

**STARKVILLE UTILITIES  
WATERWORKS DIVISION**

**FALL 2023 SOURCE OF SUPPLY SEMI-ANNUAL BID**

**BID PRICES VALID THROUGH JULY 1st- DECEMBER 31st, 2023**

**SECTION I: (MATERIALS)**

**Contact Person: David Bush**  
**Telephone Number: (662) 323-3133, ext. 1133**  
**Email: [dbush@starkvilleutilities.com](mailto:dbush@starkvilleutilities.com)**

**SPECIFICATIONS**

Where “APPROVED MANUFACTURERS/MODELS” are listed, bids will be accepted for those manufacturers and products only. Contact the Water Superintendent to have a product tested and qualified for possible inclusion in a future bid advertisement.

Where “EQUIVALENT” is mentioned, bids will be accepted for other manufacturer’s products which meet or exceed the listed products. The low bidder may be asked to submit manufacturer’s literature and samples if the City of Starkville has no prior experience with the product.

Where no equivalent is listed, the low bidder may be asked to submit manufacturer’s literature and samples if the City of Starkville has no prior experience with the product.

**Notice to bidders:** By submitting a bid, the bidder is indicating that they have a regularly scheduled weekly delivery route in the area of Starkville, MS and all prices bid shall be F.O.B. Starkville, MS. Bid prices shall be valid through December 31st, 2023.

**Basis of Award:** Where indicated, awards shall be by product group and shall be based on an average bid price for the product group based weighted by anticipated volume impact. Every item in a product group must be bid.

**Note:** All items shall be bid sales tax exempt and F.O.B. Starkville, MS

Bidder \_\_\_\_\_ Contact Person \_\_\_\_\_

Address \_\_\_\_\_ Contact Person Phone \_\_\_\_\_

**THIS PAGE AND THE FOLLOWING TALLY SHEETS MUST BE RETURNED WITH BID.**

**NOTE: PRODUCT GROUP UNIT PRICES MUST BE ENTERED IN THE EXCEL SPREADSHEET ACCOMPANYING THE BID INVITATION. RETURN PRINTED PAPER COPIES IN BID ENVELOPE.**

Tapping Saddles		Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price	
Saddle, Service	2" x 3/4" CC for Pex	FORD FS313W-213-CC3	5.00%		\$ -	
Saddle, Service	2" x 1" CC for Pex	FORD FS313W-213-CC3	5.00%		\$ -	
Saddle, Service	2" x 3/4" CC	Ford Style A, Hinged 2.38"	5.00%		\$ -	
Saddle, Service	2" x 1" CC	Ford Style A, Hinged 2.38"	2.00%		\$ -	
Saddle, Service	3" x 3/4" CC	Ford Style A, Hinged 3.50"	1.00%		\$ -	
Saddle, Service	3" x 1" CC	Ford Style A, Hinged 3.50"	1.00%		\$ -	
Saddle, Service	3" x 2" CC	Ford Style A, Hinged 3.50"	1.00%		\$ -	
Saddle, Service	4" x 3/4" CC	SB 317 or Ford FCD-202, 4.40"-4.80"	5.00%		\$ -	
Saddle, Service	4" x 1" CC	SB 317 or Ford FCD-202, 4.40"-4.80"	2.00%		\$ -	
Saddle, Service	4" x 2" FIPT	SB 317 or Ford FCD-202, 4.40"-4.80"	1.00%		\$ -	
Saddle, Service	6" x 3/4" CC	SB 317 5.94"-6.90" or Ford FCD-202 "6.63-6.90"	30.00%		\$ -	
Saddle, Service	6" x 1" CC	SB 317 5.94"-6.90" or Ford FCD-202 "6.63-6.90"	20.00%		\$ -	
Saddle, Service	6" x 2" FIPT	SB 317 5.94"-6.90" or Ford FCD-202 "6.63-6.90"	5.00%		\$ -	
Saddle, Service	8" x 3/4" CC	SB 317 8.54"-10.10" or Ford FCD-202 8.99"-9.79"	5.00%		\$ -	
Saddle, Service	8" x 1" CC	SB 317 8.54"-10.10" or Ford FCD-202 8.54"-10.10"	2.50%		\$ -	
Saddle, Service	8" x 2" FIPT	SB 317 8.54"-10.10" or Ford FCD-202 8.99"-9.79"	1.00%		\$ -	
Saddle, Service	10" x 3/4" CC	SB 317 10.64"-12.12" or Ford FCD-202 11.10"-12.12"	1.50%		\$ -	
Saddle, Service	10" x 1" CC	SB 317 10.64"-12.12" or Ford FCD-202 11.10"-12.12"	2.00%		\$ -	
Saddle, Service	10" x 2" FIPT	SB 317 10.64"-12.12" or Ford FCD-202 11.10"-12.12"	1.00%		\$ -	
Saddle, Service	12" x 3/4" CC	SB 317 12.62"-14.32" or Ford FCD-202 12.75" - 13.20"	2.00%		\$ -	
Saddle, Service	12" x 1" CC	SB 317 12.62"-14.32" or Ford FCD-202 12.75" - 13.20"	1.00%		\$ -	
Saddle, Service	12" x 2" FIPT	SB 317 12.62"-14.32" or Ford FCD-202 12.75" - 13.20"	1.00%		\$ -	
			Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

