



Board of County Commissioners Agenda Request

6B

Agenda Item #

Requested Meeting Date: 1/23/2018

Title of Item: Garn Furnace replacement plan - Long Lake CC

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> REGULAR AGENDA <input type="checkbox"/> CONSENT AGENDA <input type="checkbox"/> INFORMATION ONLY | Action Requested: <input checked="" type="checkbox"/> Approve/Deny Motion <input type="checkbox"/> Adopt Resolution (attach draft) | <input type="checkbox"/> Direction Requested <input type="checkbox"/> Discussion Item <input type="checkbox"/> Hold Public Hearing* <small>*provide copy of hearing notice that was published</small> |
| Submitted by: Land Commissioner | | Department: Land Department |
| Presenter (Name and Title): Mark Jacobs | | Estimated Time Needed: 15-minutes |
| Summary of Issue: The Garn wood heating system at Long Lake Conservation Center has been utilized for over 30-years; but is in need of replacement. Since the fall of 2015, repair costs have been over \$8,000. Staff received a quote from for replacing 5 old Garn units with 4 new more efficient units - Oaks Sales - Nisswa, MN = \$99,792 (only Garn vendor in the region) Staff received two quotes for removal of old units/installation of new units... - Climate Makers - Jenkins, MN = \$98,970 - McGuire Mechanical - Aitkin, MN = \$77,956 We received two IRRRB grants totaling \$100,800 (requiring \$93,700 match) Attached is a County plan to match the grant/fund project without using County General Fund (tax levy) dollars. - We will continue seeking potential outside dollars (grants, donations, etc) to assist with funding. | | |
| Alternatives, Options, Effects on Others/Comments: <div style="height: 50px;"></div> | | |
| Recommended Action/Motion: Staff recommends approval of furnace replacement plan... a) approve quote from Oaks Sales of Nisswa for 4 Garn units, b) approve quote from McGuire Mechanical of Aitkin for installation/disposal, c) approve County plan for matching grants and funding the projects | | |
| Financial Impact: Is there a cost associated with this request? <input type="checkbox"/> Yes <input type="checkbox"/> No What is the total cost, with tax and shipping? \$ Is this budgeted? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>Please Explain:</i> | | |

Oaks Sales Inc
 PO Box 16
 Nisswa, MN 56468

Estimate

| | |
|-----------|------------|
| Date | Estimate # |
| 4/27/2017 | 92 |

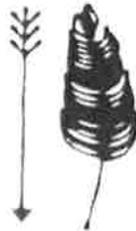
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|--|
| Name / Address |
| Long Lake Conservation Center 28952 438th Ln Palisade, MN 56469 |

| |
|---------|
| Ship To |
| |

| P.O. No. | Terms | Proposal Date | Account # | Project | Job Name |
|----------|-------|---------------|-----------|---------|----------|
| | | 4/27/2017 | | | |

| Item | Description | Qty | Cost | Total |
|------------------|--|-----|-----------|-----------|
| WHS-2000 | Model 2000 Garn WHS Wood Fired Hydronic Heater Vertical Vent | 4 | 17,995.00 | 71,980.00 |
| elec prep kit | 33 kw Off Peak Electric Package | 12 | 1,295.00 | 15,540.00 |
| Vertical Flue | Vertical Flue Package | 4 | 1,168.00 | 4,672.00 |
| Freight | Freight estimate | 1 | 1,600.00 | 1,600.00 |
| price adjustment | Customize size build increased diameter (Each) | 4 | 1,500.00 | 6,000.00 |

| | | |
|--|---------------------------|-------------|
| | Subtotal | \$99,792.00 |
| | Sales Tax (6.875%) | \$0.00 |
| | Total | \$99,792.00 |



LONG
LAKE
CONSERVATION
CENTER

LONG LAKE ENERGY CENTER PROJECT – SUMMER 2018 Specifications

QUOTE SHOULD INCLUDE THE FOLLOWING:

1. Removal/demolition and disposal of five existing Garn wood boilers (one unit being salvaged)
2. Insulation of boilers and piping
3. Electrical work – disconnect/demo of existing boilers, connection of new boilers
4. Installation of four new Garn wood boilers

WORK SCOPE:

- Assist with the removal of the existing boiler system, to disconnect and dispose of piping, chimney and fresh air intake piping
- Demolition and disposal of 5 boilers, salvaging 1 boiler for customer.
 - Includes removal and disposal of vermiculite insulation (no asbestos).
 - Includes a dumpster on site for demo materials.
 - "Broom clean" upon completion.
- Assist with coordination and layout of new boilers
- Coordinate and receive the new boilers on site and provide labor to set them in their final locations.
- Boilers to sit on foam board housekeeping pad per manufacturer recommendation
- Pipe hot water supply and return piping tied to the existing pump system
- Install combustion air ducting
- Install flue venting (provided with boilers) through roofing. Layout, cut holes, install venting and seal watertight
 - Includes all vent material, starter collars, offsets, vent thimbles, roof jacks, and end caps, as required for complete installation
- Boiler insulation to include:
 - 2" mineral wool with canvas wrap on all four boilers
 - Insulate all new piping to floor level (excludes piping in the trench)
 - Insulate combustion air intake duct
- Permit and bond

CONTRACTOR MUST BE FULLY INSURED AND BONDED

Questions concerning this project should be directed to:

Wendie Carlson, Business Manager: 218-768-4653 – wendie@longlakeecc.org

Anthony Miller, Maintenance Coordinator: 218-768-4653 – anthony@longlakeecc.org

Please return your quote to Wendie by **August 15, 2017** via one of the following:

- Mail: 28952 438th Lane, Palisade MN 56469
- Email: wendie@longlakeecc.org
- Fax: 218-768-2309

LONG LAKE GARN PROJECT PROPOSALS

| | <u>Installation</u> | <u>Electrical</u> | | <u>Total</u> <u>Installation</u> |
|--|---------------------|-------------------|---|-------------------------------------|
| Climate Makers <i>Jenkins, MN</i> | \$98,970 + | <i>included</i> | = | \$98,970 |
| McGuire Mechanical <i>Aitkin, MN</i> | \$58,700 + | \$19,256 | = | \$77,956 |

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LLCC Garn Furnace Replacement Payment Proposal

| Garn Project | | Comments |
|---------------------------|------------|----------------------------|
| a - Garn Units (4) | \$ 99,792 | replacing 5 old units |
| b - installation/disposal | \$ 77,956 | |
| c - misc | \$ 20,352 | permits, wood shed, etc |
| | \$ 198,100 | |
| IRRRB | \$ 100,800 | Grants (2) |
| County match | \$ 97,300 | |
| Co Park* - down payment | \$ 18,000 | 2016/17 to LLCC |
| ETF | \$ 22,000 | interest (2016/17) |
| ETF withdrawal | \$ 26,000 | 5.5% Principal |
| Co Park* - 2018 | \$ 12,500 | 2018 to LLCC |
| LLCC capital fund | \$ 18,800 | |
| Grant match | \$ 97,300 | |
| Total balance | \$ - | General Fund = \$ 0 |