00   |
| Wire 22/6       | Plenum Rated 22/6 gauge wire                           | 1,500.00 | 0.50     | 750.00   |
| Misc.           | Wire, wire mold, power supplies, shop supplies, etc... | 1.00     | 1,000.00 | 1,000.00 |
| Labor           | install access control system                          | 1.00     | 3,150.00 | 3,150.00 |

Looking forward for your business.

Sub Total 15,375.00

Tax Exempt (0%) 0.00

**Total \$15,375.00**



**Adrian Locksmith LLC**  
 402 N. Main ST  
 Suite 2  
 Adrian MI - Michigan 49221  
 U.S.A

## ESTIMATE

Estimate# EST-708

| Bill To                      |
|------------------------------|
| Lenawee Building and Grounds |

| Date        | Reference#                          |
|-------------|-------------------------------------|
| 18 Mar 2020 | Maurice Spear Campus Admin Building |

| Item                  | Description                                            | Qty      | Rate     | Amount   |
|-----------------------|--------------------------------------------------------|----------|----------|----------|
| ZKAccess              | 4 door access control panel with power supply          | 2.00     | 1,600.00 | 3,200.00 |
| ZKAccess              | proximity readers                                      | 8.00     | 175.00   | 1,400.00 |
| HES 5200 Strike       | 12vDC Electric strike                                  | 1.00     | 225.00   | 225.00   |
| Trine Electric Strike | Trine 4850 surface mounted rim electric strike         | 3.00     | 490.00   | 1,470.00 |
| Trine Electric Strike | Trine Axion strike                                     | 3.00     | 350.00   | 1,050.00 |
| Misc.                 | Wire, wire mold, power supplies, shop supplies, etc... | 1.00     | 1,200.00 | 1,200.00 |
| Wire 18/2             | Plenum rated stranded 18 guage wire                    | 1,200.00 | 0.35     | 420.00   |
| Wire 22/6             | Plenum Rated 22/6 gauge wire                           | 1,200.00 | 0.50     | 600.00   |
| Cat 5e network cable  | Your choice of color solid twisted pair network cable  | 200.00   | 0.20     | 40.00    |
| Labor                 |                                                        | 1.00     | 2,800.00 | 2,800.00 |
| BEA Transmitter       |                                                        | 1.00     | 75.00    | 75.00    |
| BEA Receiver          |                                                        | 1.00     | 75.00    | 75.00    |

Looking forward for your business.

Sub Total 12,555.00

Tax Exempt (0%) 0.00

**Total \$12,555.00**



**Adrian Locksmith LLC**  
402 N. Main ST  
Suite 2  
Adrian MI - Michigan 49221  
U.S.A

---

**ESTIMATE**

---

**Estimate# EST-810**

|                              |
|------------------------------|
| <b>Bill To</b>               |
| Lenawee Building and Grounds |

| Date        | Reference#           |
|-------------|----------------------|
| 30 Apr 2021 | Maurice Spear School |

| Item                  | Description                                            | Qty    | Rate     | Amount   |
|-----------------------|--------------------------------------------------------|--------|----------|----------|
| ZKAccess              | 4 door access control panel                            | 1.00   | 1,600.00 | 1,600.00 |
| Trine Electric Strike | Trine 4850 surface mounted rim electric strike         | 1.00   | 490.00   | 490.00   |
| HES 5200 Strike       | 12vDC Electric strike                                  | 1.00   | 225.00   | 225.00   |
| ZKAccess              | proximity reader                                       | 4.00   | 175.00   | 700.00   |
| Wire 18/2             | Plenum rated stranded 18 guage wire                    | 800.00 | 0.35     | 280.00   |
| Wire 22/6             | Plenum Rated 22/6 gauge wire                           | 800.00 | 0.45     | 360.00   |
| Misc.                 | Wire, wire mold, power supplies, shop supplies, etc... | 1.00   | 600.00   | 600.00   |
| Labor                 |                                                        | 1.00   | 1,500.00 | 1,500.00 |

Looking forward for your business.