Tapping Sleeves		Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price	
Sleeve, Tapping	4" x 4" FL, All Stainless, including FL	SB 663 4.46"-4.86" or Ford FAST-480-4	5.00%		\$ -	
Sleeve, Tapping	6" x 4" FL, All Stainless, including FL	SB 663 6.59"-6.99" or Ford FAST-700-4	20.00%		\$ -	
Sleeve, Tapping	6" x 6" FL, All Stainless, including FL	SB 663 6.59"-6.99" or Ford FAST-700-6	35.00%		\$ -	
Sleeve, Tapping	8" x 4" FL, All Stainless, including FL	SB 663 8.62"-9.06" or Ford FAST-905-4	5.00%		\$ -	
Sleeve, Tapping	8" x 6" FL, All Stainless, including FL	SB 663 8.62"-9.06" or Ford FAST-905-6	5.00%		\$ -	
Sleeve, Tapping	8" x 8" FL, All Stainless, including FL	SB 663 8.62"-9.06" or Ford FAST-905-8	5.00%		\$ -	
Sleeve, Tapping	10" x 4" FL, All Stainless, including FL	SB 663 10.73"-11.13" or Ford FAST-1115-4	5.00%		\$ -	
Sleeve, Tapping	10" x 6" FL, All Stainless, including FL	SB 663 10.73"-11.13" or Ford FAST-1115-6	5.00%		\$ -	
Sleeve, Tapping	10" x 8" FL, All Stainless, including FL	SB 663 10.73"-11.13" or Ford FAST-1115-8	5.00%		\$ -	
Sleeve, Tapping	12" x 4" FL, All Stainless, including FL	SB 663 13.16"-13.56" or Ford FAST-1320-4	5.00%		\$ -	
Sleeve, Tapping	12" x 6" FL, All Stainless, including FL	SB 663 13.16"-13.56" or Ford FAST-1320-6	2.50%		\$ -	
Sleeve, Tapping	12" x 8" FL, All Stainless, including FL	SB 663 13.16"-13.56" or Ford FAST-1320-8	2.50%		\$ -	
			Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

