

State of Arkansas

County of Jefferson

Quorum Court

APPROPRIATION ORDINANCE NO. 2021-\_\_\_\_\_

AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER FROM 3046 AMERICAN RECOVERY PLAN TO FUND 4802 SPECIAL PROJECT CONSTRUCTION FUND- SEARK.

BE IT ENACTED THE QUORUM COURT OF THE COUNTY OF JEFFERSON, STATE OF ARKANSAS.

Article I. The County Judge is authorized to approve a transfer of funds for \$3,000,000.00 from 3046 American Recovery Plan to 4802 Special Project Construction Fund – SEARK.

Article II. The County Judge is allowed to authorize the appropriation distribution as outlined in the attachment hereto.

Article III. The County Treasurer is authorized to transfer funds for \$3,000,000.00 from the American Recovery Plan to Fund 4802 Municipal Special Project Construction.

Article IV. This Appropriation Ordinance shall be in full force and effect from and after its passage and approval.

AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER  
FROM 3046 AMERICAN RECOVERY PLAN TO FUND 4802 SPECIAL  
PROJECT CONSTRUCTION FUND- SEARK.

BY:

\_\_\_\_\_

Jimmy Fisher  
JUSTICE OF THE PEACE  
JEFFERSON COUNTY, ARKANSAS

APPROVED:

\_\_\_\_\_

GERALD ROBINSON  
JEFFERSON COUNTY JUDGE  
JEFFERSON COUNTY, ARKANSAS

Date \_\_\_\_\_

Attachment – 1 page

APPROVED BY:

\_\_\_\_\_

TERRY WYNNE  
COUNTY ATTORNEY  
JEFFERSON COUNTY, ARKANSAS

ATTEST:

\_\_\_\_\_

SHAWNDRA TAGGART  
JEFFERSON COUNTY CLERK  
JEFFERSON COUNTY, ARKANSAS

Date \_\_\_\_\_



## Office of the President

June 30, 2021

The Honorable Gerald Robinson  
Jefferson County Judge  
101 West Barraque Street, Suite 107  
Pine Bluff, AR 71601

Dear Judge Robinson:

Southeast Arkansas (SEARK) College is preparing to construct a new Student Center as well as 300 units of new student housing. To this end, I am grateful for the recent opportunity to present this project to you and members of the Jefferson County Quorum Court on June 10<sup>th</sup>, 2021. The Student Center and related Student Housing will be purposefully built to operate as college facilities during non-emergency situations; however, both of these facilities can transition quickly to serve the public in a pandemic or other significant emergency scenario.

To that end, I am respectfully requesting \$3 million from Jefferson County's initial allotment of funds from the American Rescue Plan Act (ARP) to assist with the construction of these two facilities. Once approved, SEARK will sign an interlocal agreement with Jefferson County that will allow the county access to, and use of, these buildings during a public health emergency, such as the ongoing COVID-19 Pandemic. We are committed to working with our local partners, such as Jefferson County, to better position our public entity's ability to respond to public health-related and other emergencies.

Please let me know if I can provide any additional information regarding these important new facilities. You may contact me via mobile at (870) 209-2591 or via e-mail at [sbloomberg@seark.edu](mailto:sbloomberg@seark.edu).

I want to thank both you and members of the Jefferson County Quorum Court for your consideration and your potential support of this project.

Sincerely,

A handwritten signature in black ink, appearing to be "SB", written over a circular scribble.

Dr. Steven Bloomberg, President  
Southeast Arkansas College

State of Arkansas  
County of Jefferson  
Quorum Court

APPROPRIATION ORDINANCE NO. 2021-\_\_\_\_\_

AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER FROM 3046 AMERICAN RECOVERY PLAN TO FUND 4802 SPECIAL PROJECT CONSTRUCTION FUND – CITY OF HUMPHREY (WATER TREATMENT).

BE IT ENACTED THE QUORUM COURT OF THE COUNTY OF JEFFERSON, STATE OF ARKANSAS.

Article I. The County Judge is authorized to approve a transfer of funds for \$57,200.00 from 3046 American Recovery Plan to 4802 Special Project Construction Fund – Humphrey.

Article II. The County Judge is now allowed to authorize the appropriation distribution as outlined in the attachment hereto.

Article III. The County Treasurer is authorized to transfer funds for \$47,700.00 from Fund 3046 American Recovery Plan to Fund 4802 Municipal Special Project Construction.

