

**CITY OF STARKVILLE
2023 JUL-DEC SOURCE OF SUPPLY
UNIT PRICE CONSTRUCTION BIDS
STARKVILLE UTILITIES**

CONTACT PERSON

**Bailey Wofford
(662) 323 – 3133 EXT 1131**

**PAPER COPIES OF THIS ENTIRE BID MUST BE
RETURNED TO CITY CLERK’S OFFICE.
110 WEST MAIN STREET – CITY CLERK’S OFFICE
STARKVILLE, MISSISSIPPI 39759**

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

Bidder _____ **Contact Person** _____

Address _____ **Contact Person Phone** _____

“City” indicates City of Starkville.

A “project” shall be defined as a single instance when the City of Starkville will hire a Source of Supply contractor to install new infrastructure in a prescribed scope of work in a geographical contiguous location.

“Maintenance” shall be defined as a single instance when the City of Starkville will hire a Source of Supply contractor to perform a prescribed scope of work on existing infrastructure owned and maintained by Starkville Utilities. The amount of hours necessary to complete the work will be agreed upon before contractor is hired.

The unit prices in Sections 1 through 11 shall be used for projects. Estimated quantities will be provided before a contractor is hired for a project. The prices therein shall cover all labor and equipment to excavate, bed, install and backfill the following infrastructure to City specifications (available upon request) at sizes and depths shown. Section 12 is reserved for maintenance services that will be approved on a case by case basis. An understanding of work to be performed and necessary hours to complete will be agreed upon before the contractor is hired. The City shall furnish all materials unless noted otherwise. The contractor is responsible for all equipment required to load and deliver all piping, fittings, bedding material, etc. to the project from the City stockpile and returning any unused materials at the completion of the work to the City stockpile (unit prices shown below shall include these costs).

Compliance with the State of Mississippi 811 statues regarding the locations of underground utilities prior to the commencement of any work shall be the responsibility of the contractor and compensation for any damages to underground utilities as a result of the performance of any work covered by this bid shall be the responsibility of the contractor.

The contractor shall carefully inspect all City provided materials and notify the City of any defects or damages prior to handling the materials. Replacement of damaged materials after being handled by the contractor shall be the responsibility of the contractor.

The City will provide access to all sites through the use of easements, right of ways (ROW), or traversing across personal property. The contractor shall use EXTREME caution when operating within and around personal property. The contractor will confine all equipment, construction materials, and construction activities within the easement, ROW, or described project area. Contractor will be responsible for damage to the project area, surrounding area, personal property loss, or other damage or injuries that result from performance of work beyond for which the contractor is responsible.

All sites must be leveled and ready for grassing prior to approval of invoice. Any site that has large chunks of dirt, excess gravel, broken pipes, debris, or other trash will not be acceptable.

In traffic areas, backfilling shall incorporate the City's approved Utility Trench Repair Standard that includes returning the trench to an acceptable driving surface as approved by the City of Starkville's Engineering Department. Contractor will not be responsible for laying asphalt after repair.

In non-traffic areas, un-compacted backfill shall incorporate a sufficient "crown" to compensate for settling that may occur over the subsequent 1 month.

The bid unit prices in sections 1 through 8 shall be inclusive of all labor necessary for the contractor to complete the project and provide one (1) year warranty, commencing from the time of project completion, covering:

1. Labor and equipment to correct defects in workmanship.
2. Replacement of materials where the failure is determined to be caused by the handling and installation practices of the contractor.
3. Sufficiently correcting of grades where fully settled backfill is below or above the grades of the adjacent undisturbed soils.

Apparent winning bidders may be asked to submit qualification documents to the City where the City has no prior experience with the contractor's qualifications

In order to submit this bid, the contractor must attach the following information to this form when submitting.

1. Board of Contracting Certificate of Responsibility # _____
2. W-9
3. The contractor must obtain and maintain throughout the term of this contract, a Certificate of Insurance with the following minimum limits:

- Each Occurrence	\$1,000,000
- Damage to Rented Premises	\$ 100,000
- Med Exp (Any One Person)	\$ 5,000
- Personal and Adv Injury	\$1,000,000
- General Aggregate	\$2,000,000
- Products – Comp/Op Agg	\$1,000,000

*Any coverage not specifically mentioned here does not imply that the City of Starkville is responsible for said coverage in any instance. Adequate insurance and the associated liability is solely the contractor’s responsibility.

Section 1.0: Mobilization

Mobilization is to be paid once per project. Project sizes will be labeled as a “small, medium, or large” project.