Gate Valves	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Valve, Gate	2" Square Nut FIPT x FIPT	Domestic Only, AWWA C509 or C515	15.00%		\$ -
Valve, Gate	4" Square Nut MJ x FL	Domestic Only, AWWA C515	20.00%		\$ -
Valve, Gate	4" Square Nut MJ x MJ	Domestic Only, AWWA C515	10.00%		\$ -
Valve, Gate	6" Square Nut MJ x FL	Domestic Only, AWWA C515	25.00%		\$ -
Valve, Gate	6" Square Nut MJ x MJ	Domestic Only, AWWA C515	15.00%		\$ -
Valve, Gate	8" Square Nut MJ x FL	Domestic Only, AWWA C515	2.50%		\$ -
Valve, Gate	8" Square Nut MJ x MJ	Domestic Only, AWWA C515	2.50%		\$ -
Valve, Gate	10" Square Nut MJ x FL	Domestic Only, AWWA C515	2.50%		\$ -
Valve, Gate	10" Square Nut MJ x MJ	Domestic Only, AWWA C515	2.50%		\$ -
Valve, Gate	12" Square Nut MJ x FL	Domestic Only, AWWA C515	2.50%		\$ -
Valve, Gate	12" Square Nut MJ x MJ	Domestic Only, AWWA C515	2.50%		\$ -
			Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg = \$ -

<b>Couplings, Water</b>					
	<b>Submitted By:</b>	Enter Unit Price Bids in Column (B)	<b>(A)</b>	<b>(B)</b>	<b>(A x B)</b>
<b>Category:</b>	<b>Description:</b>	<b>Approved Mfg/Model:</b>	<b>Volume Factor</b>	<b>Unit Price Bid, FOB Starkville</b>	<b>Volume Weighted Unit Price</b>
Coupling, Steel	1/2" Coupling	Smith Blair 411 or Ford FC3 .084" DIA	5.00%		\$ -
Coupling, Steel	3/4" Coupling	Smith Blair 411 or Ford FC3 1.05" DIA	25.00%		\$ -
Coupling, Steel	1" Coupling	Smith Blair 411 or Ford FC3, 1.32" DIA	5.00%		\$ -
Coupling, Steel	1-1/4" Coupling	Smith Blair 411 or Ford FC3, 1.66" DIA	5.00%		\$ -
Coupling, Steel	1-1/2" Coupling	Smith Blair 411 or Ford FC3 1.90" DIA	25.00%		\$ -
Coupling, Steel	2" Coupling	Smith Blair 411 or Ford FC3 2.38" DIA	5.00%		\$ -
Coupling, Steel	3" Coupling	Smith Blair 411 or Ford FC3 3.50" DIA	5.00%		\$ -
Coupling, Wide Range	4" Coupling	Krausz Hymax, 4.25" - 5.63" or Ford FC2W 3.96"-5.60	5.00%		\$ -
Coupling, Wide Range	6" Coupling	Krausz Hymax, 6.42" - 7.68" or Ford FC2W 6.23"-7.60"	5.00%		\$ -
Coupling, Steel	8" Coupling	Smith Blair 411 or Ford FC3 9.05" DIA	5.00%		\$ -
Coupling, Steel	10" Coupling	Smith Blair 411 or Ford FC3 11.10" DIA	5.00%		\$ -
Coupling, Steel	12" Coupling	Smith Blair 411 or Ford FC3 13.20" DIA	5.00%		\$ -
<b><u>Must have stainless steel hardware equipped.</u></b>		<b>Basis of Product Group Award is Sum of (AxB)</b>	100.00%	Wt'd Avg =	\$ -