Article IV. This Appropriation Ordinance shall be in full force and effect from and after its passage and approval.

AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER FROM 3046 AMERICAN RECOVERY PLAN TO FUND 4802 SPECIAL PROJECT CONSTRUCTION FUND – CITY OF HUMPHREY (WATER TREATMENT).

BY:

\_\_\_\_\_

Jimmy Fisher  
JUSTICE OF THE PEACE  
JEFFERSON COUNTY, ARKANSAS

APPROVED:

\_\_\_\_\_

GERALD ROBINSON  
JEFFERSON COUNTY JUDGE  
JEFFERSON COUNTY, ARKANSAS

Date \_\_\_\_\_

Attachments – 10 pages

APPROVED BY:

\_\_\_\_\_

TERRY WYNNE  
COUNTY ATTORNEY  
JEFFERSON COUNTY, ARKANSAS

ATTEST:

\_\_\_\_\_

SHAWNDRAGART  
JEFFERSON COUNTY CLERK  
JEFFERSON COUNTY, ARKANSAS

Date \_\_\_\_\_

**CITY OF HUMPHREY**  
**P.O. Box 128**  
**HUMPHREY, ARKANSAS 72073**  
**Ph: (870) 873-4615**  
**Fax: (870) 873-4657**

June 30, 2021

Honorable Judge Gerald Robinson  
Jefferson County Judge

Re: Water Plant Rehabilitation

The City of Humphrey is requesting assistance to fix issues with the city's water treatment plant. The cost for repairs is \$57,200.00.

Clean Water State Revolving Fund and Drinking Water Revolving Fund Investments. Projects or activities of the type that would be eligible under section 603 (c) or section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12).

If you have any questions please call me at (870)873-4615 or cell number (870)830-4132.

Thanks,

  
Cleveland Hatch – Mayor



411 North Elmira, Suite 3  
Russellville, Arkansas 72802

Phone: 501.224.1000  
Fax: 501.499.6223

June 29, 2021

Mayor Cleveland Hatch  
City of Humphrey  
P.O. Box 128  
Humphrey, Arkansas 72073

Re: Water Plant Rehabilitation

Dear Mayor Hatch:

As you know we have been assisting the City with analyzing and determining the solution for the issues with the city's water treatment plant. We have determined the cause of the failure of the water plant, and we have developed a solution and a cost estimate with timetable to initiate the needed repairs. Following is the information for the project:

#### Issue With Existing Filter

We have researched and visited the facility and collected the information necessary for the solution. We acquired the information from site visits and have determined that the issue with the failure of the filter is that the media inside the filter has been lost. The maintenance manual for the plant states that media should be added to the plant every six months. Records show that the plant was completed and put into service in 2004, approximately 17 years ago. According to reports from the city, there has not been any maintenance on the filters over that time. As part of its normal operations, after a certain number of hours of operation, the plant will go through a cleaning cycle or backwash cycle. The plant has default settings to do the backwash that is based on the volume of media that is supposed to be in the filter. The media will become displaced over time depending on the number of backwash cycles performed. Once the media levels drop, the backwash cycle will be too strong and will displace a large portion of the media.

This is what has happened to the filter, almost all the media has been washed out of the filter and thusly the water is not being treated as intended. As you may know, this filter is mainly for iron removal, which is considered a secondary contaminant. While the water is technically safe to drink, it is discolored and will likely have a strong metallic taste.

#### Proposed Filter Rehabilitation and Cost

The equipment, and controls for the plant all seem to be in good working order. Therefore, the filter needs to go through a filter rehabilitation process. Following is a description of the rehabilitation process for the filter:

- Establish a bypass of the filter to allow for uninterrupted water supply to the City during the rehab process.
- Issue a public notice stating the length of the by-pass and information on the goal of the process. Also inform the public of the nature of the water in the system, that while it is technically safe to drink, it will not be treated for secondary contaminants during this bypass period.
- Removal of the remaining media inside the filter via use of vac truck. Disposal of the removed sludge and sediment will be at either the City WWTP or at a location designated by the city.
- Interior of the filter will be cleaned and inspected for any issues that were not visible.
- Supply and replace the filter air wash grid and underdrain nozzles.

