

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF ESTILL            )**  
**COUNTY WATER DISTRICT NO. 1 FOR A        )** **CASE NO. 2019-00119**  
**SURCHARGE TO FINANCE WATER LOSS        )**  
**CONTROL EFFORTS                                )**

**VERIFIED MOTION FOR AUTHORIZATION TO EXPEND  
SURCHARGE PROCEEDS AND TO CONTINUE BILLING SURCHARGE  
UNTIL DECEMBER 31, 2025**

Pursuant to KRS 278.160(2) and 807 KAR 5:001, Section 4, Estill County Water District No. 1 (“Estill District” or “the District”) moves for authorization to expend the proceeds of its Water Loss Control Program Surcharge (“Surcharge”) in accordance with the Expenditure Plan attached to this Motion as **Exhibit 1** and for authorization to continue billing the Surcharge until December 31, 2025.

In support of its Motion, Estill District states:

**Background**

1. Estill District, a water district organized pursuant to KRS Chapter 74, provides water to the unincorporated areas of Estill County, Kentucky. It purchases its total water requirements from Irvine Municipal Utilities.
2. As shown in Table 1, between 2010 and 2018 Estill District experienced high levels of unaccounted-for water. For each year of that period, it was unable to account for 23 percent or more of its total purchased water. Between 2014 and 2018, the District recorded sales of less than two gallons of water for every three gallons of water purchased from Irvine Municipal Utilities for resale.

<b>TABLE 1<sup>1</sup></b>	
<b>Year</b>	<b>Unaccounted-For Water Loss (%)</b>
2010	25.8524
2011	27.4459
2012	23.6125
2013	32.0143
2014	36.4580
2015	35.4295
2016	35.2625
2017	37.6515
2018	39.6243
2019	37.4645
2020	37.5254
2021	39.8757
2022	39.8996

3. This level of unaccounted-for water placed Estill District in precarious financial health. In the period from 2013 through 2017, the District had a cumulative net income of (\$2,158,448). In February 2018, it failed to meet the principal and interest payments on bonds held by Rural Development. This failure led Rural Development to declare the District a delinquent debtor. Rural Development subsequently agreed to restructure Estill District’s loans, to reamortize those loans with their interest rates reduced to Rural Development’s poverty interest rate, and to reschedule the District’s loan payments.

4. Kentucky Public Service Commission (“Commission”) regulations regarding the ratemaking treatment of the cost of unaccounted-for water further compounded the District’s financial problems. 807 KAR 5:066, Section 6(3) provides that “[e]xcept purchased water rate adjustments for water districts and water associations, and rate adjustments pursuant to KRS 278.023(4), for rate making purposes a utility's unaccounted-for water loss shall not exceed fifteen

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<sup>1</sup> This table is a compilation of the unaccounted-for water loss reported annually in Estill District’s annual reports filed with the Commission between 2010 and 2022.

(15) percent of total water produced and purchased, excluding water used by a utility in its own operations.” Since on or before 2010, a sizable portion of the District’s purchased water expense has been subject to disallowance and unrecoverable through its rates for water service.

5. In Case No. 2017-00176,<sup>2</sup> its last general rate case proceeding, Estill District applied to the Commission for an adjustment of its general rates for water service, proposing rates that would generate additional annual revenues of \$345,009. The Commission, however, denied the requested rates and instead authorized rates that generated additional annual revenues of only \$194,147. When determining the District’s revenue requirement, the Commission disallowed \$146,741 of the District’s test period purchased water expenses as unreasonable as these expenses represented the cost of unaccounted-for water in excess of the 15 percent limit on unaccounted-for water loss.<sup>3</sup> It also disallowed \$13,139 of purchased power expense related to the cost of electricity to pump unaccounted-for water in excess of the 15 percent limit.<sup>4</sup>

6. The Commission has attributed the District’s financial problems to poor water loss control. In Case No. 2017-00176, it noted that Estill District’s “current financial difficulties could be eliminated by reducing unaccounted-for water loss to 15 percent” and strongly encouraged Estill District “to pursue reasonable actions to reduce its unaccounted-for water loss.<sup>5</sup> In Case No. 2018-00276, the Commission noted the futility of restructuring the District’s debt unless the District also took “steps to correct the primary cause of its financial condition.”<sup>6</sup> Suggesting that the restructuring of Estill District’s debt represented a final opportunity for Estill District to address

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<sup>2</sup> *Electronic Application of Estill County Water District No. 1 For Rate Adjustment Pursuant To 807 KAR 5:076*, Case No. 2017-00176 (Ky. PSC filed May 10, 2017).

<sup>3</sup> Case No. 2017-00176, Staff Report at 12 (filed Aug. 9, 2017).

<sup>4</sup> *Id.* at 12-13.

<sup>5</sup> Case No. 2017-00176, Order of Dec. 20, 2017 at 4.