Repair Clamps	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Clamp, Repair	1/2" x 3" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	1/2" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	3/4" x 3" Repair Clamp	SB 247 or Ford FLSC	10.00%		\$ -
Clamp, Repair	3/4" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	1" x 3" Repair Clamp	SB 247 or Ford FLSC	10.00%		\$ -
Clamp, Repair	1" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	1-1/4" x 3" Repair Clamp	SB 247 or Ford FLSC	10.00%		\$ -
Clamp, Repair	1-1/4" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	1-1/2" x 3" Repair Clamp	SB 247 or Ford FLSC	10.00%		\$ -
Clamp, Repair	1-1/2" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	2" x 3" Repair Clamp	SB 247 or Ford FLSC	10.00%		\$ -
Clamp, Repair	2" x 6" Repair Clamp	SB 247 or Ford FLSC	1.00%		\$ -
Clamp, Repair	2" x 7-1/2" Repair Clamp	SB 261 or Ford FS1	10.00%		\$ -
Clamp, Repair	3" x 7-1/2" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	3" x 15" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	4" x 7-1/2" Repair Clamp	SB 261 or Ford FS1	5.00%		\$ -
Clamp, Repair	4" x 15" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	6" x 10" Repair Clamp	SB 261 or Ford FS1	5.00%		\$ -
Clamp, Repair	6" x 20" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	8" x 12-1/2" Repair Clamp	SB 261 or Ford FS1	5.00%		\$ -
Clamp, Repair	8" x 25" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	10" x 12-1/2" Repair Clamp	SB 261 or Ford FS1	5.00%		\$ -
Clamp, Repair	10" x 24" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	12" x 15" Repair Clamp	SB 261 or Ford FS1	4.00%		\$ -
Clamp, Repair	12" x 30" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	16" x 15" Repair Clamp	SB 261 or Ford FS1	1.00%		\$ -
Clamp, Repair	16" x 30" Repair Clamp	SB 261 <sup>7</sup> or Ford FS1	1.00%		\$ -
Basis of Product Group Award is Sum of (Ax B)			100.00%	Wt'd Avg=	\$ -

Hymax Couplings	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Coupling	2" Hymax Coupling	Model 860	25.00%		\$ -
Coupling	3" Hymax Coupling	Model 860	5.00%		\$ -
Coupling	4" Hymax Coupling	Model 860	15.00%		\$ -
Coupling	6" Hymax Coupling	Model 860	15.00%		\$ -
Coupling	8" Hymax Coupling	Model 860	10.00%		\$ -
Coupling	10" Hymax Coupling	Model 860	10.00%		\$ -
Coupling	12" Hymax Coupling	Model 860	10.00%		\$ -
Coupling	14" Hymax Coupling	Model 860	5.00%		\$ -
Coupling	16" Hymax Coupling	Model 860	5.00%		\$ -
		Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

Couplings, Sewer	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Coupling, Sewer	4" Sewer Coupling CLAY x CLAY	Fernco Strong Back RC Series	10.00%		\$ -
Coupling, Sewer	4" Sewer Coupling CI/PVC x CI/PVC	Fernco Strong Back RC Series	20.00%		\$ -
Coupling, Sewer	4" Sewer Coupling CONC x CI/PVC	Fernco Strong Back RC Series	15.00%		\$ -
Coupling, Sewer	4" Sewer Coupling CLAY x CI/PVC	Fernco Strong Back RC Series	15.00%		\$ -
Coupling, Sewer	6" Sewer Coupling CI/PVC x CI/PVC	Fernco Strong Back RC Series	10.00%		\$ -
Coupling, Sewer	6" Sewer Coupling CONC x CI/PVC	Fernco Strong Back RC Series	5.00%		\$ -
Coupling, Sewer	6" Sewer Coupling CLAY x CI/PVC	Fernco Strong Back RC Series	5.00%		\$ -
Coupling, Sewer	8" Sewer Coupling CI/PVC x CI/PVC	Fernco Strong Back RC Series	5.00%		\$ -
Coupling, Sewer	8" Sewer Coupling CONC x CI/PVC	Fernco Strong Back RC Series	5.00%		\$ -
Coupling, Sewer	8" Sewer Coupling CLAY x CI/PVC	Fernco Strong Back RC Series	4.00%		\$ -
Coupling, Sewer	10" Sewer Coupling CI/PVC x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
Coupling, Sewer	10" Sewer Coupling CONC x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
Coupling, Sewer	10" Sewer Coupling CLAY x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
Coupling, Sewer	12" Sewer Coupling CI/PVC x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
Coupling, Sewer	12" Sewer Coupling CONC x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
Coupling, Sewer	12" Sewer Coupling CLAY x CI/PVC	Fernco Strong Back RC Series	1.00%		\$ -
			Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg = \$ -