June 29, 2021

Mayor Cleveland Hatch  
Page Two

- Install new media in the layers originally designed for the filter as follows:
  - 12" layer of support gravel
    - 3" layer of  $\frac{3}{4}$  x  $\frac{1}{2}$  gravel
    - 3" layer of  $\frac{1}{2}$  x  $\frac{1}{4}$  gravel
    - 3" layer of  $\frac{1}{4}$  x  $\frac{1}{8}$  gravel
    - 3" layer of 0.80 – 1.2 mm Torpedo sand
  - 15" layer of Ironman Sand
  - 15" layer of Ironman Anthracite
- Installation will be supervised by a certified service technician to ensure proper placement of the media and will restart the filter and reset all the backwash sequences and flowrates to those specified by the manufacturer.

We obtained two prices for the proposed work, one was from the original manufacturer and the second was from a local supplier and contractor. The price from the two sources were within \$300 of each other. Since the cost having the work done by the original plant manufacturer was no more expensive than a local contractor, we are recommending that the city go with the original manufacturer. The cost of the rehabilitation from them is \$47,700. This includes all required materials, labor, and equipment. A copy of the proposal from the manufacturer is attached to this letter. The proposal states that 90% of the fee will be due upon shipment of the materials with the remaining 10% due at the time of the service.

It should be noted that if the existing media material has become calcified and cannot be removed with a vac truck, there will be extra labor charges involved if the material must be removed by hand. We will not be able to determine this until the filter is taken offline, drained and access to the interior is obtained. City personnel will be required to assist in taking the filter offline and by passing the filter by using the existing yard piping and valves. The city will also be responsible for making a location available for placement of the spent materials removed from the filter.

The entire rehab process will take 3 to 5 days including the time to disinfect the filter and make clean water potable water.

#### Timing and schedule of services

The proposal from the manufacturer stated that it would take 8 to 9 weeks from the date of order till delivery of materials. We have explained the situation to them, and they are working to expedite a crew and delivery of materials. We are awaiting a reply from them on the exact schedule at the time of the writing of this letter. We do expect them to come back with an expedited schedule.

#### Engineering Services and Project Oversight

As we discussed at our original meeting with you, we did not know that extent of the issues involved so we were not able to give you a firm commitment of engineering costs. Now that we have investigated the issue and have become knowledgeable of the issue, we can now set a budget for our services. Following is a list of the services that we are to provide for the project:



June 29, 2021

Mayor Cleveland Hatch

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- Preliminary analysis of the issue including site visits, development of a scope of work for the rehab of the filter, obtain pricing for the work and coordinate with the Arkansas Department of Health on the acceptance of the means and methods of the proposed rehab process. **(This work has already been completed.)**
- Coordinate with City of issuance of contract with the company conducting the rehab work.
- Coordinate and liaison with Health Department on formal submittals of the contractor, the methods for the process and the materials to be used in the rehab process.
- Assist with public notification for the rehab work.
- Scheduling of all parties involved with the project, including the contractor and the Health Department.
- On-site observation and oversight for the duration of the repair work by qualified experienced personnel. (3 days estimated.)

The total proposed budget for the engineering, construction observation and oversight for the proposed project is \$9,500.00. The amount will be billed at milestone events along the way such as completion of preliminary work, construction phase and final start up of the facility. A letter of engagement is attached to this letter for the City to execute for formal engagement of our firm. As stated above, the budget is based on the scope of work stated above and the time periods listed. This is a do not exceed contract and we will not invoice beyond this amount without prior approval by the City.

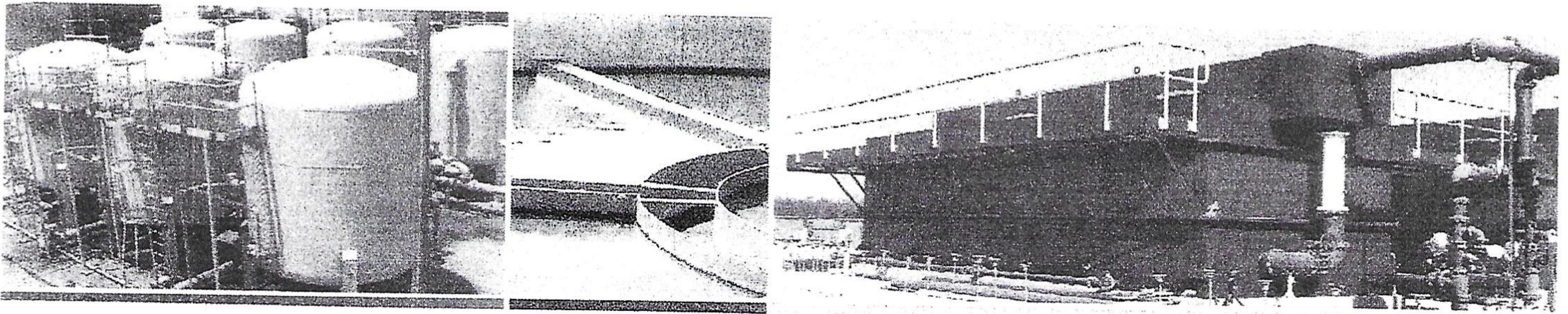
We hope that the city will find favor in these proposals. We have worked diligently to find the issue that the plaguing the city water system and we look forward to continuing to work with the city to solve the issue and bring the water system back to pristine condition. If you have any questions or comments, please do not hesitate to contact us.

