

CITY OF NORTH LITTLE ROCK, ARKANSAS  
COMMERCE DEPARTMENT  
Mary Beth Bowman, Director  
Amy Smith, Assistant Director for Procurement  
Crystal Willis, Admin. Sect./Assistant Purchasing Agent



120 MAIN STREET, North Little Rock, AR 72114  
P.O. BOX 5757, North Little Rock, AR 72119  
501-975-8881 Phone  
501-975-8885 Fax

## INVITATION TO BID/PROPOSAL COVER SHEET

Bid Number : \_\_\_\_\_ 17-3488 \_\_\_\_\_ Date Issued: \_\_\_\_\_ August 26, 2017  
Date & Time Bid Opening: \_\_\_\_\_ Tuesday, September 12, 2017 at 10:00a.m.

### Electrical Service Upgrade at Maritime Museum

Mandatory Pre-Bid Meeting: Tuesday, August 29, 2017 at 10:00 a.m.  
at 120 Riverfront Park Drive in North Little Rock

Total Project Bid Price: \$ \_\_\_\_\_

Plans, specifications, proposal forms and other contract documents may be examined at the following locations:

- [www.nlr.ar.gov](http://www.nlr.ar.gov), click on the tab "Business", click on "Bids and Vendors" and then click on "Current Bids".
- Commerce Department, 120 Main Street, North Little Rock, Arkansas 72114.

- Please direct technical questions and/or comments to: Greg Zonner at 501-307-5522 or [gzonner@aimmmuseum.org](mailto:gzonner@aimmmuseum.org).
- General bid questions should be directed to the Commerce Department at 501-975-8881.

Responses to relevant questions will be posted on the Commerce web page at [www.nlr.ar.gov](http://www.nlr.ar.gov), click on the tab "Business", click on "Bids and Vendors" and then click on "Current Bids".

The City of North Little Rock encourages participation of small, minority, and woman own business enterprises in the procurement of goods, services, professional services, and construction, either as a general contractor or sub-contractor. It is further requested that whenever possible, majority contractors who require sub-contractors, seek qualified small, minority, and woman businesses to partner with them.

If you are obtaining this bid from our website, please be reminded that addendums may occur. It is therefore advisable that you review our listings for attachments including any changes to the bid.

### EXECUTION OF BID

Upon signing this page, the organization certifies that they have read and agree to the requirements set forth in this bid including conditions set forth and pertinent information requests.

Name of Firm: \_\_\_\_\_ Phone No.: \_\_\_\_\_

Tax I.D. #: \_\_\_\_\_

Business Address: \_\_\_\_\_

Signature of Authorized Person: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_, 2017

UNSIGNED COVER SHEETS STATEMENTS WILL BE REJECTED

## Bid #17-3488

### Electrical Service Upgrade at Maritime Museum

Project: Upgrade main electrical service to meet current electrical codes and add a 200 AMP service to the USS Hoga, a WWII tug boat.

Project Location: Arkansas Inland Maritime Museum  
120 Riverfront Place Drive  
North Little Rock, AR 72114

Project Contact: Greg Zonner  
gzonner@aimmuseum.org  
501-307-5522

**Mandatory Pre-Bid Meeting: Tuesday, August 29, 2017 at 10 a.m. at 120 Riverfront Park Dr in NLR**

Project Specifications:

1. Drawing is attached.
2. All electrical work shall comply with the 2017 edition of the National Electrical Code, the local city electrical code, and the Arkansas Fire Prevention Code.
3. Material and equipment shall be UL labeled where UL tests such material and equipment.
4. The contractor shall obtain and pay for all fees, permits, and inspections.
5. Electrical work shall be performed by skilled craftsmen.
6. Defective work and material shall be removed and installed properly.
7. All equipment and material shall be new and shall be the standard products of manufacturers regularly engaged in their production.
8. All equipment, materials, and incidentals shall be furnished and installed for complete and operations systems as indicated.
9. All conductors shall be phased and color coded, "A-B-C-N", left-to-right, top-to-bottom, and front-to-back.
10. All circuits shall be free of short circuits or grounds, and the insulation resistance of all circuits shall be measured with a 500 volt megger.
11. New raceways shall be RGC above grade. PVC, SCH. 40, below grade all raceways shall be installed plumb, level, and parallel with the building lines.
12. Wiring shall be 600 volt insulated, code type THHN/THWN, sizes. Equipment grounding conductors shall be installed in all raceways.
13. Outlet boxes shall be suitable for the devices and approved for the service.
14. Junction and pull boxes shall be installed where required or shown, of code size, of type as required and approved for the use.
15. Heavy duty disconnect switches shall be furnished and installed for all equipment as indicated and required by code.
16. All equipment and circuits shall be identified with an approved nameplate or number, respectively.
17. Distribution and lighting panelboards shall be circuit breaker type with copper bus, rated as scheduled.



