



CITY OF MARINE CITY
Historical Commission Meeting Agenda
Marine City Fire Hall, 200 South Parker Street
Special Meeting: Monday, November 28, 2016 5:00 PM

1. **CALL TO ORDER**
2. **PLEDGE OF ALLEGIANCE**
3. **ROLL CALL:** Chairperson Kim Turner; Commissioners Frederick Babchek, William Beutell, Margaret Micoff, Darlean Sugameli-Jarfas, Scott Tisdale; City Manager Elaine Leven
4. **APPROVE AGENDA**
5. **APPROVE MINUTES**
6. **COMMUNICATIONS**
7. **PUBLIC COMMENT** *Residents are welcome to address the Historical Commission. Please state name and address. Limit comments to five (5) minutes.*
8. **UNFINISHED BUSINESS**
9. **NEW BUSINESS**
 - A. Exterior Lighting for Historic City Hall
10. **ADJOURNMENT**

9-A

Concerning Proposal by Hunter Electric for Exterior Lighting of Historic City Hall
300 Broadway, Marine City, Michigan 48039

Honorable Mayor and City Commissioners,

We submit for your approval the exterior lighting Bid for Historic City Hall located at,
300 Broadway, Marine City, Michigan.

Friends of City Hall and The Historical Society of Marine City, Michigan, have agreed to fully fund the project. The bid has been vetted through our rigorous requirements and was developed in consultation with Michael Itrich, the Supervisor of the Marine City Department of Public Works. Although there will be no cost to the city, there will be substantial savings to the city through the use of LED lightings and upgrades.

There are additional safety and convenience benefits that go well beyond the substantial aesthetic value to a city owned historic landmark and a city park.

We are pleased to be able to offer this gift as a part of our continuing efforts to transform this priceless bridge to our city's past into a profitable asset.

Sincerely,



Friends of City Hall
Rebecca R. Lepley, President



The Historical Society of Marine City, Michigan
Sherrill Zimmer, President

RECEIVED
OCT 25 2016

City of Marine City

*****PROPOSAL*****

**# 2159 REVISED
HUNTER ELECTRIC, INC.
6375 GENAW
ALGONAC, MI 48001
OFFICE 810-794-2825
FAX 810-794-7027**

DATE: OCTOBER 17, 2016

**PROPOSAL SUBMITTED TO: FRIENDS OF CITY HALL
ATTN: REBECCA LEPLLEY**

JOB NAME & ADDRESS: EXTERIOR LIGHTING

THE INSTALLATION OF:

- 3 – 150 WATT LED FLOODS (MANUFACTURER IS RAB LIGHTING)
- 3 – 2" RIDGED STEEL SUPPORT POSTS WITH CONCRETE REINFORCEMENT
- 1 – 30 WATT LED FLOOD FOR THE NORTH SIDE OF THE BUILDING
- 1 – 87 WATT LED SPOT LIGHT FOR THE FLAG POLE
- 60' – OF ¾" PVC CONDUIT RAN UNDERGROUND & UNDER SIDE WALK TO FLAG POLE LOCATION
- 1 – 20 AMP CIRCUIT EXTENDED FROM THE EXISTING OUTLETS BY THE PINE TREE TO THE FLAG POLE SPOT LIGHT
- 1 – 8" DIAMETER CONCRETE BASE WITH RIGID CONDUIT SUPPORT FOR FLAT POLE FIXTURE
- 3 – 20 AMP GFI RECEPTACLES ON EXTERIOR OF BUILDING ON 3 – DIFFERENT BRANCH CIRCUITS FOR CHRISTMAS LIGHTING & MISC. FUNCTIONS ON THE PROPERTY
- 1 – 20 AMP LED RATED PHOTO CELL TO CONTROL THE NEW LED BUILDING LIGHTS
- 1 – LED DIMMER FOR THE GAZEBO LIGHTS IN A WEATHER PROOF BOX & COVER
- THE POWER FOR THE NEW LIGHTS WILL BE SUPPLIED FROM THE EXISTING OUTLETS LOCATED UNDER THE PINE TREE & FROM THE GAZEBO
- NEW JUNCTION BOXES, PHOTO CELLS, FLEX WHIPS TO CONNECT THE NEW FIXTURES ARE INCLUDED
- TRENCHING TO LIGHT FIXTURE LOCATIONS IS INCLUDED (40' MAXIMUM)
- LABOR IS INCLUDED TO DEMO LED FLOOD LIGHT LOCATIONS AFTER DUSK

