

City of Fayetteville Staff Review Form

2022-0972

Legistar File ID

11/1/2022

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

10/11/2022

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends approval of the purchase of electrical conduit, wire, and fittings for the Biosolids Management Site from Graybar Electric Company, Inc. in the amount of \$42,911.15 plus applicable taxes and freight charges pursuant to an OMNIA Partners Cooperative Purchasing Contract.

Budget Impact:

| | |
|--|---|
| 5400.730.5800-5400.00 | Water and Sewer |
| Account Number | Fund |
| 02032.1 | WWTP Building Improvements |
| Project Number | Project Title |
| Budgeted Item? <u>Yes</u> | Current Budget \$ 4,836,028.00 |
| | Funds Obligated \$ 2,118,131.76 |
| | Current Balance \$ 2,717,896.24 |
| Does item have a cost? <u>Yes</u> | Item Cost \$ 47,094.99 |
| Budget Adjustment Attached? <u>No</u> | Budget Adjustment \$ - |
| | Remaining Budget \$ 2,670,801.25 |

V20210527

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$4,183.84 for an estimated total of \$47,094.99. Freight is included within the quoted price.



MEETING OF NOVEMBER 1, 2022

TO: Mayor and City Council

THRU: Susan Norton, Chief of Staff
Water & Sewer Committee

FROM: Tim Nyander, Utilities Director

DATE: October 11, 2022

SUBJECT: **Graybar Electric Company – Electrical Conduit, Wire, and Fittings for the Thermal Dryer Building at the Biosolids Management Site**

RECOMMENDATION:

Staff recommends approval of the purchase of electrical conduit, wire, and fittings for the Biosolids Management Site from Graybar Electric Company, Inc. in the amount of \$42,911.15 plus applicable taxes and freight charges pursuant to an OMNIA Partners Cooperative Purchasing Contract.

BACKGROUND:

In December of 2021, the thermal dryer at the Biosolids Management Site (BMS) failed. The City approved an agreement with Griffin Residuals, LLC at the August 16, 2022 City Council meeting that included a Drying-as-a-Service agreement allowing Griffin Residuals to dry biosolids at the BMS. Electrical improvements are needed at the thermal dryer building before Griffin Residuals can install their equipment and begin drying the City's biosolids.

DISCUSSION:

Graybar Electric Company submitted a quote in the amount of \$42,911.15 for all of the necessary electrical conduit, wire, and fittings to prepare the building for installing some electrical components already purchased.

The pricing on the Graybar quote is through OMNIA Partners cooperative purchasing program, Master Agreement #EV2370. Staff recommends approving the purchase of the conduit, wire, and fittings to prepare the thermal dryer building for the installation of the new dryer. Taxes are estimated at \$4,183.84 for an estimated total of \$47,094.99. Freight is included within the quoted price.

BUDGET/STAFF IMPACT:

Funds are available in the WWTP Building Improvements account.

Attachments:

Quote from Graybar Electric Company

516A EAST ROBINSON
 SPRINGDALE AR 72764-7132
 Phone: 479-725-4900
 Fax: 479-872-6680

To: CITY OF FAYETTEVILLE
 113 WEST MOUNTAIN
 FAYETTEVILLE AR 72701
 Attn: Shea Fankhouser
 Phone: 479-521-7700
 Email:
 Fax: 479-575-8250

Date: 09/16/2022
Project Name: BMS SOLAR HOUSE OUTSIDE
GB Quote #: 0241634755
 Purchase Order Nbr:
 Release Nbr:
 Additional Ref#:
 Revision Nbr:
 Valid From: 09/16/2022
 Valid To: 11/10/2022
 Contact: JORDAN THOMPSON
 Email: jordan.thompson@graybar.com

Proposal

We appreciate your request and take pleasure in responding as follows

Notes:

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|------|----------|----------|----------|-------------|--------------------|------------|------|-----------|
| 100 | | 30 | CONDUIT | 4-GALV | 4-RIGID CONDUIT | \$2,288.22 | 100 | \$686.47 |

GB Part#:88272907

Long Description:4 in. galvanized rigid steel conduit, length 10 ft. conduit has excellent corrosion resistance with high strength ductile steel for long life and easy bending. Smooth, continuous raceways for fast wire-pulling., weight 1030 lb. per 100 ft.