Sincerely,

LANDMARK ENGINEERING

A handwritten signature in blue ink, appearing to read 'James Dreher', written over the company name.

James Dreher  
Staff Engineer



**Quotation**

Humphrey, AR  
Filter Refurbishment  
Original job #00195

**Addressee:** Cleveland Hatch


**Quotation #:** KATW060321-1-JWE

**Quotation Date:** 6/3/21

**Kurita America Contact:**

Jeff Emerson  
6600 94 Ave North  
Minneapolis, MN 55445  
USA  
1-800-530-1887  
j.emerson@kurita-water.com

**FREMONT**

 **U.S. WATER**  
future

 **TONKAWATER**



## ABOUT KURITA AMERICA

Kurita America is a designer and manufacturer with 70 years of experience in providing customized water and wastewater systems to municipal and industrial customers with more than 2300 installations. Engineering cost-effective solutions for the most challenging surface water and ground water problems.

### Key packaged solutions

- Clarification
- Membrane systems
- Filtration
- Ion Exchange
- Metals removal
- Kurita America Aftermarket Service and Sales is continually offering new products and services to extend equipment life, reduce water and energy usage, and replace end of life equipment.
- Refurbishments
- Turn-key services matching original specifications
- Simul-Wash™ – simultaneous air & water backwash system
- BLEU™ –low profile SS dual underdrain
- Uni-Cast™ Underdrain – pour in place
- Media Replacement and Analysis
- Turn-key removal and installation
- Inventoried anthracite, Sand, garnet, gravel, and greensand
- Parts
- Full line of OEM parts
- Chemical feed equipment
- Valves and valve rebuild parts
- Automation and Controls
- Factory remote support and monitoring
- SCADA compliant and control
- Allen Bradley control upgrades, PLC & HMI, and obsolete replacement
- Compliance reporting and trending
- Custom functional modification for ease of use like screens, tablets, PCs
- Security – firmware, smart switch

### • Service packages and parts

- Filter media replacement
- Original equipment manufacturer parts
- Full array of water related parts
- Troubleshooting
- Upgrades and refurbishment
- Site-based services
- Underdrain nozzles and replacement
- System enhancements
- Design-Build-Operate-Maintain solutions for industrial water/wastewater facilities
- Disinfection services and media treatment services
- Meets AWWA and NSF standards
- Stocked sealing and control components
- Aerator packing materials



## Scope of Work

Kurita America has been requested to provide a quotation to provide the necessary internal components and labor associated to refurbish the original Dualator 6 filter installed in 2003.

Project timeline is to have the material shipped in 8-9 weeks after the receipt of purchase.

## Key benefits of Kurita America for the Project

- Kurita America provided the original equipment and has the expertise to make key recommendations.
- Field Service Technicians with extensive equipment knowledge for start-up after repair.
- Certified contractors to perform removal and install of Kurita America equipment.
- Plant operation will run according to Kurita America Engineering design.

## Products Provided

### Filter Media

- Kurita America is to provide new filter media. Media is to consist of exact replacement of the previously approved and installed filter media in accordance with AWWA B100-2016 specifications for filter material.
- 12" layer of support gravel
  - 3" layer of  $\frac{3}{4}$  x  $\frac{1}{2}$  gravel
  - 3" layer of  $\frac{1}{2}$  x  $\frac{1}{4}$  gravel
  - 3" layer of  $\frac{1}{4}$  x  $\frac{1}{8}$  gravel
  - 3" layer of 0.80 -1.2 mm Torpedo sand
- 15" layer of 0.35 -0.45 mm ironman sand
- 15" layer of 0.60 -0.80 mm ironman Anthracite
- All materials are to be shipped in one or half cubic foot bags and palletized.
- 120 Underdrain Nozzles
- 5 Manway gaskets.
- Freight to the jobsite is included.
-



### Airwash Grids

- Kurita America is to provide new PVC airwash grids for all four of the existing filter cells. Kurita America is to provide our proprietary airwash grid as a direct replacement of the existing airwash grid.
- Freight to the jobsite is included.

