



3120 N. 675 E. Layton, Utah 84041  
801-771-3038 www.twind.net

Richfield City  
PO Box 250  
75 E. Center St.  
Richfield, UT 84701

Attention: Keith

May 19, 2021

Re: Sanitary Sewer Maintenance Proposal

Keith,

Attached is the revised sanitary sewer maintenance proposal as discussed. Using the footage estimates from past work, it appears your sanitary sewer system contains approximately 266,000 LF of 8"- 21" pipe and an estimated 1100 manholes. Defects will be analyzed, budgeted and repaired as needed.

#### **Traditional Time - Based Maintenance program**

I've split the system into 3 sections as shown below:

**1<sup>st</sup> Year** - For a budget of approximately **\$124,000.00**, we'll clean and CCTV 50% of your sanitary sewer system (approximately 135,000 LF of 8"-12" pipe) and perform basic inspections on approximately 1,100 manholes. Full pricing details are found in the agreement.

**2<sup>nd</sup> Year** - For a budget of approximately **\$70,000.00**, we'll clean and CCTV 26% of your sanitary sewer system (approximately 70,000 LF of 8"-12" pipe) and perform basic inspections on approximately 1,100 manholes. Full pricing details are found in the agreement.

**3<sup>rd</sup> Year** - For a budget of approximately **\$64,000.00**, we'll clean and CCTV 22% of your sanitary sewer system (approximately 55,000 LF of 8"-12" pipe and 6,500 LF of 15"-21" pipe) and perform basic inspections on approximately 1,100 manholes. Full pricing details are found in the agreement. I divided it this way as I suspect the actual footage will be slightly higher than estimated and it will be made up on year 3.

**Storm drain cleaning maintenance is performed on an hourly basis at a rate of \$205.00 per hour, with no additional mobilization, if combined with Sewer maintenance. Please let us know how much of this you'd like to add!**

If approved, simply sign and return the agreement. We look forward to continuing to serve you.

Sincerely,

*David P Denny*

David P. Denny  
Twin "D" Inc.



## Sanitary Sewer Maintenance Agreement

THIS AGREEMENT, made on April 29th, 2021 by and between **Richfield City Corporation**, hereinafter referred to as the OWNER, and **Twin "D" Inc.** hereinafter referred to as the CONTRACTOR. For the period from and including **fiscal year 2021-2022 through fiscal year 2023-2024**. This agreement may be renewed for an additional term(s) upon the agreement of both the OWNER and the CONTRACTOR.

The work included in this agreement shall be completed in three phases:

1. Annual pipe cleaning of the SS system as described in the cover letter.
2. Annual pipe CCTV of the SS system as described in the cover letter.
3. Annual basic inspection of 100% of the sanitary sewer manholes.

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

### Specifications and Conditions applying to all or part of the phases:

#### Owner Responsibilities:

1. The OWNER shall designate a representative to act as the OWNER's liaison with the CONTRACTOR. All reports, correspondence, billings, and notifications shall be made through this representative.
2. The OWNER shall supply electronic maps or plans of the sewer system designating locations of work to be performed and coding to be entered on the reports. As updated maps are available, the OWNER will provide the CONTRACTOR an electronic or paper copy of the newest version.
3. The OWNER shall provide Permission to open manholes and make assessments or perform pipe maintenance. By execution of this agreement permission is hereby granted.
4. The OWNER shall supply traffic control assistance if flagging, UDOT permits, or extra warning signs are required on roads that are greater than two lanes or with speed limits greater than 30 miles per hour or state and federal highways. The OWNER will provide the manpower and signs required to meet these requirements or be assessed addition charges for these services.
5. The OWNER shall be responsible for ensuring there is a clear area to the job location which is of sufficient size to accommodate the required personnel and equipment. The OWNER shall clear, expose, and mark all manhole covers for the CONTRACTOR. If the CONTRACTOR is required to locate and/or expose any manholes, or wait while the Owner's crews do this, it shall be considered extra work and will be billed at an additional hourly rate of \$205.00 per/hour.
6. The OWNER shall be responsible to provide all water necessary for the performance of the work, which may be taken from a fire hydrant within reasonable distance of the work to be performed. If no fire hydrant is available, the OWNER shall provide another pressurized culinary water source acceptable to the CONTRACTOR.
7. The OWNER shall be responsible for providing an appropriate debris disposal location or obtaining approval for an appropriate site. All costs associated with disposal of debris shall be paid by the OWNER. Disposal shall be in accordance with all applicable federal, state, and local regulations, if any.
8. The Owner shall provide annual access to the City's ARC-GIS collector application for the performance of the basic manhole inspections.



9. The Owner shall defend, indemnify, and hold harmless the Contractor, its subcontractors, agents and employees for all liability, other than that caused by the negligent acts, errors, or omissions of the Contractor or its subcontractors, agents, employees, or affiliates.