| | | | | | | | | |
|-----|--|---|------------|------|--------------------------|-------------|-----|----------|
| 200 | | 3 | BRIDGEPORT | 1210 | 4 IN SERVICE ENTR CAP | \$17,937.30 | 100 | \$538.12 |
|-----|--|---|------------|------|--------------------------|-------------|-----|----------|



GB Part#:88031231

Long Description:Entrance Cap, Threaded, Aluminum, Size 4 Inch

| | | | | | | | | |
|-----|--|---|-------------------|---------|-------------------------------------|------------|-----|----------|
| 300 | | 3 | ABB ELECTRICAL | H400-TB | TC H400TB 4IN CONDUIT FITTING | \$7,348.83 | 100 | \$220.46 |
|-----|--|---|-------------------|---------|-------------------------------------|------------|-----|----------|

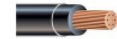


GB Part#:92125725

[MFR SPEC SHEET](#)

Long Description:Hub connector connects 4 inch rigid or IMC conduit to a threadless opening in a box or an enclosure. Connector is zinc with a thermoplastic insulated throat and a nitrile sealing ring. Connector is UL listed and CSA certified.

| | | | | | | | | |
|-----|--|-----|------|---------------------------------|--|-------------|------|------------|
| 400 | | 480 | WIRE | THHN-600MCM- BLK-CUT REEL | THHN/THWN-2 61 STR 600V 90DEG CU | \$13,555.74 | 1000 | \$6,506.76 |
|-----|--|-----|------|---------------------------------|--|-------------|------|------------|



GB Part#:22061549

[MFR SPEC SHEET](#)

Long Description:THHN building wire has a 600 MCM stranded copper conductor. Building wire is black and packaged in a cut reel.

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

To: CITY OF FAYETTEVILLE
 113 WEST MOUNTAIN
 FAYETTEVILLE AR 72701
 Attn: Shea Fankhouser

Date: 09/16/2022
 Project Name: BMS SOLAR HOUSE OUTSIDE
 GB Quote #: 0241634755

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|------|----------|----------|----------|----------------------------------|--|------------|------|-----------|
| 500 | | 120 | WIRE | THHN-3/0-STR -GRN-CUT REEL | THHN/THWN-2 19 STR 600V 90DEG CU | \$3,726.26 | 1000 | \$447.15 |



GB Part#:22061514

[MFR SPEC SHEET](#)

Long Description:THHN building wire has a 3/0 AWG stranded copper conductor. Building wire is green and packaged in a cut reel.

| | | | | | | | | |
|-----|--|---|------------|--------|---|---------|---|---------|
| 600 | | 1 | ERICO PROD | 613400 | GR RODPTDCU-BOND NOM 3/4INX10FT10M IL | \$48.09 | 1 | \$48.09 |
|-----|--|---|------------|--------|---|---------|---|---------|



GB Part#:94035119

[MFR SPEC SHEET](#)

Long Description:Eritech® pointed copper-bonded ground rod, 10 mil thickness, 10 ft. x 3/4 in. Rods have a high carbon steel core and tip that provide superior strength when driving.

| | | | | | | | | |
|-----|--|----|----------------------|--------------|--|------------|-----|----------|
| 700 | | 60 | COOPER B-LINE SYS | B22SH-120SS4 | CHNL 1 5/8X1 5/8 9/16X7/8 SH 12GA 120IN | \$1,454.55 | 100 | \$872.73 |
|-----|--|----|----------------------|--------------|--|------------|-----|----------|



GB Part#:90073820

[MFR SPEC SHEET](#)

Long Description:B22SH Series stainless steel 304 12 ga. steel 1-5/8 x 1-5/8 in. channel with 9/16 x 1-1/8 in. elongated holes on 2 in. centers, length 10 ft.

| | | | | | | | | |
|-----|--|---|----------------------|----------|---|------------|-----|---------|
| 800 | | 6 | COOPER B-LINE SYS | B2017SS4 | O.D. PIPE AND CONDUIT CLAMP 4 1/2-IN. O | \$1,257.59 | 100 | \$75.46 |
|-----|--|---|----------------------|----------|---|------------|-----|---------|



GB Part#:96004830

[MFR SPEC SHEET](#)

Long Description:4-in. - rigid conduit clamp, 4-in., stainless steel 304 Designed to provide support without drilling or welding. For use with B-Line channels.