**Batson Inc.**  
ENGINEERING SOLUTIONS  
1350 Greenwood Drive  
Little Rock, Arkansas 72202  
501.666.3333 • www.batsoninc.com

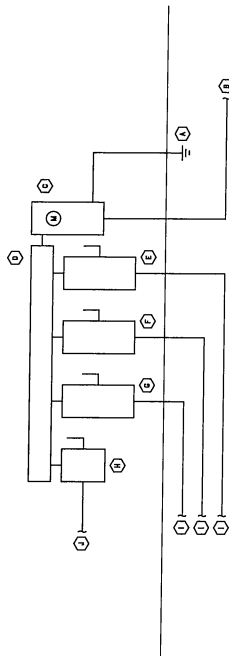


# ELECTRICAL SERVICE MARITIME MUSEUM LITTLE ROCK, ARKANSAS

REVISED

DATE:	02/21/17
PROJECT:	POWER RISER REVISION
DESIGNER:	
CHECKER:	
SCALE:	

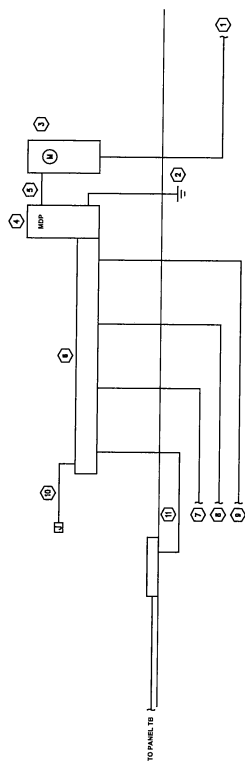
Sheet Number  
**E-1.1**



**EXISTING POWER RISER DIAGRAM**

**KEYED NOTES:**

- 1 EXISTING RISER
- 2 EXISTING RISER
- 3 EXISTING ELECTRICAL SERVICE - (1-240V) (SEE PANEL ONE(1) SHEET)
- 4 EXISTING METER
- 5 EXISTING METER
- 6 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 7 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 8 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 9 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 10 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 11 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED
- 12 EXISTING 200A DISCONNECT SWITCH - TO BE REPAIRED



**NEW POWER RISER DIAGRAM**

**KEYED NOTES:**

- 1 NEW ELECTRICAL SERVICE - IF REQUIRED BY NEW BUILDING
- 2 NEW RISER - (1-240V) - CONNECT TO EXISTING RISER END
- 3 NEW C.T. METER - IF REQUIRED BY NEW BUILDING
- 4 NEW METER AS SCHEDULED
- 5 24-000 (200A) 1"2
- 6 NEW METER
- 7 CONNECT EXISTING 200A FEEDER TO NEW BREAKER
- 8 CONNECT EXISTING 200A FEEDER TO NEW BREAKER
- 9 CONNECT EXISTING 200A FEEDER TO NEW BREAKER
- 10 CONNECT EXISTING 200A FEEDER TO NEW BREAKER
- 11 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 12 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 13 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 14 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 15 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 16 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 17 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 18 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 19 NEW 200A DISCONNECT SWITCH - (1-240) 1"2
- 20 NEW 200A DISCONNECT SWITCH - (1-240) 1"2

**SPECIFICATIONS**

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE, THE NATIONAL FIRE ALARMING CODE, AND THE NATIONAL FIRE PROTECTION CODE.
2. MATERIALS AND EQUIPMENT SHALL BE U.S. LABELED WHERE U.S. TESTS SUCH AS UL LISTING ARE REQUIRED.
3. MATERIALS AND EQUIPMENT SHALL BE U.S. LABELED WHERE U.S. TESTS SUCH AS UL LISTING ARE REQUIRED.
4. ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTORS.
5. EXISTING WORK AND MATERIAL SHALL BE REPAIRED OR REPLACED AS NECESSARY.
6. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE PROTECTION CODE.
7. ALL EQUIPMENT, MATERIALS, AND INCIDENTALS SHALL BE FINISHED AND INSTALLED FOR COMPLETE AND OPERATING SYSTEMS AS INDICATED.
8. ALL CONDUCTORS SHALL BE PHASED AND COLOR CODED: "A"-B-C-W, "1"-2-3-4-5, "12"-13-14-15-16-17-18-19-20-21-22.
9. ALL CONDUCTORS SHALL BE PROTECTED BY RIGID CONDUIT AND THE INSULATION RESISTANCE OF ALL CIRCUITS SHALL BE MEASURED WITH A 500 VOLT MEGGER.
10. RACKS SHALL BE GROUND AND LEADABLE CONDUIT. ALL RACKS SHALL BE FINISHED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE PROTECTION CODE. ALL RACKS SHALL BE FINISHED AND INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL FIRE PROTECTION CODE.
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**TERMS AND STANDARD CONDITIONS  
CITY OF NORTH LITTLE ROCK, ARKANSAS**