NOTES:

- PERMIT FEES INCLUDED UP TO \$100
- MINOR LANDSCAPE AREA IS RECOMMENDED AROUND THE NEW LIGHT FIXTURES. THIS IS NOT INCLUDED IN THIS PROPOSAL
- HUNTER ELECTRIC TO RE-GRADE AREAS & RAKE FLAT. LAWN REPAIRS & GRASS SEED BY OTHERS (IF NEEDED)
- 5 YEAR WARRANTY ON RAB FIXTURES

DEDUCT:

ELIMINATE FLAG POLE LIGHTING – DEDUCT FROM PROPOSAL AMOUNT \$ - 2,450.00

WE PROPOSE HEREBY TO FURNISH MATERIAL & LABOR, COMPLETE & IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF: \$ 8,470.00 *****

***ALL MATERIAL AND LABOR PROVIDED BY HUNTER ELECTRIC, INC., PER PROPOSAL, IS UNDER WARRANTY FOR ONE YEAR FROM DATE OF COMPLETION.**

RESPECTFULLY SUBMITTED _____ RANDY BRYER _____ HUNTER ELECTRIC, INC.

THIS PROPOSAL MAY BE WITHDRAWN BY US IF NOT ACCEPTED WITHIN 10 DAYS.

DATE OF ACCEPTANCE: _____ SIGNATURE _____



6375 Genaw
 Algonac MI 48001
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 (810) 602-1866 CELL
 (810) 794-7027 FAX

E L E C T R I C

**MARINE CITY HISTORIC CITY HALL
 EXTERIOR LIGHTING EXCHANGE
 11/2/16**

<u>FIXTURES TO BE REMOVED</u>	<u>TOTAL WATTS</u>
2 – 250 WATT QUARTZ LIGHTS.....	500 WATTS
1 – 400 WATT HIGH PRESSURE SODIUM LIGHT.....	400 WATTS
2 – 150 WATT HIGH PRESSURE SODIUM.....	<u>300 WATTS</u>
TOTAL	1,200 WATTS

REPLACEMENT LED FIXTURES

 2 – 150 WATT LED FLOODS – WALL WASHERS.....	300 WATTS
 1 – 30 WATT LED LIGHT – NORTH ENTRANCE.....	30 WATTS
 2 – 20 WATT LED LIGHTS – SOUTH & WEST ENTRANCE....	40 WATTS
 1 – 87 WATT LED LIGHTS – FLAG POLE.....	<u>87 WATTS</u>
TOTAL	457 WATTS

COST COMPARISON

	<u>CURRENT USAGE</u>	<u>LED FIXTURE USAGE</u>
WATTS PER HOUR	1,200 WATTS	457 WATTS
AVG. HOURS USED	<u>X 10 HOURS</u>	<u>X 10 HOURS</u>
AVG. WATTS PER NIGHT	12,000 WATTS	4,570 WATTS
ANNUAL USAGE	<u>X 365 NIGHTS</u>	<u>X 365 NIGHTS</u>
ANNUAL WATTS	4,380,000 WATTS	1,668,050 WATTS
DTE KWH CHARGE PER 1000	<u>÷ 1,000</u>	<u>÷ 1,000</u>
DTE CHARGE BASIS	4,380	1,668
AVG. DTE KWH CHARGE	<u>X .12</u>	<u>X .12</u>
APPROXIMATE ANNUAL COST	\$ 526	\$ 200*

ANNUAL COST SAVINGS = \$ 326

***LED'S WILL PROVIDE APPROXIMATELY 75% MORE LIGHT & COVERAGE THAN CURRENT LIGHTING AND STAY COOL TO THE TOUCH!**

Pearl Street

petting
zoo

15th Michigan Encampment

Port-a-potties & Wash station

Stills

Loading

Children's Activities

2nd Floor - Performances
Opera House

1st Floor - Displays

Donation Station
& Tickets

Ye Olde Cookie Shop

Workshops

ship's rudder
capstan

Croquet

band stand

Achatz Food & Refreshments

MCFD Historic Grass Fire Truck

bell

BI-Centen
Oak tree

Broadway Street

Cottrell Car - Horse & Buggy Rides

North Elizabeth Street