Coupling, Sewer	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Coupling, Sewer	4" Universal Coupling	Max Adapter Max 4	40.00%		\$ -
Coupling, Sewer	6" Universal Coupling	Max Adapter Max 6	15.00%		\$ -
Coupling, Sewer	8" Universal Coupling	Max Adapter Max 8	15.00%		\$ -
Coupling, Sewer	10" Universal Coupling	Max Adapter Max 10	15.00%		\$ -
Coupling, Sewer	12" Universal Coupling	Max Adapter Max 12	15.00%		\$ -
		Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

Connections, Sewer	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Connections, Sewer	4" x 6" INSERTA TEE	ADS INSERTA TEE	15.00%		\$ -
Connections, Sewer	4" x 8" INSERTA TEE	ADS INSERTA TEE	15.00%		\$ -
Connections, Sewer	4" x 10" INSERTA TEE	ADS INSERTA TEE	10.00%		\$ -
Connections, Sewer	4" x 12" INSERTA TEE	ADS INSERTA TEE	10.00%		\$ -
Connections, Sewer	6" x 8" INSERTA TEE	ADS INSERTA TEE	20.00%		\$ -
Connections, Sewer	6" x 10" INSERTA TEE	ADS INSERTA TEE	15.00%		\$ -
Connections, Sewer	6" x 12" INSERTA TEE	ADS INSERTA TEE	15.00%		\$ -
		Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

CTS Tubing	Submitted By:	Enter Unit Price Bids in Column (B)	(A)	(B)	(A x B)
Category:	Description:	Approved Mfg/Model:	Volume Factor	Unit Price Bid, FOB Starkville	Volume Weighted Unit Price
Tubing, Cross Link Poly	3/4" SDR-9 Cross Linked Tubing 100' Box	Rehau PEXa Municipex or Approved Equivalent	50.00%		\$ -
Tubing, Cross Link Poly	1" SDR-9 Cross Linked Tubing 100' Box	Rehau PEXa Municipex or Approved Equivalent	20.00%		\$ -
Tubing, Cross Link Poly	1-1/4" SDR-9 Cross Linked Tubing 100' Box	Rehau PEXa Municipex or Approved Equivalent	20.00%		\$ -
Tubing, Cross Link Poly	1 1/2" SDR-9 Cross Linked Tubing 100' Box	Rehau PEXa Municipex or Approved Equivalent	5.00%		\$ -
Tubing, Cross Link Poly	2.0" SDR-9 Cross Linked Tubing 100' Box	Rehau PEXa Municipex or Approved Equivalent	5.00%		\$ -
		Basis of Product Group Award is Sum of (AxB)	100.00%	Wt'd Avg =	\$ -

Fire Hydrant	Submitted By:		
Category	Description:	Approved Mfg/Model:	Unit Price Bid, FOB Starkville
Fire Hydrant	3 Way x 3.5 Ft. Bury	Mueller: Super Centurion A-423	
Fire Hydrant Accessories	5-1/4" Extension Kit - 12"	Mueller: Super Centurion A-423 12" Extension	
Fire Hydrant Accessories	5-1/4" Extension Kit - 18"	Mueller: Super Centurion A-423 18" Extension	

Meter Box, Concrete	Submitted By:		
Category:	Description:	Approved Mfg/Model:	Unit Price Bid, FOB Starkville
Meter Box, Concrete	Concrete Meter Box - 5/8" x 3/4"	Southern Meter Box N09 Christy	
Meter Box, Concrete	Concrete Meter Box - 2"	Southern Meter Box 2" Concrete Meter Box	
Meter Box Lid, CI	CI Meter Box Lid - 5/8" x 3/4"	Southern Meter Box T.T.R.O. 5/8" X 3/4" Lid	
Meter Box Lid, CI	CI Meter Box Lid - 2"	Southern Meter Box T. - T.R. 2" Lid	