Small Project Mobilization (0’ to 100’ of water or sewer line)

\$ _____

Medium Project Mobilization (101’ to 1,000’ of water or sewer line)

\$ _____

Large Project Mobilization (1,001’ to 2,000’ of water or sewer line)

\$ _____

Section 2.0: Pipe Demolition & Disposal (Includes Excavation, Equipment, and Associated Haul-Off Costs)

Diameter	Cut Depth	Length	Bid Price per LF
0”-24”	0’ – 6’ Cut	N/A	\$ _____
25”-48”	0’ – 6’ Cut	N/A	\$ _____
Larger than 48”	0’ – 6’ Cut	N/A	\$ _____

0"-24"	7' – 10' Cut	N/A	\$
25"-48"	7' – 10' Cut	N/A	\$
Larger than 48"	7' – 10' Cut	N/A	\$
0"-24"	> 10' Cut	N/A	\$
25"-48"	>10' Cut	N/A	\$
Larger than 48"	>10' Cut	N/A	\$

Section 3.0: PVC Sewer Pipe Installation (Per City of Starkville Minimum Specifications for the Installation of Sewer Lines).

Diameter	Cut Depth	Length	Bid Price per LF
4"	0' – 6' Cut	0' – 300'	\$
4"	0' – 6' Cut	301' – 700'	\$
4"	0' – 6' Cut	701' +	\$
4"	6" – 10' Cut	0' – 300'	\$
4"	6' – 10' Cut	301' – 700'	\$
4"	6' – 10' Cut	701' +	\$
4"	10' – 16'Cut	0' – 300'	\$
4"	10' – 16'Cut	301' –700'	\$
4"	10' – 16'Cut	701' +	\$
6"	0' – 6' Cut	0' – 300'	\$
6"	0' – 6' Cut	301' – 700'	\$
6"	0' – 6' Cut	701' +	\$
6"	6" – 10' Cut	0' – 300'	\$
6"	6' – 10' Cut	301' – 700'	\$
6"	6' – 10' Cut	701' +	\$
6"	10' – 16'Cut	0' – 300'	\$
6"	10' – 16'Cut	301' –700'	\$
6"	10' – 16'Cut	701' +	\$

8"	0' – 6' Cut	0' – 300'	\$
8"	0' – 6' Cut	301' – 700'	\$
8"	0' – 6' Cut	701' +	\$
8"	6" – 10' Cut	0' – 300'	\$
8"	6' – 10' Cut	301' – 700'	\$
8"	6' – 10' Cut	701' +	\$
8"	10' – 16' Cut	0' – 300'	\$
8"	10' – 16' Cut	301' – 700'	\$
8"	10' – 16' Cut	701' +	\$
10"	0' – 6' Cut	0' – 300'	\$
10"	0' – 6' Cut	301' – 700'	\$
10"	0' – 6' Cut	701' +	\$
10"	6" – 10' Cut	0' – 300'	\$
10"	6' – 10' Cut	301' – 700'	\$
10"	6' – 10' Cut	701' +	\$
10"	10' – 16' Cut	0' – 300'	\$
10"	10' – 16' Cut	301' – 700'	\$
10"	10' – 16' Cut	701' +	\$
12"	0' – 6' Cut	0' – 300'	\$
12"	0' – 6' Cut	301' – 700'	\$
12"	0' – 6' Cut	701' +	\$
12"	6" – 10' Cut	0' – 300'	\$
12"	6' – 10' Cut	301' – 700'	\$
12"	6' – 10' Cut	701' +	\$
12"	10' – 16' Cut	0' – 300'	\$
12"	10' – 16' Cut	301' – 700'	\$
12"	10' – 16' Cut	701' +	\$

15"	0' – 6' Cut	0' – 300'	\$
15"	0' – 6' Cut	301' – 700'	\$
15"	0' – 6' Cut	701' +	\$
15"	6" – 10' Cut	0' – 300'	\$
15"	6' – 10' Cut	301' – 700'	\$
15"	6' – 10' Cut	701' +	\$
15"	10' – 16' Cut	0' – 300'	\$
15"	10' – 16' Cut	301' – 700'	\$
15"	10' – 16' Cut	701' +	\$
18"	0' – 6' Cut	0' – 300'	\$
18"	0' – 6' Cut	301' – 700'	\$
18"	0' – 6' Cut	701' +	\$
18"	6" – 10' Cut	0' – 300'	\$
18"	6' – 10' Cut	301' – 700'	\$
18"	6' – 10' Cut	701' +	\$
18"	10' – 16' Cut	0' – 300'	\$
18"	10' – 16' Cut	301' – 700'	\$
18"	10' – 16' Cut	701' +	\$
21"	0' – 6' Cut	0' – 300'	\$
21"	0' – 6' Cut	301' – 700'	\$
21"	0' – 6' Cut	701' +	\$
21"	6" – 10' Cut	0' – 300'	\$
21"	6' – 10' Cut	301' – 700'	\$
21"	6' – 10' Cut	701' +	\$
21"	10' – 16' Cut	0' – 300'	\$
21"	10' – 16' Cut	301' – 700'	\$
21"	10' – 16' Cut	701' +	\$