<sup>6</sup> *Electronic Application of Estill County Water District No. 1 for Authorization to Consolidate its Existing Loans with Citizens Guaranty Bank*, Case No. 2018-00276 (Ky. PSC Dec. 21, 2018) at 5.

its water loss problems, the Commission directed the District to prepare a detailed and comprehensive plan to correct its excessive water loss.<sup>7</sup>

7. On May 15, 2019, Estill District submitted to the Commission a Comprehensive Corrective Action Plan (“Plan”) to address its excessive water loss. A copy of this Plan is attached to this Motion as **Exhibit 2**. The Plan analyzed Estill District’s current water loss trends and identified the actions necessary to reduce the District’s water losses. Bell Engineering, the Plan’s author, projected that Estill District’s non-revenue water would exceed its actual metered water sales by 2026 unless Estill District implemented a water loss reduction program.<sup>8</sup> It recommended the following actions as initial water loss control measures: (1) the purchase and installation of zone meters and the establishment of districted metering areas (“DMAs”);<sup>9</sup> (2) installation of a backflow prevention device at the Irvine Bridge Master Meter;<sup>10</sup> (3) replacement of at least 20 percent of its existing customer meters;<sup>11</sup> and (4) the hiring of additional personnel dedicated to leak detection efforts.<sup>12</sup> It estimated the cost of these measures in the first two years of the Plan’s implementation would exceed \$320,000.

8. To fund the Plan’s initial implementation, Estill District on June 13, 2019 applied to the Commission in this proceeding for authority to assess to each customer a monthly surcharge of at least \$3.54. The District based the surcharge amount upon the sum of purchased water expense and purchased power expense disallowed in Case No. 2017-00176 due to excessive

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<sup>7</sup> *Id.* at 4-5 (“Given Estill District No. 1’s history of non-compliance and its financial condition, it may not get another opportunity to correct the water loss issues.”).

<sup>8</sup> Bell Engineering, *Comprehensive Corrective Action Plan* (May 15, 2019) at 46.

<sup>9</sup> *Id.* at 7.

<sup>10</sup> *Id.* at 47.

<sup>11</sup> *Id.* at 56.

<sup>12</sup> *Id.* at 48.

unaccounted-for water.<sup>13</sup> It reserved the right to request at a later date a larger surcharge amount should the cost of its water loss control efforts require annual expenditures in excess of \$159,880. The proposal did not set forth a specific period in which the proposed surcharge would be assessed. Instead, the District proposed that the Commission review the operation of surcharge and the District's water loss control efforts three years after the surcharge had been in effect to determine whether the surcharge was still needed.

9. On August 29, 2019, the Commission authorized Estill District to begin assessing the proposed surcharge.<sup>14</sup> The District subsequently filed tariff sheets to implement the surcharge, which the Commission permitted to take effect without revision, containing the following controls:

a. The surcharge was to be billed as a separate line item and identified as “Water Loss Control Program Surcharge” (“Surcharge”);

b. All Surcharge proceeds were to be maintained in a separate, interest-bearing account;

c. Prior Commission approval for the use of Surcharge proceeds for a specific water loss control activity was required prior to the expenditure of Surcharge proceeds for such activity; and,

d. The District was to submit to the Commission periodic water loss reports and monthly activity reports to the Commission that including a statement of monthly surcharge billings and collections; a monthly surcharge bank statement; a list of each payment from the account, its payee, and a description of its purpose; and invoices supporting each payment.<sup>15</sup>

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<sup>13</sup> Application at ¶ 15. The surcharge amount was determined using the following formula:  $(\$146,741 + \$13,139) \div (12 \text{ months} \times 3,763 \text{ customers}) = \$3.54$ . Estill District used the number of customers served as of December 31, 2017 to calculate the amount of the proposed surcharge.

<sup>14</sup> Order of Aug. 29, 2019 at 4. *See also* Order of July 28, 2020 at 2.

<sup>15</sup> Tariff of Estill County Water District No. 1, PSC KY No. 4, Original Sheet 1.1 (effective Nov. 17, 2019).

10. The Surcharge tariff further provided that the District's failure to comply with any controls constituted a basis for the Surcharge's termination and the refund of all unspent surcharge proceeds.<sup>16</sup>

11. The District has assessed the Surcharge since August 29, 2019. As of July 31, 2023, the Surcharge Fund Account had a balance of \$583,619.93. Surcharge proceeds represent \$581,921.60 of this amount. The remainder represents interest on collected surcharge proceeds. The District has timely complied with all reporting requirements of the Order of August 29, 2019.