Valve box	Description	Approved Mfg/Model	Unit Price
Fine gray cast iron	5 1/4" shaft, screw type, adjustable height 24-36"	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	5 1/4" shaft, screw type, adjustable height 36-48"	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	1" Riser	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	3" Riser	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	6" Riser	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	Valve Box Body Extension	Must be Equivalent with ASTM A48 Class 30B	
Fine gray cast iron	Valve Box CI Lid	Must be Equivalent with ASTM A48 Class 30B	
<b>All valve box covers must have "water" cast into the top of them.</b>			

Meters, Water	Description	Approved Mfg/Model	Unit Price
Water Meter	3/4" Water Meter	Badger - Model 25 Thrd. CI/ Btm Meter w/ HRE Encoder w/ Nicor Connector, USG, 8-Dial, Custom Serial # Lazer Etched into Top of Lid, Barcoded Serial # under the lid.	
Water Meter	1" Water Meter	Badger - Model 70 Thrd. Brz. CI/ Meter w/ HRE Encoder w/ Nicor Connector, USG, 8-Dial, Custom Serial # Lazer Etched into Top of Lid, Barcoded Serial # under the lid.	
Water Meter	1 1/2" Water Meter W/ test plug	Badger - Model 120 Ellip. Flg. Brz. Btm Meter w/ HRE Encoder w/ Nicor Connector, USG, 8-Dial, Custom Serial # Lazer Etched into Top of Lid, Barcoded Serial # under the lid.	
Water Meter	2" Water Meter W/ test plug	Badger - Model 170 Ellip Flg. Brz. Btm Meter w/ HRE Encoder w/ Nicor Connector, USG, 8-Dial, Custom Serial # Lazer Etched into Top of Lid, Barcoded Serial # under the lid.	
Water Meter	3/4" Brass Water Meter Base	Badger	
Water Meter	1" Brass Water Meter Base	Badger	
Water Meter	1-1/2" Brass Water Meter Base	Badger	
Water Meter	2" Brass Water Meter Base	Badger	
Water Meter	3/4" AMI Water Meter Head	Badger	
Water Meter	1" AMI Water Meter Head	Badger	
Water Meter	1-1/2" AMI Water Meter Head	Badger	
Water Meter	2" AMI Water Meter Head	Badger	
Magnet	Magnet with clip	7S1531G001, Honeywell	
Modules (RTM)	EA Water V3 - Pit Mount with in-line (NICOR) connector	EW202200000, Honeywell	
Rebar Mounts	Mounting Kit - Pit rod cover mount	EW200005000, Honeywell	
Lid Mounts	Pit mount cap and nut ADA	EW200006000, Honeywell	

Controllers, Pumps	Description	Approved MFG/Model	Unit Price
Programmable Automation Controller	Complete Control and Monitoring System 2411P2ADBBADB5X063120	SEL/2411#J882	

**STARKVILLE UTILITIES  
WATERWORKS DIVISION  
2023 SOURCE OF SUPPLY**

**SECTION II: (WATER TREATMENT CHEMICALS)**

**A. DRINKING WATER CHEMICAL SPECIFICATIONS AND BIDS**

**Contact Person: Sean Johnston, Water Treatment Operator  
Telephone Number: (662)-722-0033**

**THIS TALLY SHEET MUST BE RETURNED WITH BID**

**Note:** All items shall be bid sales tax exempt and F.O.B. Starkville, MS

**Bidder** \_\_\_\_\_ **Contact Person** \_\_\_\_\_

**Address** \_\_\_\_\_ **Contact Person Phone** \_\_\_\_\_

**General Requirements for Bids:** The unit prices bid shall be sales tax exempt and F.O.B. Starkville, MS.

Where “APPROVED MANUFACTURERS” are listed, bids will be accepted for those manufacturers and products only. Contact the Chief Water Operator to have a product tested and qualified for possible inclusion in a future bid advertisement.