24"	0' – 6' Cut	0' – 300'	\$
24"	0' – 6' Cut	301' – 700'	\$
24"	0' – 6' Cut	701' +	\$
24"	6" – 10' Cut	0' – 300'	\$
24"	6' – 10' Cut	301' – 700'	\$
24"	6' – 10' Cut	701' +	\$
24"	10' – 16' Cut	0' – 300'	\$
24"	10' – 16' Cut	301' – 700'	\$
24"	10' – 16' Cut	701' +	\$

Section 4.0: Miscellaneous Sewer Line Installations

Bid Price (Per Each)

New manhole installation and invert construction during any number of pipeline connection and installation (per the City of Starkville Minimum Specifications for Sewer Line Installation).

0'-6' Invert Depth	\$
6'-10' Invert Depth	\$
10'-16' Invert Depth	\$
Manhole Installation over Existing Line (Per Vertical Ft.)	\$
Tying into Existing Manhole	\$
4" Sewer Manhole Tap	\$
4" Sewer Line Tap	\$
6" Sewer Manhole Tap	\$
6" Sewer Line Tap	\$
8" Sewer Manhole Tap (Cored)	\$

Welding of steel casing during open cut sewer line installations

<u>Steel Casing Diameter</u>	<u>Bid (Per Weld)</u>
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Section 5.0: Water pipe and open cut steel casing installation (Per City of Starkville Minimum Specifications for the Installation of Water Lines).

Nominal Depth of 36" **TYPE I Bedding (Per City Specifications)**

<u>Pipe Diameter</u>	<u>Bid (Per LF)</u>
2" (including threaded connections)	\$ _____
4"	\$ _____
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Nominal Depth of 36" **TYPE II Bedding (Per City Specifications)**

<u>Pipe Diameter</u>	Bid (Per LF)
4"	\$ _____
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Nominal Depth of 36" **TYPE III Bedding (Per City Specifications)**

<u>Pipe Diameter</u>	Bid (Per LF)
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Installation of PVC Casing during open cut water line installation

<u>PVC Casing Diameter</u>	Bid (Per LF)
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Welding of steel casing during open cut water line installations

<u>Steel Casing Diameter</u>	Bid (Per Weld)
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Section 6.0: Miscellaneous Water Line and Meter Installations

Meter Installation

3/4" Meter Set Only	\$ _____
3/4" Meter Tap and Set	\$ _____
1" Meter Set Only	\$ _____
1" Meter Tap and Set	\$ _____
2" Meter Set Only	\$ _____
2" Meter Tap and Set	\$ _____
2" Hot Tap and Valve	\$ _____
4" Hot Tap and Valve	\$ _____
6" Hot Tap and Valve	\$ _____
8" Hot Tap and Valve	\$ _____

Pipe Fittings Diameter

2" or Smaller	\$ _____
4"	\$ _____
6"	\$ _____
8"	\$ _____
10"	\$ _____
12"	\$ _____
14"	\$ _____
16"	\$ _____
18"	\$ _____
20"	\$ _____
24"	\$ _____

Concrete Thrust Blocks.

Concrete thrust blocks shall be placed on all water line bends that are equal to or greater and 22.5° contractor to supply form materials and/or steel rebar where required. City shall supply concrete.

\$ _____ per specified square foot of concrete bearing (see schedule below) area upon undisturbed trench walls as required by the specifications.

Minimum Bearing Area (Sq. Ft.) on Trench Wall Horizontal Bends

Fitting Size (in.)	Tee	90°	45°	22.5°	11.25°
<i>Paid Bearing Area (Sq. Ft.)</i>					
4"	1	1.4	1	-	-
6"	2.1	3	1.6	1	-
8"	3.8	5.3	2.9	1.5	1
10"	5.9	8.4	4.6	2.4	1.2
12"	8.5	12	6.6	3.4	1.7

Hydrants

Setting of hydrants, valves and boxes (does not include connections and thrust blocks which are bid separately) including any base preparation per City specifications (Bid Each).