12. The Surcharge was not intended to fund all of the Plan's recommended actions. Bell Engineering had recommended that Estill District pursued other sources of funding to implement many of the Plan's proposed improvements.<sup>17</sup> The District applied to the Kentucky Infrastructure Authority ("KIA") for funding for several projects. On December 5, 2019, KIA's Board of Directors authorized a loan not to exceed \$2,399,450 ("KIA Loan F20-13") to Estill District to finance the construction of the Phase 11 - System Improvements and Meter Purchase and Replacement Project. ("Phase 11 Project"). Under the loan's terms, the District is required to repay the loan over a 30-year period commencing upon the Phase 11 Project's completion at an interest rate of 0.5 percent per annum. The District must pay an administrative fee of 0.25 percent of the outstanding loan balance payable as part of each loan payment. Upon the release of liens on all contracts and disbursement of the final draw request by KIA to Estill District, KIA will credit to the loan balance fifty percent of the loan principal up to \$1,000,000.<sup>18</sup>

13. The Phase 11 Project ("Project") involved a series of system improvements to enhance the District's ability to locate and repair leaks within its distribution system, as well as

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<sup>16</sup> *Id.*

<sup>17</sup> *See, e.g., Comprehensive Corrective Action Plan* at 48-49.

<sup>18</sup> As of the date of this Motion, the disbursement of the final draw request has not occurred. Estill District currently expects the final draw to occur before November 2023.

replace substandard stream crossings and aging metering equipment. The Project was undertaken in two stages. The first stage involved the replacement of four stream crossings, establishment of a zone meter system through the purchase and installation of seventeen meters, and the upgrade its system telemetry. The second stage involved the replacement of 3,000 existing residential meters with radio read meters, the installation of 700 adapters on existing residential meters for radio read capability, the removal 100 inactive meters, and the upgrade of the District's meter reading software and equipment. The Plan had recommended this project as one of the first corrective actions necessary to reduce water loss.<sup>19</sup>

14. In Case No. 2021-00064, the Commission authorized Estill District to enter KIA Loan 20-13 and issued a certificate of public convenience and necessity to construct the first stage of the Phase 11 Project.<sup>20</sup> In Case No. 2021-00207, the Commission issued a certificate of public convenience and necessity to implement the second stage.<sup>21</sup> Implementation of each stage began shortly after the issuance of a certificate of public convenience and necessity. As of May 19, 2023, both stages of the Phase 11 Project had been completed.<sup>22</sup>

15. In summary, the District has taken the following actions since the Plan was developed: (1) replacement of all residential meters; (2) establishment of 20 DMAs; (3) installation of a flowmeter to verify the purchased volumes of water from Irvine Municipal Utilities; (4) installation of a backflow prevention device at the Irvine Bridge Master Meter; and (5) replacement

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<sup>19</sup> *Comprehensive Corrective Action Plan* at 49. The Plan refers to Project WX21065006, Meter Purchase and Replacement Project. This project was merged into the Phase 11 Project. See <https://wris.ky.gov/portal/DwPrjData/WX21065006>.

<sup>20</sup> Order, *The Application of Estill County Water District No. 1 for Authorization to Enter An Assistance Agreement With the Kentucky Infrastructure Authority, for A Certificate of Public Convenience to Construct Certain Water Improvements and Authorization to Use Water Loss Control Program Surcharge Proceeds*, Case No. 2021-00064 (Ky. PSC Apr. 8, 2021).

<sup>21</sup> Order, *Electronic Application of Estill County Water District No. 1 for A Certificate of Public Convenience and Necessity for the Purchase and Installation of Metering Equipment and Authorization to Use Loan Proceeds for Proposed Purchase*, Case No. 2021-00207 (Ky. PSC June 29, 2021), *amended by* Order (Ky. PSC

<sup>22</sup> See Case No. 2021-00064, Notice of Filing (Jun. 30, 2023), Exhibit B.

and relocation of non-standard creek crossings. These actions are consistent with the Plan’s recommendations. All have been financed with general revenue funds or the proceeds of KIA Loan 20-13.

16. As of July 31, 2023, the Surcharge Fund Account had a balance of \$583,619.93. Of this amount, \$581,921.60 represents surcharge collections. The remaining amount represents interest on the surcharge collections. As of this date, no Surcharge proceeds have been spent.<sup>23</sup>

17. As of this date, the District’s efforts to reduce water loss have been inconclusive. Between 2019 and 2022, the District’s unaccounted-for water ranged from 37.46 percent to 39.9 percent of total purchases.<sup>24</sup> However, the District has recently experienced reductions in water loss. As shown in Table 2 below, its unaccounted-for water loss has declined in the last six months.

<b>TABLE 2<sup>25</sup></b>	
<b>Month</b>	<b>Unaccounted-For Water Loss (%)</b>
January 2023	31.89
February 2023	25.43
March 2023	31.25
April 2023	27.09
May 2023	22.22
June 2023	19.92
July 2023	22.11

**Proposed Uses of Surcharge Proceeds**

18. Despite the recent trend in lower unaccounted-for water loss, significant work remains to reduce the District’s unaccounted-for water loss to the 15 percent standard and to ensure

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<sup>23</sup> In Case No. 2021-00207, Estill District sought and obtained Commission approval to use a portion of Surcharge proceeds to make principal and interest payments on KIA Loan 20-13. *See* Case No. 2021-00207, Order of July 2, 2021 at 3. As of this date, however, it has used only general revenue funds for interest payments on KIA Loan F20-013. Subsequent to the Commission authorizing the use of surcharge proceeds to service the principal and interest payments for KIA Loan 20-13, the District determined the use of surcharge proceeds for debt service was impractical and elected to forego their use for such purpose.