Where “EQUIVALENT TO” is listed, bids will be accepted for other manufacturer’s products which meet or exceed the requirements and specifications of the listed products. The low bidder may be asked to submit manufacturer’s literature and samples if the City of Starkville has no prior experience with the product.

All chemicals and chlorine cylinders shall be delivered in trailers no longer than 35 feet in length and driver must be able to unload chlorine cylinders without the availability of a forklift

All drinking water treatment chemicals shall comply with the applicable AWWA standard.

**Section 1.0** Potassium Permanganate (50 lb. drum) \$ \_\_\_\_\_/lb.

**Section 2.0** Sodium Fluoride (50 lb. bag) \$ \_\_\_\_\_/lb.

**Section 3.0** Soda Ash (50 lb. bag) \$ \_\_\_\_\_/lb.

**Section 4.0** Chlorine Gas (150 lb. Cylinder) \$ \_\_\_\_\_/lb.

**Section 5.0** Corrosion Inhibitor

Distributor Requirements:

- The distributor shall provide transfer pumps
- The distributor shall fill slurry cans at all treatment facilities.
- The distributor shall deliver the product within three (3) days of notification by the City.
- The distributor shall analyze raw water from each well to determine the feed rate, dosage (mg/l) and provide formulae for determining feed rates prior to the initial delivery of product and upon request thereafter.
- The distributor shall verify the proper calibration of pumps, feed rates and maintenance doses at each delivery and upon request.
- The distributor shall dispense the product through a calibrated metering device with totals per well provided at the time of delivery.

Packaging:

- The distributor shall deliver the product in a carrier that has been previously approved by the manufacturer.
- Product container(s) shall be food grade quality with a Certificate of Analysis (COA) accompanying each shipment.

APPROVED MANUFACTURERS

1. Carus Chemical Company (Aqua Mag®) \$ \_\_\_\_\_/gal.

2. Mersch Co. (Aqua Gold® 170) \$ \_\_\_\_\_/gal.

## A. WASTEWATER CHEMICAL SPECIFICATIONS AND BIDS

**Contact Person: Thomas Ware, Wastewater Operator**  
**Telephone Number: (662)-769-2166**

### **THIS TALLY SHEET MUST BE RETURNED WITH BID**

**Note:** All items shall be bid sales tax exempt and F.O.B. Starkville, MS

**Bidder** \_\_\_\_\_ **Contact Person** \_\_\_\_\_

**Address** \_\_\_\_\_ **Contact Person Phone** \_\_\_\_\_

### **SPECIFICATIONS**

**General Requirements for Bids:** The unit prices bid shall be sales tax exempt and F.O.B. Starkville, MS.

Where "APPROVED MANUFACTURERS" are listed, bids will be accepted for those products only. Contact the Chief Wastewater Operator to have a product tested and qualified for inclusion in a future bid advertisement.

Where "EQUIVALENT TO" is listed, bids will be evaluated for other manufacturer's products of equivalent dimensions and quality. The low bidder may be asked to submit manufacturer's literature and samples if the City of Starkville has no prior experience with the product.

Note: 2,000-pound chlorine cylinders must be delivered in a truck with a jib crane to set the cylinders into a designated location such that subsequent moving and handling of full cylinders by City personnel is not necessary.

**Section 1.0** Chlorine Gas (2,000 lb. Cylinder) \$ \_\_\_\_\_ / 2000 lb. cylinder

**Section 2.0** Sulfur Dioxide (150lb. Cylinder) \$ \_\_\_\_\_ / 150

### SECTION III: (MANHOLES AND CASTINGS)

**Contact Person: Bailey Wofford**  
**Telephone Number: (662)-323-3133, Ext. 1131**

- A. Manholes shall be pre-cast reinforced concrete sections in accordance with ASTM C 478 (C 478M).
- B. Aggregates for the concrete shall comply with requirements of the current Concrete Aggregates, ASTM C 33 and shall incorporate RP-Penetrator (or equivalent) admixtures. Where admixtures are not used, a waterproofed coating of CS-55 (or equivalent) will be required on the interior and exterior surfaces.
- C. Manhole risers shall be 58" OD x 48" ID. Manhole bases shall be "anti-float" type, 70" diameter x 6" thick.
- D. Manhole steps shall be furnished. The steps shall be plastic or rubber coated steel type with maximum spacing of 16 inches OC and shall support a concentrated load of 300 pounds.