PLEASE READ CAREFULLY

1. When submitting an "Invitation to Bid," the bidder warrants that the commodities covered by the bid shall be free from defects in material and workmanship under normal use and service. In addition, bidder must deliver new commodities of the latest design and model, unless otherwise specified in the "Invitation to Bid."
2. Prices quoted are to be net process, and when an error is made in extending total prices, the City may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.
3. Discounts offered will be taken when the City qualifies for such. The beginning date for computing discounts will be the date of invoice or the date of delivery and acceptance, whichever is later.
4. When bidding other than the brand and/or model specified in the "Invitation to Bid," the brand and/or model number must be stated by that item in the "Invitation to Bid," and descriptive literature be submitted with the bid.
5. The City reserves the right to reject any and all bids.
6. The Purchasing office reserves the right to award items, all or none, or by line item(s).
7. Quality, time and probability of performance may be factors in making an award.
8. Bid quotes submitted will remain firm for 30 calendar days from bid opening date; however, the prices may remain firm for a longer period of time if mutually agreeable between bidder and the Department of Commerce and Governmental Relations.
9. Bidder must submit a completed signed copy of the front page of the "Invitation to Bid" and must submit any other information required in the "Invitation to Bid."
10. In the event a contract is entered into pursuant to the "Invitation to Bid," the bidder shall not discriminate against any qualified employee or qualified applicant for employment because of race, sex, color, creed, national origin or ancestry. The bidder must include in any and all subcontracts a provision similar to the above.
11. Sales or use tax is not to be included in the bid price, but is to be added by the vendor to the invoice billing to the City. Although use tax is not to be included in this bid, vendors are to register and pay tax direct to the Arkansas State Revenue Department.
12. Prices quoted shall be "Free on Board" (F.O.B.) to destination at designated facility in North Little Rock. Charges may not be added after the bid is opened.
13. In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders or split in any proportion between them at the discretion of the Department of Commerce and Governmental Relations.
14. Specifications furnished with this Invitation are intended to establish a desired quality or performance level, or other minimum dimensions and capacities, which will provide the best product available at the lowest possible price. Other than designated brands and/or models approved as equal to designated products shall receive an equal consideration.
15. Samples of items when required, must be furnished free, and, if not called for within 30 days from date of bid opening, will become property of the City.
16. Bids received after stated time for opening will not be considered.
17. Guarantees and warranties should be submitted with the bid, as they may be a consideration in making an award.
18. **CONSTRUCTION**
  - A. Contractor is to supply the City with evidence of having and maintaining proper and complete insurance, specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability and Property Damage. All premiums and cost shall be paid by the Contractor. In no way will the City be responsible in case of accident.
  - B. When noted, a Certified check or bid bond in the amount of 5% of total bid shall accompany bid.
  - C. A Performance Bond equaling the total amount of any bid exceeding \$20,000.00 must be provided for any contract for the repair, alteration or erection of any public building, public structure or public improvement (pursuant to Arkansas Code Annotated Section 22-9-203).
19. **LIQUIDATED DAMAGES** - Liquidated damages shall be assessed beginning on the first day following the maximum delivery or completion time entered on this bid form and/or provided for by the plans and specifications.
20. **AMBIGUITY IN BID** - Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance by the bidder with specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the City.
21. The bid number should be stated on the face of the sealed bid envelope. If it is not, the envelope will have to be opened to identify.
22. Whenever a bid is sought seeking a source of supply for a specified period of time for materials and services, the quantities of usage shown are estimated ONLY. No guarantee or warranty is given or implied by the participants as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for the bidders information ONLY and will be used for tabulation and presentation of bid and the participant reserves the right to increase or decrease quantities as required.
23. The City of North Little Rock reserves the right to reject any and all bids, to accept in whole or in part, to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by the bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the City of North Little Rock may accept the bid for the lesser amount whether reflected by the extension or by the correct multiple of the unit price.
24. Additional information of bid forms may be obtained from:  
DEPARTMENT OF COMMERCE , 120 Main Street, P.O. Box 5757, North Little Rock, Arkansas 72119 (501) 975-8881