<sup>24</sup> See Table 1.

<sup>25</sup> The source for the unaccounted-for water loss is the monthly water loss reports that Estill District files in this proceeding.

it remains steady at that level. Having made major infrastructure improvements through the Phase 11 Project, the District proposes to build upon those improvements through a greater emphasis on leak detection, leak repair, and leak prevention. It proposes to use the surcharge proceeds for an intensive 33-month program designed to systematically locate and repair existing leaks, identify and repair or replace sections of the District’s distribution system prone to water leaks, and make other systemic improvements to enhance the District’s ability to locate and repair leaks quickly. A full and complete description of the proposed use of Surcharge proceeds follows below.

19. **Dedicated Leak Detection Team.** Estill District currently employs five persons to maintain its distribution system. Bell Engineering found the District’s field staff to be undermanned and recommended the addition of two field workers.<sup>26</sup> Given the limited number of field personnel, the District has been limited in its efforts to expand its leak detection activities and has been unable to assign any field employee solely to leak detection and repair duties. Bell Engineering had recommended in the Plan that the District as one of its first actions “hire additional staff for the sole purpose of loss reduction” and “purchase additional leak detection equipment as needed.”<sup>27</sup> It further recommended that surcharge funds be used to finance such hirings.

The District proposes to hire two additional field employees and to then assign two employees solely leak detection, repair, and prevention duties. It further proposes to equip each leak detection employee with a truck, a laptop or iPad, and a digital listening device.<sup>28</sup> Guided by

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<sup>26</sup> *Comprehensive Correction Action Plan* at 9.

<sup>27</sup> *Id.* at 48.

<sup>28</sup> The District estimates the total cost to equip the leak detection team members will be approximately \$29,500, which includes the cost of computer equipment, digital listening devices, and a global positioning system (“GPS”) receiver. These estimated costs are summarized as follows:

Computer Equipment for All Detection Team Members	\$ 5,000
GPS Receiver (1 Device)	\$ 6,500
Digital Location Devices (“DLD”)	\$18,000

The estimated unit cost of a DLD is \$6,500. The District proposes to purchase three DLDs and to make one available to other field personnel who are not leak detection team members. A price quote for the DLD device is attached to this motion as **Exhibit 11**.

information from the District's recently installed telemetry systems, these employees will search for leaks in those DMAs that show considerable evidence of water loss. Upon locating a leak, they will perform repairs and enter the leak's location, cause, and size into a database. Information in the database will be used to establish a leak database to assess the District's total distribution system and determine which portions are most susceptible to leaks and may require replacement.

The leak detection team will also perform system mapping, valve exercising, and line flushing functions. Mapping distribution facilities, such as valves, permits the District to respond more quickly to discovered leaks and to better understand and model the operation of its distribution system. Exercising valves and performing line flushing are critical preventative maintenance activities that reduce leaks.

The District proposes to pay the leak detection teams wages and fringe benefits from surcharge funds for a 33-month period (October 1, 2023 through June 30, 2026. At the end of this period, the District expects savings from reduced unaccounted-for water will allow the District to fund these positions through general revenues. As shown in **Exhibit 3**, the estimated total cost associated with these two employees is approximately \$354,050.<sup>29</sup> The District will submit with its monthly activity report a record of all leak detection team activities and expenditures.

20. **Creation of Additional DMAs.** The District proposes to create five additional DMAs at a total estimated cost of \$125,000.<sup>30</sup> DMAs are divided by pressure zones and are capable

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<sup>29</sup>  $\$343,635.27 = 33 \text{ months} \times \$10,413.19$  (Monthly wage and fringe benefit expense). **Due to current inflationary pressures on the labor market and employee benefits, the District requests that authority to expend up to \$407,158 (approximately 115 percent of estimated wages and benefits expense).** The District will report in its monthly reports to the Commission any increase in wage or benefit expense prior to the increase and will provide evidence to support the increased expense.

<sup>30</sup> The estimated cost is based upon the cost of purchasing and installing three two-inch meters and two three-inch meters. The District bases its cost estimate upon the cost incurred during the Phase 11 Project to purchase and set four-inch zone meters. See **Exhibit 4**. The unit cost to purchase and set a four-inch meter was \$25,190. As the proposed DMAs will involve the installation of smaller meters, the unit cost for purchase and installation will likely be less than the estimated unit cost of \$25,000.

of being isolated. A “zone” meter is used to monitor water flow entering the DMA. The flow is then compared to metered sales to determine water loss within the DMA. Each zone meter is equipped with pressure sensing equipment and is integrated into the District’s telemetry network, providing the District with accurate real-time water flow information that can be used to pinpoint areas of loss, focus repair efforts, and prioritize future projects. The District currently has twenty DMAs. The District has determined that water flow within a DMA is more effectively monitored, and water leaks more quickly detected, if a DMA contains no more than 200 meters. It currently has three DMAs containing 600 meters and two DMAs containing 400 meters. It proposes to create five additional DMAs by reducing number of meters within these six DMAs to 200 meters. The estimated cost includes the installation of three 2-inch zone meter settings and two 3-inch meter settings.