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.






This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubfs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf

To: CITY OF FAYETTEVILLE
 113 WEST MOUNTAIN
 FAYETTEVILLE AR 72701
 Attn: Shea Fankhouser

Date: 09/16/2022
 Project Name: **BMS SOLAR HOUSE OUTSIDE**
 GB Quote #: **0241634755**

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|---|----------|----------|----------------------|----------------------------------|--|-------------|------|------------|
| 900 | | 200 | WIRE | THHN-500MCM- BLK-CUT REEL | THHN/THWN-2 37 STR 600V 90DEG CU | \$10,878.56 | 1000 | \$2,175.71 |
|  <p>GB Part#:22080895 MFR SPEC SHEET Long Description:THHN building wire has a 500 MCM stranded copper conductor. Building wire is black and packaged in a cut reel.</p> | | | | | | | | |
| 1000 | | 50 | WIRE | THHN-3/0-STR -GRN-CUT REEL | THHN/THWN-2 19 STR 600V 90DEG CU | \$3,726.26 | 1000 | \$186.31 |
|  <p>GB Part#:22061514 MFR SPEC SHEET Long Description:THHN building wire has a 3/0 AWG stranded copper conductor. Building wire is green and packaged in a cut reel.</p> | | | | | | | | |
| 1100 | | 40 | COOPER B-LINE SYS | B22SH-120SS4 | CHNL 1 5/8X1 5/8 9/16X7/8 SH 12GA 120IN | \$1,454.55 | 100 | \$581.82 |
|  <p>GB Part#:90073820 MFR SPEC SHEET Long Description:B22SH Series stainless steel 304 12 ga. steel 1-5/8 x 1-5/8 in. channel with 9/16 x 1-1/8 in. elongated holes on 2 in. centers, length 10 ft.</p> | | | | | | | | |
| 1200 | | 300 | WIRE | THHN-500MCM- BLK-CUT REEL | THHN/THWN-2 37 STR 600V 90DEG CU | \$10,878.56 | 1000 | \$3,263.57 |
|  <p>GB Part#:22080895 MFR SPEC SHEET Long Description:THHN building wire has a 500 MCM stranded copper conductor. Building wire is black and packaged in a cut reel.</p> | | | | | | | | |
| 1300 | | 75 | WIRE | THHN-3/0-STR -GRN-CUT REEL | THHN/THWN-2 19 STR 600V 90DEG CU | \$3,726.26 | 1000 | \$279.47 |
|  <p>GB Part#:22061514 MFR SPEC SHEET Long Description:THHN building wire has a 3/0 AWG stranded copper conductor. Building wire is green and packaged in a cut reel.</p> | | | | | | | | |

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.



This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubfs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf

To: CITY OF FAYETTEVILLE
 113 WEST MOUNTAIN
 FAYETTEVILLE AR 72701
 Attn: Shea Fankhouser

Date: 09/16/2022
 Project Name: BMS SOLAR HOUSE OUTSIDE
 GB Quote #: 0241634755

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|--|----------|----------|--------------------|---------------------------------|--|-------------|------|-------------|
| 1400 | | 400 | ALLIED TUBE & COND | 911405 | | \$1,343.64 | 100 | \$5,374.56 |
| GB Part#: NOF ATU CONDMTALIC ***Item Note: *** * 3 1/2" Aluminum Rigid Conduit | | | | | | | | |
| ----- | | | | | | | | |
| 1500 | | 4 | ALLIED TUBE & COND | 732348 | | \$16,244.53 | 100 | \$649.78 |
| GB Part#: NOF ATU CONDMTALIC ***Item Note: *** * 3 1/2" Aluminum CPLG | | | | | | | | |
| ----- | | | | | | | | |
| 1600 | | 8 | ALLIED TUBE & COND | 732331 | | \$3,491.84 | 100 | \$279.35 |
| GB Part#: NOF ATU CONDMTALIC ***Item Note: *** * 3 1/2" 90 ELB | | | | | | | | |
| ----- | | | | | | | | |
|  | | 8 | BRIDGEPORT | 159-DC | 3 1/2 IN THREADED HUB | \$5,893.96 | 100 | \$471.52 |
| GB Part#: 88031355 MFR SPEC SHEET Long Description: Threaded Hub, Zinc Die Cast, Size 3 1/2 Inch | | | | | | | | |
| ----- | | | | | | | | |
|  | | 1200 | WIRE | THHN-500MCM- BLK-CUT REEL | THHN/THWN-2 37 STR 600V 90DEG CU | \$10,878.56 | 1000 | \$13,054.27 |
| GB Part#: 22080895 MFR SPEC SHEET Long Description: THHN building wire has a 500 MCM stranded copper conductor. Building wire is black and packaged in a cut reel. | | | | | | | | |
| ----- | | | | | | | | |

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.