Prepare base and set Fire Hydrant and 6” valve \$ _____

Prepare base and set valves and valve box (less connections and thrust blocks which are bid separately) per specifications.

<u>Valve Size</u>	<u>Bid Each</u>
2” (including threaded connections)	\$ _____
4” – 6”	\$ _____
8”-10”	\$ _____
12”	\$ _____
14”	\$ _____
16”	\$ _____
18”	\$ _____
20”	\$ _____
24”	\$ _____

Section 7.0 Remove and replace Concrete driveway (City shall provide concrete. Contractor shall provide all other materials)

A. General Description: This work shall consist of saw cutting and removing existing sections of concrete driveway, backfilling and tamping as required to re-establish proper grade and construction of new sections of driveway of Portland Cement with reinforcing steel in close conformity with the lines, grades, and dimensions, of adjacent existing sections in conformance with cross sections as shown on plans. Where driveways will incorporate a sidewalk, all ADA standards will be required.

B. Material: Driveway sections shall be constructed of ready mix concrete conforming to ASTM Specification C94 and shall develop 3,000 psi compressive strength in 28 days. Reinforcing steel shall be 6"x6" #8 welded wire fabric. Forms may be wood or metal, extend the entire depth of the section, and be given a coat of light oil immediately before placing the concrete against them. Care shall be exercised to avoid contact of oil with the reinforcing steel. Minimum thickness shall be 3 1/2".

C. Placement: Forms shall be placed on the compacted sub-base in close conformity with the lines shown on the plans and shall be thoroughly braced to withstand the weight of the concrete without bulging or becoming displaced. A 1/2" premolded expansion joint filler & gray traffic sealant shall be installed at each saw cut. The maximum deviation from adjacent grades shall be less than 1/4".

D. Finishing: The concrete shall be finished smooth and even by means of a float and given a light broom finish. Provide contraction scoring as required.

E. Curing: Concrete shall be cured for at least 72 hours by means of moist sand or clear polyethylene sheeting. The Contractor shall have materials available at all times for protection of unhardened concrete against rain.

F. Removing Forms: Forms shall not be removed from freshly poured concrete until it has set for at least 12 hours. Major honeycombed areas will be considered defective work and shall be removed and replaced.

G. Backfill: All driveway sections shall be backfilled immediately after the 72 hour curing period to the required elevations.

Per linear ft. for saw-cutting. \$ _____

Per square ft. of removal of existing concrete flat area \$ _____

Per linear ft of removal of existing concrete curb and gutter\$ _____

Per square ft. of in place concrete surface flat area. \$ _____

Per linear ft. of in place concrete curb and gutter. \$ _____

Per linear ft. of expansion material and traffic sealant. \$ _____

Section 8.0 Asphalt Pavement Removal

Per Square Foot \$ _____

Section 9.0 Erosion Control Services.

IMPORTANT: ALL BIDDERS FOR ANY CONSTRUCTION SERVICE IN THIS SECTION MUST BID ON THIS ITEM. FAILURE TO BID ON THIS ITEM SHALL BE CAUSE FOR THE REJECTION OF ALL BIDS IN THIS SECTION

The following services shall be linked to the award of construction work bid in this section and do not constitute a “stand alone” bid for this service

City provides: Seed and hay bales for seeding and mulching

Contractor provides: All materials for silt fencing.

Broadcast grass seed and apply straw mulch \$ _____/square yard.

Silt Fence with Wooden Stakes Installation

Mobilization (< 1,500 ft.) \$ _____ Ea.

Per Linear Foot of installation \$ _____/foot

The City reserves the right to execute a change order subsequent to any notice to proceed or contract execution where the City elects to perform this work in lieu of this work being performed by the contractor.

Section 10.0 Jack and Bore Steel Encasement

City Provides: Casing pipe, access to boring site, clearing, grubbing, permits and easements.

Mobilization Charge (Ea.) \$ _____

Pit excavations per bore (Ea) to include both boring and receiving pits.\$ _____

10.1 For Water Lines

Note: Contractor is responsible for a completed bore and the City shall not reimburse the contractor or re-supply casing pipe for abandoned bores.

<u>Size</u>	<u>Price per foot</u>
2"	\$ _____/ft.
6"	\$ _____/ft.
8"	\$ _____/ft.
10"	\$ _____/ft.
12"	\$ _____/ft.
14"	\$ _____/ft.
16"	\$ _____/ft.
18"	\$ _____/ft.
20"	\$ _____/ft.
24"	\$ _____/ft.