21. **Vehicle Purchases.** The District proposes to purchase three trucks for leak detection purposes. Each member of the leak detection team will be assigned one of these vehicles. The third vehicle will be available to tow leak repair equipment, such as hydro excavator and dump trailer, as well as for general field use. The acquisition of these trucks will allow the leak detection to operate simultaneously in different DMAs. It will also enable the District’s other field personnel to assist the leak detection efforts. Estimated total cost for these vehicles is approximately \$150,000. Price quotes are attached to this Motion as **Exhibit 5**.

22. **Purchase of a Hydro Excavator and Dump Trailer.** The District proposes to purchase a hydro excavator at an estimated cost of \$100,000 and a dump trailer at a cost of \$8,000. A hydro excavator uses a blast of pressurized water to quickly create a dirt slurry that is then vacuumed into a storage tank, uncovering water lines without damaging them. Hydro excavation provides for better damage and safety control than the use of mechanical methods. As it is more

accurate, it limits accidents and injuries for laborers and the general public. It avoids damage to underground facilities, thus reducing high expenses needed for repair and restoration. It also limits damage to customers' property on which broken or leaking lines are located. Equally important, it will allow the District's crew to more quickly access and repair broken or leaking lines. The dump trailer is required to carry replacement soil to excavator sites to replace soil vacuumed by the hydro excavator. Pickup trucks will be used to tow the hydro excavator and dump trailer to worksites. A specifications sheet providing additional information about the hydro excavator the District proposes to purchase and a price quote are attached to this Motion as **Exhibits 6 and 7**. A price quote for the dump trailer is attached to this Motion as **Exhibit 8**.

23. **Purchase of Rover GNSS GPS Receiver.** The District proposes to purchase a compact global navigation satellite system ("GNSS") global position system ("GPS") receiver for use by its leak detection team to improve its system mapping. The receiver will allow the District to more precisely map its facilities, permitting the District to more quickly respond to leaks. The more precise mapping of the District's facilities is likely to reduce damage to those facilities when the District is performing repairs or other utilities are engaging in excavations and rely upon District marking of its facilities. The estimated cost of the receiver is \$6,535. A datasheet on the receiver and a price quote for the receiver are attached to this Motion as **Exhibits 9 and 10**.

24. The District proposes to hire the additional field personnel and to purchase the equipment listed above within 30 days of receiving authorization to make the expenditures.

25. As none of the equipment purchases involve sufficient capital outlay to materially affect the District's financial condition and will not result in increased charges to its customers, no certificate of public convenience and necessity is required.

### Continued Assessment and Collection of the Surcharge

26. In its application for the establishment of a surcharge to finance water loss control efforts, the District did not propose a termination date for the surcharge but instead recommended a periodic review of the surcharge and the District's water loss control efforts and their results. The Commission has yet to conduct its first formal review of the surcharge. The District proposes that the Commission allowed the District to continue to bill the surcharge at the current monthly rate of \$3.54 until December 31, 2025. Bills for water service issued on and after January 1, 2026 would not contain the surcharge. Such action would permit the District to obtain an estimated \$355,850.32 in additional revenue to use in its water loss control efforts.<sup>31</sup> If billing of the surcharge ends on December 31, 2025, the District expects that total revenues from the surcharge will not exceed \$953,000. Authorizing continued billing of the surcharge to that date will allow the District to implement the second phase of its water loss control plan and allow for sufficient time to assess the plan's effectiveness and to make necessary corrections. A projection of proposed surcharge collections and expenditures is attached as **Exhibit 12** to this Motion.<sup>32</sup>

27. Assuming all proposed expenditures are authorized, and the District is permitted to continue to bill the current surcharge until December 31, 2025, the District estimates \$206,486 will be available for additional water loss control efforts. These funds represent a contingency reserve that, upon Commission authorization, can be used to meet unexpected water loss events or finance additional authorized water loss control projects. The maintenance of a reserve fund is a prudent and reasonable course of action and provides the District with greater flexibility to address

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<sup>31</sup>  $\$355,850.32 = 28 \text{ months} \times \$12,708.94$ . The 28-month period runs from September 2023 to December 2025. The projection assumes that monthly surcharge collections will be \$12,708.94 (the average monthly collections for the six prior to the filing of this Motion).

<sup>32</sup> The projection assumes that monthly surcharge collections will be \$12,708.94, no changes in the wages or benefits for the members of the leak detection team, and no expenditures in addition to those currently set forth in the Expenditure Plan.

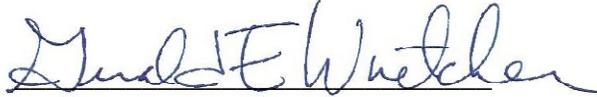
unanticipated water loss events or adjust its current water loss control plans. As the Commission is continuing monitoring the District's surcharge collections and expenditures from the Surcharge account, the Commission can, if it determines at a later date that the surcharge should be discontinued, order the termination of the surcharge before December 2025. Furthermore, should any amount remain unspent as of June 30, 2026, the Commission has the option to direct the refund of the remaining Surcharge proceeds or direct their use for other purposes.

