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# Le Sueur County, MN

Tuesday, October 20, 2015

Board Meeting

## Item 9

**11:20 a.m. Don Reak, Parks (10 min)**

*RE: Solar panel at Nye Park*

*RE: Mountain bike course at Nye Park*

Staff Contact:



MONTGOMERY, MN (507)364-7520

KRIHA ELECTRIC, LLC  
507 4TH STREET SW  
MONTGOMERY, MN 56069  
Phone: 507-364-7520

# PROPOSAL

<b>PROPOSAL #</b>	406	<b>PAGE</b>	1
<b>DATE</b>	09/22/2015		
<b>DESC</b>	SOLAR PROJECT		
<b>LOC</b>	28238 NATURE CENTER LN HENDERSON, MN 56044		
<b>CONTACT</b>	DON REAK		
<b>PHONE</b>	612-756-1359		

### CUSTOMER

NEY NATURE CENTER  
28238 NATURE CENTER LN  
PO BOX 93  
HENDERSON, MN 56044

PROPOSAL: INSTALL A SOLAR ARRAY AT NEY NATURE CENTER.

#### SOLAR ARRAY:

SUPPLY AND INSTALL A POLE, POLE MOUNT RACKING SYSTEM, AND 4.275KW SOLAR ARRAY. SOLAR ARRAY TO CONSIST OF 15 285W SOLAR PANELS AND 15 MICROINVERTERS FED THROUGH A 30A/240V DISCONNECT TO A 2 POLE 30A BREAKER IN A SOLAR LOAD CENTER. PROPOSAL PRICE ALSO INCLUDES SITE EXCAVATION, CONCRETE FOOTING FOR POLE AND SETTING OF 21' POLE. PROPOSAL DOES NOT INCLUDE CLEARING OF VEGETATION AT PROPOSED SITE.

19,240.00

#### FEED FROM SOLAR LOAD CENTER TO UTILITY:

INSTALL A 100A SOLAR LOAD CENTER CAPABLE OF SUPPORTING UP TO 2 ADDITIONAL ARRAYS OTHER THAN THE PROPOSED ARRAY. SUPPLY AND INSTALL 100A/240V FEEDER FROM SOLAR LOAD CENTER TO PV SOLAR METER. RENOVATE EXISTING UTILITY SERVICE TO INCLUDE PV SOLAR METER, SOLAR 100A FUSED DISCONNECT AND NEW WOOD STRUCTURE TO SUPPORT EXISTING UTILITY EQUIPMENT AND THE ADDITION OF THE PV EQUIPMENT. UPDATE UTILITY SIDE EQUIPMENT AS NEEDED. SUPPLY AND INSTALL AN PV INTERACTIVE MONITORING SYSTEM TO ALLOW USERS ACCESS TO USAGE AND OTHER FEATURES.

6,444.00

ALL WIRING TO BE COMPLETED & INSPECTED ACCORDING TO THE NATIONAL ELECTRIC CODE.

KRIHA ELECTRIC, LLC, AND/OR ITS AFFILIATES, CANNOT BE LIABLE FOR BURIED PRIVATE UNDERGROUND UTILITIES & PRIVATELY INSTALLED UTILITY LINES HIDDEN FROM SIGHT. KRIHA ELECTRIC, LLC AND/OR ITS AFFILIATES, DOES NOT ASSUME RESPONSIBILITY FOR DAMAGES DONE TO PRIVATE UNDERGROUND UTILITIES WHILE PERFORMING SERVICES. PRIVATE UNDERGROUND UTILITIES INCLUDE, BUT ARE NOT LIMITED TO: PRIVATE NATURAL GAS OR PROPANE LINES, SPRINKLER LINES, ELECTRONIC DOG FENCES, PRIVATE TELEPHONE WIRE, PRIVATE TELEVISION CABLES, PRIVATE ELECTRICAL WIRING SUCH AS LANDSCAPE LIGHTING, SPRINKLER CONTROL WIRING, ANY BURIED ELECTRIC LINES, TILE LINES, SEPTIC LINES, AND WATER LINES.

GOPHER ONE WILL BE CALLED PRIOR TO ARE ARRIVAL, ALL PUBLIC UTILITIES WILL BE MARKED AT THAT TIME, PRIVATE UTILITIES WILL NOT BE MARKED SUCH AS PRIVATELY OWNED ELECTRIC AND GAS LINES WILL NOT BE MARKED. THIS INCLUDES, BUT IS NOT LIMITED TO, ELECTRICAL LINES EXTENDING TO OUT BUILDINGS, OUTDOOR LIGHTING, HOT TUBS, WELLS, SEPTICS, OR LIGHT POLES AND GAS LINES EXTENDED TO OUTBUILDINGS, OUTDOOR KITCHENS, FIREPLACES, OR GRILLS. KRIHA ELECTRIC, LLC AND/OR ITS AFFILIATES DOES NOT ASSUME RESPONSIBILITY FOR DAMAGES DONE TO THESE TYPES OF LINES.