10.2 For Sewer Lines on Grade

Note: Contractor is responsible for a completed bore and the City shall not reimburse the contractor or re-supply casing pipe for abandoned bores.

<u>Size</u>	<u>Price per foot</u>
6"	\$ _____ /ft.
8"	\$ _____ /ft.
10"	\$ _____ /ft.
12"	\$ _____ /ft.
14"	\$ _____ /ft.
16"	\$ _____ /ft.
18"	\$ _____ /ft.
20"	\$ _____ /ft.
24"	\$ _____ /ft.

Section 11.0 Root Treatment in Sewers

Root treatment shall consist of the application of herbicidal foam into the system with a U.S. Environmental Protection Agency approved chemical (e.g. Razorooter II® or approved equivalent).

The process shall have demonstrated prevention of root re-growth into sewer systems for a period of 3-5 years after application and shall carry a warranty of a minimum of two (2) years.

Roots shall be killed upon contact both inside and outside the pipe walls. The foam shall penetrate through lateral connections to kill roots in the lateral lines.

The City shall not require a special mobilization. Requests for service shall coincide with the bidder's service schedule for other clients in proximity to the Starkville, MS geographic area and shall be for the minimum footage of treatment indicated.

Minimum linear footage treated per service visit (LF) _____

6"	Per LF	\$ _____
8"	Per LF	\$ _____
10"	Per LF	\$ _____
12"	Per LF	\$ _____
15"	Per LF	\$ _____
18"	Per LF	\$ _____
21"	Per LF	\$ _____
24"	Per LF	\$ _____

Section 12.0. Maintenance Equipment and Personnel Services

This section is not intended to subsidize labor costs for sections 1 through 10. Items from section 12 will not be used with items in sections 1 through 11. Maintenance services refers to the act of performing work in a single instance where the City of Starkville will hire a Source of Supply contractor to perform a prescribed scope of work on existing infrastructure owned and maintained by Starkville Utilities. This section is reserved for maintenance services that will be approved on a case by case basis. An understanding of the scope of work to be performed and necessary hours for equipment and personnel to complete will be agreed upon before the contractor is hired. Prior to hiring a contractor, the owner reserves the right to request that the contractor(s) provide the number of hours expected to complete a maintenance work order. The hour(s) quoted by the contractor may, at the owner’s discretion, be used as a factor in awarding the work.

No contractor will be able to turn in more than 16 hours on any single item without prior approval from the General Manager or Assistant General Manager.

Note: Pay items from section 12.1 must include the full name of the pay item, and the name of the operators and/or helpers for that item. This is not required on bid, but must be turned in on invoice. Example below:

Excavator, Operator (Andrew) and Helper (Vincent) for Pipe

QUANTITY	PAY ITEM	UNIT PRICE	LINE TOTAL
3	Excavator, Operator (Andrew), and Helper (Vincent) for pipe rehab work.	\$100/HR	\$300.00

<u>12.1 Equipment and Personnel</u>		
-	Mobilization (USD)	Per Hour (USD)
Box blade, Tractor, and Operator		
Dump truck and Operator (6 Cy)		
Dump Truck and Operator (15Cy)		
Dump Truck and Operator (22 Cy)		
Bucket Truck and Operator (55')		
Altec Crane and Operator (127' 38T)		
Chipper		
Stump Grinder and Operator (Bandit SG 75)		
Backhoe and Operator		
Mini (<6T) Track Hoe Excavator and Operator		
Mini (6T-<10T) Track Hoe Excavator and Operator		
Standard (10T-<45T) Track Hoe Excavator and Operator		
Large (>45T) Track Hoe Excavator and Operator		
Welding Machine and Welder		
D3 Dozer and operator		
D4 Dozer and operator		
D5 Dozer and operator		
D6 Dozer and operator		
Tractor, Sheep's Foot and/or Wobble Wheel and operator		
Motor Grader (12G or equal) and operator		
Motorized Wobble Wheel Compactor and operator		
Tractor (425 HP min.), 17 cy capacity pull scraper and operator		
Self-Contained scraper (20 cy capacity) and operator		
Tractor (225 HP min), Operator and 15' disk.		
Haul 22 CY/26 ton loads fill material from Columbus, MS		

12.2 Personnel Only

Note: Personnel items must include a name of the worker, and a description of work performed during the hours logged. Personnel hours cannot be used in conjunction with equipment hours.

Foreman	Per Hour	\$ _____
Skilled Craftsman	Per Hour	\$ _____

Laborer **Per Hour** \$