**Requested Relief**

WHEREFORE, Estill District moves for an Order that (1) authorizes the proposed plan of expenditure of surcharge proceeds and (2) authorizes the District to continue billing the surcharge up to and including December 31, 2025.

Dated: August 31, 2023

Respectfully submitted,

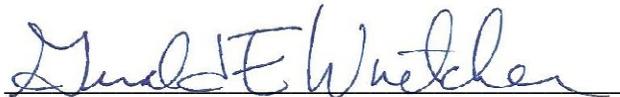


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*Counsel for Estill County Water District No. 1*

**CERTIFICATE OF SERVICE**

In accordance with 807 KAR 5:001, Section 8, and the Public Service Commission's Order of July 22, 2021 in Case No. 2020-00085, I certify that this document was transmitted to the Public Service Commission on August 31, 2023 and that there is currently no party that the Public Service Commission has excused from participation by electronic means in this proceeding.



*Counsel for Estill County Water District No. 1*



# **EXHIBITS**

# **EXHIBIT 1**

### EXPENDITURE PLAN

<b>Proposed Expenditure</b>	<b>Estimated Cost</b>
2-Member Leak Detection Team – Wages and Benefits (33 months)*	\$343,036
Establishment of Five Additional DMAs	\$125,000
Trucks (3)	\$150,000
Hydro Excavator	\$100,000
Dump Trailer	\$ 8,000
GPS Receiver	\$ 6,500
Computer Equipment for Leak Detection Team	\$ 5,000
Digital Listening Devices (3)	\$ 18,000
<b>Total</b>	<b>\$755,536</b>

\* Estill County Water District No. 1 requests authority to expend up to 115 percent of estimated cost (\$407,158) to address potential increases in wages and benefits due to inflation and labor market conditions.

# **EXHIBIT 2**

**FILED SEPARATELY**

# **EXHIBIT 3**

### EXHIBIT 3

#### WAGE AND FRINGE BENEFIT EXPENSE FOR LEAK DETECTION TEAM

WATER LOSS TECH		HOURLY		BI-WEEKLY		MONTHLY		YEARLY
RATE OF PAY	\$	22.00	\$	1,760.00	\$	3,813.33	\$	45,760.00
SOCIAL SECURITY	\$	1.36	\$	109.12	\$	236.43	\$	2,837.12
MEDICARE	\$	0.32	\$	25.52	\$	55.29	\$	663.52
UNEMPLOYMENT			\$	-	\$	-	\$	-
RETIREMENT	\$	5.13	\$	410.78	\$	890.03	\$	10,680.38
HEALTH INSURANCE	\$	1.59	\$	126.92	\$	275.00	\$	3,300.00
DENTAL INSURANCE	\$	0.13	\$	10.19	\$	22.08	\$	264.96
FUEL	\$	1.00	\$	79.85	\$	125.00	\$	2,076.12
LIFE INSURANCE	\$	0.10	\$	7.61	\$	16.48	\$	197.76
<b>TOTAL</b>	<b>\$</b>	<b>30.53</b>	<b>\$</b>	<b>2,442.54</b>	<b>\$</b>	<b>5,433.65</b>	<b>\$</b>	<b>63,505.98</b>

GPS/GIS TECH		HOURLY		BI-WEEKLY		MONTHLY		YEARLY
RATE OF PAY	\$	20.00	\$	1,600.00	\$	3,466.67	\$	41,600.00
SOCIAL SECURITY	\$	1.24	\$	99.20	\$	214.93	\$	2,579.20
MEDICARE	\$	0.29	\$	23.20	\$	50.27	\$	603.20
UNEMPLOYMENT			\$	-	\$	-	\$	-
RETIREMENT	\$	4.67	\$	373.44	\$	809.12	\$	9,709.44
HEALTH INSURANCE	\$	1.59	\$	126.92	\$	275.00	\$	3,300.00
DENTAL INSURANCE	\$	0.13	\$	10.19	\$	22.08	\$	264.96
FUEL	\$	1.00	\$	79.85	\$	125.00	\$	2,076.12
LIFE INSURANCE	\$	0.10	\$	7.61	\$	16.48	\$	197.76
<b>TOTAL</b>	<b>\$</b>	<b>27.91</b>	<b>\$</b>	<b>2,232.95</b>	<b>\$</b>	<b>4,979.55</b>	<b>\$</b>	<b>58,056.80</b>

Monthly Total Expense: \$ 10,413.19

# **EXHIBIT 4**

CONTRACT 371-20-01 WATER SYSTEM IMPROVEMENTS,  
 PHASE 11 - ZONE METER AND RIVER CROSSING INSTALLATION  
 ESTILL COUNTY WATER DISTRICT NO. 1  
 ESTILL COUNTY, KENTUCKY