#### EQUIVALENT TO

- 1. American Step Co. ML-10-NCR

- E. Inverts shall be poured during casting unless approved otherwise by the City of Starkville
- F. Rubber riser joint gaskets shall conform to ASTM C 478 (C478M) and shall be O-ring or flat ring type in accordance with ASTM C 443.

#### EQUIVALENT TO

- 1. As manufactured by Press Seal Gasket Corp., Fort Wayne, Ind.
- 2. As manufactured by Hamilton-Kent Manufacturing Co.

- G. Preformed plastic gaskets shall conform to ASTM C 478 (C 478M) and comply with AASHTO M198 75 I, type B, flexible plastic gasket.

#### EQUIVALENT TO

- 1. Ram-Nek as manufactured by K.T. Snyder Co., Inc.

- H. Lifting devices shall be provided and positioned 180 degrees apart.
  
- I. Manhole tops shall be eccentric cone type. The inside diameter of the cone top opening, where used in non-traffic areas, shall be controlled such that the stackable side of the reversible ring specified herein will drop in with the ring “flush” on top of the cone to avoid the need for applying and maintaining mortar along the ring riser. The point of interface with the cone top and ring shall be sealed water tight with one of the approved materials specified herein.

#### MANHOLE CASTINGS

- A. Manhole rings and covers shall be sound gray iron castings, non-watertight type unless otherwise specified. The castings shall be true to pattern, free from faults, sponginess, cracks, blowholes, and other defects affecting their strength. Covers shall be cast with the words “SANITARY SEWER” and shall include the City of Starkville custom logo. Unless otherwise specified, the covers shall be unvented.

#### EQUIVALENT TO

EJ 2450Z-1040AGS Assembly (Product no. 001040532A01)

#### MANHOLE PIPE SEAL BOOTS

- A. Pipe seal boots shall be intrinsically incorporated into the manholes during casting unless approved otherwise by Starkville Utilities.
  
- B. Connector shall provide an airtight seal which eliminates infiltration and exfiltration. EQUIVALENT TO

A LOK “Q” or “Z” as manufactured by A LOK Products, Inc

**THIS TALLY SHEET MUST BE RETURNED WITH BID**

**Note:** All items shall be bid sales tax exempt and F.O.B. Starkville, MS

**Bidder** \_\_\_\_\_ **Contact Person** \_\_\_\_\_

**Address** \_\_\_\_\_ **Contact Person Phone** \_\_\_\_\_

Concrete sections are with moisture treatments	U.O.M	Unit Price When Shipped with Full Truckload
32" height bottom with poured inverts	Ea	
4" cast in boot	Ea	
6" cast in boot	Ea	
8" cast in boot	Ea	
10" cast in boot	Ea	
12" cast in boot	Ea	
16" riser section	Ea	
32" riser section	Ea	
48" riser section	Ea	
36" cone section	Ea	
EJ 2450Z-1040AGS Assembly (Product no. 001040532A01)	Ea	
2" grade rings	Ea	
4" grade rings	Ea	
6" grade rings	Ea	
Tar strip	Box	
Gasket for field cored holes - 4" PVC pipe	Ea	
Gasket for field cored holes - 6" PVC pipe	Ea	
Gasket for field cored holes - 8" PVC pipe	Ea	
Gasket for field cored holes - 10" PVC pipe	Ea	
Gasket for field cored holes - 12" PVC pipe	Ea	