### Removal and Installation Services

- Kurita America is to provide a high velocity high vacuum industrial vacuum truck operation for the removal of existing filter media from the Dualtor 6 vessel. Once collected in the vacuum truck, the media will be taken to a designated area onsite assigned by the City of Humphrey and disposed of.
- Kurita America offers an entire crew for the removal of the existing damaged media and the installation of the new media and graded gravels into the Dualator 6 vessel.
- Filter media will be installed in strict accordance with AWWA B100-2016 specifications for filtering material. All personnel involved in media installation are qualified under the confined space entry program. All personnel have received specified training according to OSHA25-SCFR 1910.120 including, but not limited to, confined space entry and rescue, fall arrest and lockout/tag out procedures and other specified training. Before entry into any confined space, the air will be monitored for appropriate oxygen and LEL levels. Upon completion of an air test, confined space entry permits will be filled out by the supervisor and posted near the entry point. An individual will be present at all times at the entry point.
- **Please note: If media has become solidified and/or calcified and cannot be lifted by a high velocity vacuum truck, additional labor and charges will apply.**

### Start-up Services

Kurita America's Service technician to be onsite for three days to apply ironman treatment to media and to ensure filter backwash sequence and flow rates are within specification. Additional inspection and training as time allows.



### Pricing

<b>Pricing Table</b>	
Gravels, Media, nozzles, gasket, freight	
Removal and installation services	
Kurita America Service Technician – start-up service	
<b>TOTAL (USD)</b>	<b>\$47,700.00</b>

Pricing is good for 90 days

Kurita bases this proposal on the invoice schedule as shown below:

90% Upon Shipment of Materials

10% Upon Services

Delivery:

1. Shipment of equipment will be made in approximately 8-9 weeks after receipt of Purchase Order.

The attached **CONDITIONS OF SALE AND WARRANTIES** that are incorporated herein.  
For your convenience, this sheet may be used as your order for this equipment.

Items Ordered	_____
P.O. Number	_____
Total Net Price	_____
Firm Name and Address	_____
By (Print)	_____
Signature	_____
Date	_____

Kurita America Inc.
Purchase orders should be addressed to: Kurita America Inc. 6600 94 <sup>th</sup> Ave North Minneapolis, MN 55445





**We do not include the following:**

1. Mechanical or electrical installation.
2. Unloading or rigging. The contractor must provide a suitable access to the jobsite.
3. On-site storage or protection of equipment.
4. Pipe, valves, or fittings other than those specifically described herein.
5. Pipe supports or hangers.
6. Motor starters, motor controls, disconnects, or any other electrical equipment other than those specifically described herein.
7. Electrical wiring or conduit.
8. Chemical feed tubing, conduit piping, hangers or supports.
9. Pumps or pumping equipment other than those specifically described herein.
10. Concrete, concrete grout or rebar.
11. Disinfection or disinfection / start-up chemicals.
12. Lubricants
13. Pneumatic tubing or conduit.
14. Control panel wall mounting material or hardware.
15. Anchor bolts or anchoring calculations, unless specifically described herein.
16. Any items not specifically described in this proposal.
17. Seismic design considerations of equipment unless otherwise noted.

**Notes:**

Equipment is quoted f.o.b. factory with full freight allowed to the jobsite.  
Our proposal does not include any sales or use taxes.

Travel expenses included.

When ordering please include a signed copy of your Sales Tax Exemption certificate.

City to provide a forklift during media installation.

City to disinfect filter prior to start-up service – procedure provided by Kurita America.

City to provide a dumpster for pallets and bag removal.

The attached Kurita America standard Terms and Conditions are incorporated by reference into this quotation, will be a part of any binding agreement between you and Kurita America and cannot be modified by you whether by the terms of your purchase order or otherwise, except to the extent expressly accepted by Kurita America in writing. You agree to abide by the terms of Section 1 ("General"), Section 3 ("Quotations") and Section 17 ("Confidential Information") of the Kurita America standard terms and conditions with respect to the information contained in this quotation and any other information provided to you by Kurita America, regardless of whether you submit an order or whether you and Kurita America enter into a binding agreement regarding the purchase of the products described herein.