VISIBLY MARK, WITH MARKING PAINT OR FLAGS, ANY PRIVATELY INSTALLED UTILITIES PRIOR TO DIGGING. WE WILL TAKE REASONABLE PRECAUTION TO AVOID DAMAGE TO THESE MARKED UTILITIES, HOWEVER PRE-NOTIFICATION OR MARKING DOES NOT PLACE DAMAGE LIABILITY ON KRIHA ELECTRIC, LLC OR ITS AFFILIATES.

THIS PROPOSAL DOES NOT INCLUDE ANY COSTS INCURRED BY THE UTILITY COMPANY.

DUE TO VOLATILE MATERIAL MARKETS, PRICES ARE VALID FOR A PERIOD OF 30 DAYS AND ARE SUBJECT TO CHANGE AFTER 30 DAYS OF PROPOSAL DATE.



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 28238 NATURE CENTER LN  
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 HENDERSON, MN 56044

We Propose hereby to furnish material and labor - complete in accordance with these specifications for the sum of: **\$25,684.00**

Twenty Five Thousand Six Hundred Eighty Four Dollars And 00 Cents

**Payable as follows:**

60% of proposal due at start of electrical work. Balance plus any extras not included in proposal due upon completion of electrical work.

**Authorized Signature:** ..... **Date:** .....

**Note:** This Proposal may be withdrawn by us if not accepted within 30 Days

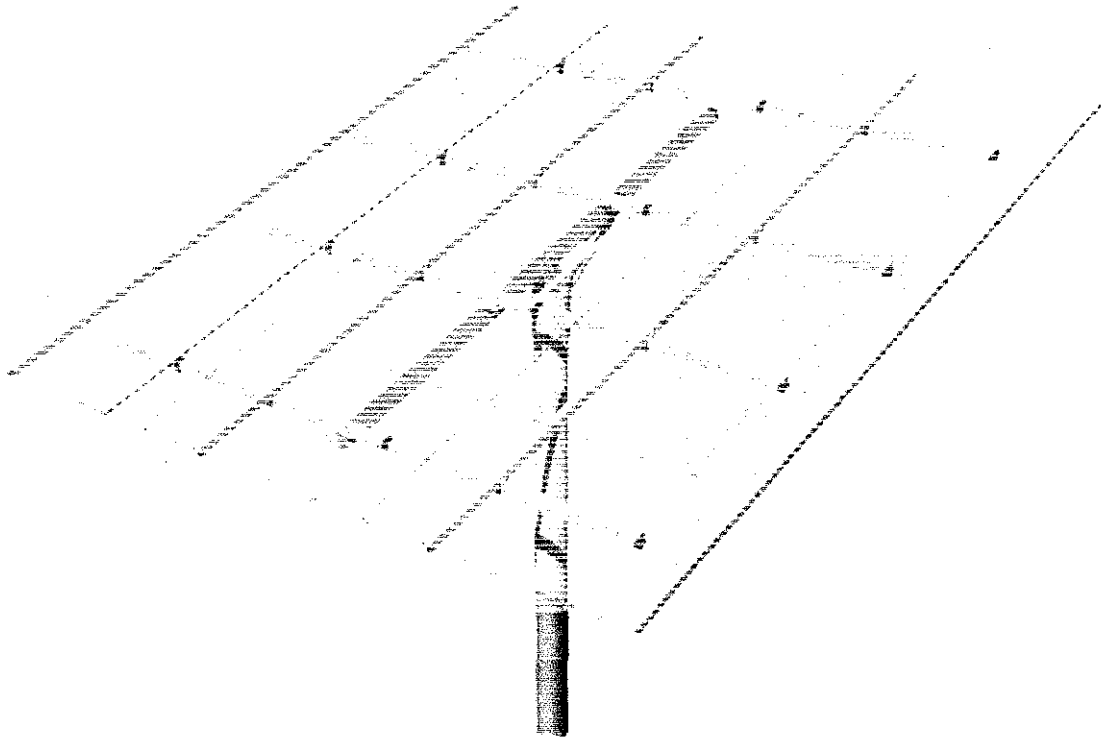
All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays are beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. We are authorized to provide you with this notice: Any person or company supplying labor or materials for this improvement to your property may file a lien against your property if that person or company is not paid for the contributions.

**ACCEPTANCE OF PROPOSAL -** The Prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

**Signature:** ..... **Date:** .....

# DPW TPM15-G Top-of-Pole Mount for 15 Type-G Modules

## TPM15-G



(Image 1 of 1)