This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubfs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf

To: CITY OF FAYETTEVILLE
 113 WEST MOUNTAIN
 FAYETTEVILLE AR 72701
 Attn: Shea Fankhouser

Date: 09/16/2022
 Project Name: BMS SOLAR HOUSE OUTSIDE
 GB Quote #: 0241634755

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|--|----------|----------|----------------------|----------------------------------|--|------------|------|------------|
| 1900 | | 400 | WIRE | THHN-3/0-STR -GRN-CUT REEL | THHN/THWN-2 19 STR 600V 90DEG CU | \$3,726.26 | 1000 | \$1,490.50 |
|  <p>GB Part#:22061514 MFR SPEC SHEET Long Description:THHN building wire has a 3/0 AWG stranded copper conductor. Building wire is green and packaged in a cut reel.</p> | | | | | | | | |
| 2000 | | 1 | HAMMOND MFG | EN4SD483610S SR | | \$2,136.10 | 1 | \$2,136.10 |
| <p>GB Part#:NOF HAM ENCLIND ***Item Note:*** * Per Factory: EN4SD483610SSR normal estimated lead time is 6-7 weeks, but we will have some available estimate week of 10/10/22</p> | | | | | | | | |
| 2100 | | 1 | HAMMOND MFG | EP4836 | PANEL F/48X36 ENCL | \$184.11 | 1 | \$184.11 |
|  <p>GB Part#:97179285 Long Description:Enclosure Panel, Inner Panel, Steel, 48 x 36 inches Eclipse Series Enclosures, 46.2 in, 34.2 in, 12 Gauge Steel Construction</p> | | | | | | | | |
| 2200 | | 200 | COOPER B-LINE SYS | B22SH-120SS4 | CHNL 1 5/8X1 5/8 9/16X7/8 SH 12GA 120IN | \$1,454.55 | 100 | \$2,909.10 |
|  <p>GB Part#:90073820 MFR SPEC SHEET Long Description:B22SH Series stainless steel 304 12 ga. steel 1-5/8 x 1-5/8 in. channel with 9/16 x 1-1/8 in. elongated holes on 2 in. centers, length 10 ft.</p> | | | | | | | | |
| 2300 | | 40 | COOPER B-LINE SYS | B2016SS4 | PIPE AND CONDUIT CLAMP RIGID 3 1/2-IN. | \$1,199.34 | 100 | \$479.74 |
|  <p>GB Part#:96004829 MFR SPEC SHEET Long Description:3 1/2-in. - rigid conduit clamp, 3 1/2-in., stainless steel 304 Designed to provide support without drilling or welding. For use with B-Line channels.</p> | | | | | | | | |

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

To: CITY OF FAYETTEVILLE
113 WEST MOUNTAIN
FAYETTEVILLE AR 72701
Attn: Shea Fankhouser

Date: 09/16/2022
Project Name: BMS SOLAR HOUSE OUTSIDE
GB Quote #: 0241634755

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|------|----------|----------|----------|-------------|-------------|-------|------|-----------|
|------|----------|----------|----------|-------------|-------------|-------|------|-----------|

Total in USD (Tax not included): \$42,911.15

F O B:
Delivery:

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubfs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf

To: CITY OF FAYETTEVILLE
113 WEST MOUNTAIN
FAYETTEVILLE AR 72701
Attn: Shea Fankhouser

Date: 09/16/2022
Project Name: **BMS SOLAR HOUSE OUTSIDE**
GB Quote #: **0241634755**

Proposal

We appreciate your request and take pleasure in responding as follows

| Item | ItemType | Quantity | Supplier | Catalog Nbr | Description | Price | Unit | Ext.Price |
|------|----------|----------|----------|-------------|-------------|-------|------|-----------|
|------|----------|----------|----------|-------------|-------------|-------|------|-----------|