Please note that a copy of the contractor's payment and performance bond is required to be forwarded to us as a part of normal credit approval procedures.

Kurita America requires partial payments based on shipped material and purchaser's account being current prior to scheduling a field technician for equipment start-up.

Kurita America will provide field services as outlined above in this quotation. Kurita America's field service rate is \$1200.00 per day plus travel and per diem expenses. If Kurita America's field service personnel arrive on-site after a schedule is established and the project is not ready for the intended services to be performed, Kurita America will invoice for additional days, if required. If the time required is greater than listed in this quotation, Kurita America will invoice purchaser at the above field service rate plus travel and per diem expenses.

State of Arkansas  
County of Jefferson  
Quorum Court

APPROPRIATION ORDINANCE NO. 2021-\_\_\_\_\_

AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER AND APPROPRIATION OF FUNDS WITHIN FUND 1000 COUNTY GENERAL.

BE IT ENACTED THE QUORUM COURT OF THE COUNTY OF JEFFERSON, STATE OF ARKANSAS.

Article I. The County Judge is authorized to transfer and appropriate funds for \$20,500.00 from 1000 County General to 1000-801-3100 Cooperative Extention as detailed in the attachment hereto.

Article II. The County Judge is authorized to transfer and appropriate funds for \$2,000.00 from 1000-100-4002 County Buildings to 1000-100-3022 Couty Judge Cell Phones and Pagers.

Article III. The County Judge is authorized to transfer and appropriate funds for \$427.14 from 1000-108-3100 County Building and Grounds to 1000-108-3023 County Buildings Internet Connection.

Article IV. The County Judge is now authorized to approve the appropriation distribution as outlined in Articles I, II, and III.

Article V. This Appropriation Ordinance shall be in full force and effect from and after its passage and approval.



AN APPROPRIATION ORDINANCE TO PROVIDE A TRANSFER  
AND APPROPRIATION OF FUNDS WITHIN FUND 1000 COUNTY GENERAL.

BY:

APPROVED BY:

\_\_\_\_\_  
Jimmy Fisher  
JUSTICE OF THE PEACE  
JEFFERSON COUNTY, ARKANSAS

\_\_\_\_\_  
TERRY WYNNE  
COUNTY ATTORNEY  
JEFFERSON COUNTY, ARKANSAS

APPROVED:

ATTEST:

\_\_\_\_\_  
GERALD ROBINSON  
JEFFERSON COUNTY JUDGE  
JEFFERSON COUNTY, ARKANSAS

\_\_\_\_\_  
SHAWNDRAG TAGGART  
JEFFERSON COUNTY CLERK  
JEFFERSON COUNTY, ARKANSAS

Date \_\_\_\_\_

Date \_\_\_\_\_

Attachment – 1 page

**STATE OF ARKANSAS**

*Office of the County Judge*

**JEFFERSON COUNTY**



*Gerald Robinson*

**Jefferson County Judge**

101 WEST BARRAQUE, SUITE 107

PINE BLUFF, ARKANSAS 71601

PHONE: (870) 541-5360

FAX: (870) 536-2977

WEBSITE: WWW.JEFFERSONCOUNTYAR.GOV

**TO:** Jefferson County Quorum Court  
**FROM:** Gerald Robinson, County Judge  
**DATE:** June 21, 2021  
**RE:** Transfer & Appropriation Request for County Cooperative Extension  
County Judge & County Buildings & Grounds Funds

1. Please transfer and appropriate \$20,500.00 from County General (1000) to County Cooperative Extension Other Miscellaneous (1000-801-3100).
2. Please transfer and appropriate \$2,000.00 from County Judge Buildings (1000-100-4002) to County Judge Cell Phones & Pagers (1000-100-3022).
3. Please transfer and appropriate \$427.14 from County Buildings & Grounds Other Miscellaneous (1000-108-3100) to County Buildings Internet Connection (1000-108-3023).

If additional information is needed please contact my Chief of Staff, Pamela Jenkins, via email ([pamelajenkins@jeffersoncountyar.gov](mailto:pamelajenkins@jeffersoncountyar.gov)) or at 870.541.5360. Thanks in advance for your cooperation.

**PAMELA JENKINS**  
CHIEF OF STAFF

**THADDEUS HANDLEY**  
LEGISLATIVE OFFICER

**HANK WILKINS, V**  
INVENTORY/ACCOUNTS  
MANAGER

**DELANCIA TATUM**  
ADMINISTRATIVE SECRETARY