Sub Total 5,755.00

Tax Exempt (0%) 0.00

---

**Total \$5,755.00**

---



Adrian Locksmith LLC  
402 N. Main ST  
Suite 2  
Adrian MI - Michigan 49221  
U.S.A

## ESTIMATE

Estimate# EST-811

|                              |
|------------------------------|
| <b>Bill To</b>               |
| Lenawee Building and Grounds |

| Date        | Reference#        |
|-------------|-------------------|
| 30 Apr 2021 | Maurice Spear Gym |

| Item            | Description                                            | Qty    | Rate     | Amount   |
|-----------------|--------------------------------------------------------|--------|----------|----------|
| ZKAccess        | 4 door access control panel                            | 1.00   | 1,600.00 | 1,600.00 |
| ZKAccess        | Reader                                                 | 4.00   | 175.00   | 700.00   |
| HES 5200 Strike | 12vDC Electric strike                                  | 3.00   | 225.00   | 675.00   |
| Wire 18/2       | Plenum rated stranded 18 guage wire                    | 800.00 | 0.35     | 280.00   |
| Wire 22/6       | Plenum Rated 22/6 gauge wire                           | 800.00 | 0.45     | 360.00   |
| Misc.           | Wire, wire mold, power supplies, shop supplies, etc... | 1.00   | 800.00   | 800.00   |
| Labor           |                                                        | 1.00   | 1,500.00 | 1,500.00 |

Looking forward for your business.

Sub Total 5,915.00

Tax Exempt (0%) 0.00

**Total \$5,915.00**



**LENAWEE COUNTY DRAIN COMMISSION****ACCOUNT BALANCE SUMMARY****June 30, 2021****INVESTMENTS**

| <b>Account Name</b>    | <b>#</b> | <b>Balance</b>                                                                         | <b>Bank</b> | <b>Type</b> |
|------------------------|----------|----------------------------------------------------------------------------------------|-------------|-------------|
| Lake Levels            | 841      | 2,944.14                                                                               | Comerica    | "J"         |
| Drains (Under \$1,000) | 801      | 84,001.00                                                                              | Comerica    | "J"         |
| Drains (Over \$1,000)  | 801      | 331,937.72                                                                             | Comerica    | "J"         |
| Drains (Over \$1,000)  | 801      | 203,012.40<br>\$100,000.00 - Rover Pipeline Bond<br>\$100,000.00 - Nexus Pipeline Bond | ONB         | Class       |
| Revolving Maintenance  | 804      | 6,087.77                                                                               | Comerica    | "J"         |

**639 - REVOLVING EQUIPMENT**

(Established 10/20/1992)

|                    |             |
|--------------------|-------------|
| Beginning Balance: | \$85,166.18 |
| Revenue            | 81,719.75   |
| Expenses           | (45,218.60) |

|                  |              |
|------------------|--------------|
| Current Balance: | \$121,667.33 |
|------------------|--------------|

**802 - REVOLVING DRAIN FUND**

(Established 01/01/1981)

|                    |              |
|--------------------|--------------|
| Beginning Balance: | \$750,000.00 |
| Loans to:          |              |
| Drains             | 405,244.97   |
| Supplies           | 51,562.48    |
| Lake Levels        | 44,286.94    |

|                  |              |
|------------------|--------------|
| Current Balance: | \$248,905.61 |
|------------------|--------------|

**804 - REVOLVING DRAIN MAINTENANCE FUND****Drainage District Money**

|                 |              |
|-----------------|--------------|
| Amount Loaned   | \$656,158.14 |
| Amount Invested | 6,087.77     |
| Funds on Hand   | 183,775.16   |

**801 - DRAINAGE DISTRICT FUNDS**

|               |              |
|---------------|--------------|
| Funds on Hand | \$951,438.00 |
|---------------|--------------|