Item No.	Description	Quantity	Unit	Unit Price	Total Cost
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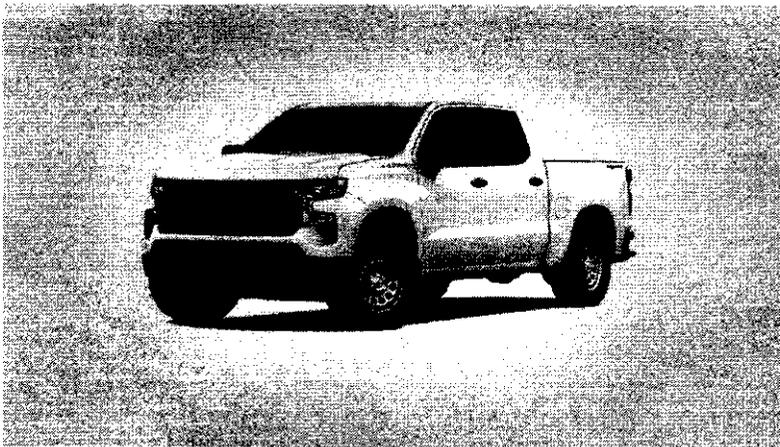
DIVISION "A" ZONE METER INSTALLATION

1. Cut-in pre-assembled 6-inch Zone Meter Setting on Existing 6-inch Water Line Line Including but Not Limited to Sensus Omni AMR Meter w/ Strainer, or equal, equal, Resilient Seat Gate Valves, Valve Boxes and Collars, DIMJ Fittings, Foster Type Adaptors, DIMJ Solid Sleeve or Couplings, ABS Meter Vault w/ lid, PVC SDR-21 Pipe, DI CL 350 Flanged to Plain End Pipe, as Well as Unclassified Excavation, Assembly, Testing, Transport, Disinfection, Bedding, Installation, and Backfill; in Order to Make the Zone Meter Setting Operational, Complete  
 6 Each ~~\$27,150.00~~ \$162,900.00
  2. Cut-in 4-inch Zone Meter Setting on Existing 4-inch Water Line Including, but Not Limited to Sensus Omni AMR Meter w/ Strainer, or equal, Resilient Seat Gate Valves, Valve Boxes and Collars, DIMJ Fittings, Foster Adaptors, DIMJ Solid Sleeve or Couplings, ABS Meter Vault w/ lid, PVC SDR-21 Pipe, DI CL 350 Flanged to Plain End Pipe, as Well as Unclassified Excavation, Assembly, Testing, Transport, Disinfection, Bedding, Installation, and Backfill; in Order to Make the Zone Meter Setting Operational, Complete  
 4 Each ~~\$25,190.00~~ \$100,760.00
  3. Install FPI Full Insertion Mag meter type flow meter at existing booster pump station via 2-inch by 6-inch hot tap on existing 6-inch line. Including unclassified excavation, tapping sleeve, ABS meter jar, meter jar lid, bedding, backfill, clean-up, and disinfection; in order to make the zone meter setting operational, complete.  
 6 Each ~~\$35,000.00~~ \$210,000.00
  4. Install FPI Full Insertion Mag meter type flow meter at existing booster pump station via 2-inch by 12-inch hot tap on existing 12-inch line. Including unclassified excavation, tapping sleeve, ABS meter jar, meter jar lid, bedding, backfill, clean-up, and disinfection; in order to make the zone meter setting operational, complete.  
 1 Each ~~\$54,210.00~~ \$54,210.00
  5. Integrate and Expand Existing Telemetry to the Proposed 17 Zone Metering Sites Identified in Division "A." Furnish and Install, Complete.  
 1 L.S. \$ \_\_\_\_\_ \$100,000.00
- SUBTOTAL DIVISION "A" ~~\$627,870.00~~

DIVISION "B" STREAM CROSSING

1. Install 6-inch PE Stream Crossing at McSwain Branch. Including Installation of PE Water Line via Directional Drilling, PE to PVC Transition Fittings, 6-inch x 6-inch Tapping Sleeve and Tapping Valve, Valve Box and Concrete Collar, Cut, Cap and Block Existing 6-inch Water Line, Test Meter Assembly, and Fiberglass Line Marker. Furnish and Install, Complete.  
 1 L.S. \$ \_\_\_\_\_ \$23,550.00
  2. Install 6-inch PE Stream Crossing at Kiskey Branch. Including Installation of PE Water Line via Directional Drilling, PE to PVC Transition Fittings, 6-inch x 6-inch Tapping Sleeve and Tapping Valve, Valve Box and Concrete Collar, Cut, Cap and Block Existing 6-inch Water Line, Test Meter Assembly, and Fiberglass Line Marker. Furnish and Install, Complete.  
 1 L.S. \$ \_\_\_\_\_ \$27,000.00
  3. Install 6-inch PE Stream Crossing at Murphy Ford. Including Installation of PE Water Line via Directional Drilling, PE to PVC Transition Fittings, 6-inch x 6-inch Tapping Sleeve and Tapping Valve, Valve Box and Concrete Collar, Cut, Cap and Block Existing 6-inch Water Line, Test Meter Assembly, and Fiberglass Line Marker. Furnish and Install, Complete.  
 1 L.S. \$ \_\_\_\_\_ \$27,000.00
  4. Install 6-inch PE Stream Crossing at Locust Branch. Including Installation of PE Water Line via Directional Drilling, PE to PVC Transition Fittings, 6-inch x 6-inch Tapping Sleeve and Tapping Valve, Valve Box and Concrete Collar, Cut, Cap and Block Existing 6-inch Water Line, Test Meter Assembly, and Fiberglass Line Marker. Furnish and Install, Complete.  
 1 L.S. \$ \_\_\_\_\_ \$30,000.00
- SUBTOTAL DIVISION "B" ~~\$107,550.00~~