**Contractor Responsibilities:**

1. The CONTRACTOR shall furnish all labor, machinery, equipment, tools, and services necessary for the cleaning and/or video inspection of the OWNER's sanitary sewer system. The maintenance as referred to herein may include, but not be limited to, the following principal items of work:
  - i. High velocity jet cleaning of sewer mains
  - ii. Debris removal
  - iii. Main line CCTV of sewer mains
  - iv. Basic visual inspection of sanitary sewer manholes
2. The CONTRACTOR agrees to perform the work at the locations identified by the OWNER.
3. The CONTRACTOR shall provide basic traffic control required on roads that are two lanes and smaller or with speed limits less than 30 miles per hour. The CONTRACTOR shall perform all work along city, county, and state highways in a manner that conforms to federal, state, and local regulations and safety practices.
4. The CONTRACTOR shall maintain records of all work performed, including date and location. A copy of this record shall be provided to the OWNER upon submittal of each invoice for payment, or completion of the project.
5. The CONTRACTOR shall send the OWNER an invoice after performing each job requested, in accordance with the price schedule listed herein. The CONTRACTOR shall also send a separate invoice after each emergency job, if any.
6. The CONTRACTOR shall notify the OWNER immediately upon knowledge of drainage problems or plugging in the sewer system. If a main is plugged while in town, the CONTRACTOR shall take immediate action to remedy the situation. If the OWNER contacts the CONTRACTOR about drainage problems on an emergency basis, the Contractor shall respond at their earliest availability. Emergency work will be billed at an hourly rate of \$205.00 per hour with at least an eight (8) hour minimum + mobilization, if our crews are not already in town.
7. Upon completion of a video inspection project, the CONTRACTOR shall deliver the videos and logs to the OWNER's representative. The video records shall be delivered via DVD, flash drives, or drop box.
8. During a video inspection project, the CONTRACTOR will set up on one end to inspect a section, if an obstruction prohibits inspection of the entire section, the CONTRACTOR will then set up on the other end of the section, if it is still not possible to inspect the section, and the problem is beyond the CONTRACTOR's control, the OWNER will then be billed for the entire section.
9. During the cleaning process, **Twin "D" Inc** will make a maximum of four passes through a pipe with the cleaning equipment for the per/foot pricing. If the section is still found to be too dirty to video inspect, it will be considered "an extreme condition" and **Twin "D" Inc** will contact the **Richfield City** representative, and upon approval, will continue cleaning until the line is completely clean, but will track the extra cleaning time in the logs. All "extreme condition" extra cleaning time will be billed as extra time, at a rate of \$ 200.00 per hour.
10. The CONTRACTOR reserves the right to refuse the use or introduction of their equipment in any environment where caustic, acidic, or other hazardous chemicals have been flushed, if any.



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11. The CONTRACTOR shall remove all debris from the manholes by a vacuum system or mechanical means and all solids shall be safely transported to an approved disposal facility, provided by the OWNER.
12. The Contractor does not warrant or otherwise guarantee collection system performance or structural condition.
13. The Contractor will make reasonable efforts to locate and access all manholes to conduct the inspection. If any manholes are buried, unknown, blocked, on private property or for any reason inaccessible, the Contractor will skip these segments and notify to the Owner. The Owner shall then have the option to locate the manholes and relay this information to the Contractor to perform this maintenance. If the CONTRACTOR is required to re-mobilize to complete this additional work, minimums and mobilization shall apply.
14. The Contractor will access the City's ARC-GIS collector application and perform, a basic visual inspection on each sanitary sewer manhole for the Owner as follows:
  - i. Each manhole will be photographed, visually inspected and rated as Good, Fair, or Poor for the attributes listed below.  
All poor rated attributes will include additional photographs.
    1. Proper seating of manhole lid
    2. Condition of manhole collar
    3. Condition of overall interior manhole structure
    4. Condition of manhole shelf
    5. Presence of infiltration, roots and vermin
  - ii Data from inspections shall be directly entered into the Owner's asset management software platform. No written inspection paperwork shall be provided.
15. The Contractor shall carefully review potential repair site(s) to ensure a successful repair can be made before proceeding. A "repair" may constitute one or more of the following,
  - a. Cured in place spot repair
  - b. Root removal or cutting
  - c. Protruding tap cutting

#### Maintenance Pricing Schedule

<b>General Maintenance Pipe Cleaning</b>	8"-12" pipe @ \$0.36 LF	15"-21" pipe @ \$0.42 LF (full area pricing)
<b>Cleaning Hourly Rate:</b>	\$205.00 per hour (only used per specifications or pricing above. With an 8 hour minimum +mobilization)	
<b>Cleaning Crew Mobilization:</b>	\$1,000.00 per annual project	
<b>Cleaning Crew Daily Per Diem:</b>	\$140.00 per day	
<b>General Maintenance Pipe CCTV</b>	8"-12" pipe @ \$0.39 LF	15"-21" pipe @ \$0.45 LF (full area pricing)
<b>Video Crew Hourly Rate:</b>	\$ 190.00 per hour (only used per specifications or pricing above. With an 8 hour minimum +mobilization)	
<b>Video Crew Mobilization:</b>	\$750.00 per annual project	
<b>Video Crew Daily Per Diem:</b>	\$140.00 per day	
<b>Basic Manhole Inspections</b>	\$10.00 each, with a 200 manhole minimum	
<b>MH inspection Crew Mobilization:</b>	\$0.00 if included and completed during cleaning phase.	
<b>*Root Removal:</b>	\$225.00 per/hour (with a one hour minimum, if already in town)	
<b>*Protruding Tap Removal:</b>	8" pipe \$700.00 each + mobilization, if not already in town	
<b>*Cured in place spot repair:</b>	8" – 10" pipe \$2,700.00 each + mobilization, if not already in town (2 repair minimum)	

**Payment Terms:** Net 30 days

\*Price noted for reference only and are not included in the proposal amount.

Taking Care of the World's Environment . . . One Pipe at a Time



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Note: per foot pricing may increase a maximum of \$0.01 LF (per service) annually for inflation.

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Upon approval of the enclosed document, please sign, date, and return a copy to the CONTRACTOR's office to execute the Agreement.

**Twin "D" Inc (CONTRACTOR)**

Signature: David P Denny Title: **President** DATE: **May 19, 2021**  
David P Denny

## Acceptance of this Agreement

**This acceptance is contingent upon budget appropriation for future years**

**Richfield City (OWNER)**

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Witness**

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_