---

---

## MEMORANDUM

---

---

**TO:** LENAWEЕ COUNTY BOARD OF COMMISSIONERS

**FROM:** JENNY ESCOTT, LENAWEЕ COUNTY DRAIN COMMISSIONER

**SUBJECT:** LAKE ARROWHEAD ESTATES, RAISIN TOWNSHIP

**DATE:** JUNE 15, 2021

---

The County of Lenawee is the owner of the Lake Arrowhead Estates Water System located in Raisin Township. During the last 34 years there have been 2 temporary increases in monthly charges for capital outlay/debt service projects, and most recently in 2019, the monthly O&M charge was increased by \$5.00 per month, per resident in order to start building a replacement fund for future replacements and/or large repairs. In January of 2021, we had built up approximately \$12,000.00 and since that time were able to complete several projects including painting the tank, some new piping along with removing a large tree next to the well house. We have current estimates for replacement of the roof, 2 roof hatches and installing a commercial dehumidifier for a cost of approximately \$13,000.00. I am proposing to add a debt service on to the monthly bills beginning September 1, 2021 in the amount of \$5.50 for 3 years to cover these costs. We will still be accumulating funds toward the replacement fund from the increase in the O&M charge, and this \$5.50 will be specifically for this current project. The monthly O&M rate will not be changing and remain at \$37.50 for 0-6,000 gallons/month, \$2.50 per 1,000 gallons over 6,000 in addition to the \$37.50 minimum, and \$2.00 per 1,000 gallons over 12,000 gallons in addition to the \$2.50 per 1,000 gallons for 6,001-12,000 gallons, and the \$37.50 minimum for the first 6,000 gallons.

Attached is a Resolution Authorizing Rate Increase for Capital Improvements/Debt Service Charge I am requesting to be approved.

Thank you.



**LENAWEE COUNTY BOARD OF COMMISSIONERS**

**301 N. Main St. Courthouse ~ Adrian, MI 49221**

(517) 264-4508

[www.lenawee.mi.us](http://www.lenawee.mi.us)



CHAIR

David Stimpson

VICE-CHAIR

Terry Collins

Nancy Jenkins-Arno

John Lapham

Dawn Bales

Karol "KZ" Bolton

Jim Goetz

Ralph Tillotson

Chris Wittenbach

**RES#2021-20**

**LAKE ARROWHEAD ESTATES WATER SYSTEM**

**Resolution Authorizing Rate Increases for Capital Improvements/Debt Service Charge**

**WHEREAS**, the County of Lenawee (the "County") is the owner of the Lake Arrowhead Estates Water System (the "System") in the Township of Raisin (the "Township") in the County; and

**WHEREAS**, by resolution adopted on April 14, 1982, the Township Board of the Township requested the Board of Commissioners of the County to accept and exercise jurisdiction over the System, to provide the necessary operation and maintenance services for the System and to charge and collect sufficient revenues from the users of the System to pay all costs of the System in perpetuity; and

**WHEREAS**, as a result of said action by the Township Board, the Board of Commissioners authorized and directed the Drain Commissioner to operate and maintain the System on behalf of the users thereof; and

**WHEREAS**, a roof replacement, purchase of 2 new roof hatches along with a new commercial dehumidifier was completed during June 2021 to insure continued use of the well house building to service the Lake Arrowhead water system; and

**WHEREAS**, the Board of Commissioners has determined, upon the recommendation of the Drain Commissioner, that it is necessary to add a monthly debt service charge for a period of (36) thirty-six months not to exceed \$13,000.00.

**NOW THEREFORE, BE IT RESOLVED** that:

1. Effective September 1, 2021 the monthly debt service charge for repayment of roof replacement and associated costs will be \$5.50 per month for (36) thirty-six months. Debt service charge to be included in monthly operations and maintenance billing statement.
2. All resolutions and parts of resolutions insofar as they conflict with the provisions of this resolution are rescinded.

**PASSED BY ROLL CALL VOTE** of the Lenawee County Board of Commissioners at a regular meeting held Wednesday, July 14, 2021 in Adrian Michigan.

---

David Stimpson, Chair

---

Roxann Holloway, County Clerk