# **EXHIBIT 5**



**VEHICLE DETAILS**

**Standard Vehicle Price**

**\$43,600**

**Selected Colors**

**\$0**

(GAZ) Summit White  
\$0



(H2G) Jet Black, Vinyl seat trim  
\$0



**Selected Packages (2)**

**\$1,190**

**WORK TRUCK CONVENIENCE PACKAGE**

\$795

**Highlights Include:**

(AKO) Deep-tinted glass

(C49) Rear window defogger

(K34) Cruise control

(DLF) Heated power outside mirrors

**TRAILERING PACKAGE**

\$395

**Highlights Include:**

(CTT) Hitch Guidance

**Selected Options (18)**

**\$2,265**

(CEV) 7,100 lbs. GVWR

(CRN) Automatic locking rear differential

(U5) 3.23 rear axle ratio  
**\$0**

(KC4) External engine oil cooler  
**\$0**

(KNP) External auxiliary transmission oil cooler  
**\$0**

(KW7) 170-amp alternator  
**\$0**

(L84) 5.3L EcoTec3 V8 engine  
**\$1,595**

(MHT) 10-speed automatic transmission  
**Standard**

(QBN) 17" 255/70R17 all-season, blackwall tires  
**\$0**

(QBR) 17" 255/70R17 all-season, blackwall spare tire  
**\$0**

(QT5) Tailgate with EZ Lift assist, power lock & release  
**\$150**

(YK9) Not Equipped with Dynamic Fuel Management  
**(\$50)**

(AZ3) 40/20/40 split-bench front seat with under-seat storage  
**Standard**

(IOR) Chevrolet Infotainment 3 System with color touchscreen  
**Standard**

(KC9) 120-volt box-mounted power outlet  
**\$0**

(KI4) 120-volt power outlet  
**\$225**

(R7N) Not Equipped with Steering Column Lock  
**(\$50)**

(UBI) USB ports  
**\$0**

### Total Vehicle and Options

**\$47,055**

Destination Freight Charge

\$1,795

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### Total Vehicle Price

**\$48,850**

Total Cash Allowance[s]

-\$1,250

---

### Net Price

**\$47,600<sup>±</sup>**

Total Included Price Discounts and Cash Allowances:

-\$1,250

### Standard Features

Package Mechanical Interior Exterior Safety

#### Package

- Chevy Safety Assist
  - Automatic Emergency Braking<sup>1</sup>
  - Forward Collision Alert<sup>1</sup>
  - Front Pedestrian Braking<sup>1</sup>
  - Following Distance Indicator<sup>1</sup>
  - Lane Keep Assist with Lane Departure Warning<sup>1</sup>
  - IntelliBeam

<sup>1</sup> Safety or driver assistance features are no substitute for the driver's responsibility to operate the vehicle in a safe manner. Read the vehicle's owner's manual for important feature limitations and information.

#### Mechanical

- Durabed
  - Roll-formed high-strength steel
- 2.7L Turbo engine
  - 310 hp [231 kW] @ 5600 rpm
  - 430 lb-ft of torque [583 Nm] @ 3000 rpm
  - Paired with a 8-speed automatic transmission

Digitally generated image shown. Actual image may vary. See your dealer for details.



## 2023 F-150®

XLT

**PAINT** <sup>S4</sup>

**COLOR**

Oxford White

**SECONDARY COLOR**

No Secondary Color | **Included**

**\$57,075**

ESTIMATED NET PRICE <sup>S5</sup>

**\$630**

PER MONTH FOR 48 MONTH LEASE <sup>S6</sup>

**PAINT** <sup>S4</sup>

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Oxford White	\$0
No Secondary Color	\$0

**POWERTRAINS** <sup>S4</sup>

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5.0L V8 Engine with Auto Start-Stop Technology and Flex-Fuel Capability	\$2,335
4x4	\$0
Electronic Ten-Speed Automatic Transmission	\$0
3.31 Non-Limited Slip Axle Ratio	\$0

**PACKAGES** <sup>S4</sup>

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XLT Mid	\$0
XLT Mid Discount	-\$1,000
Class IV Trailer Hitch	\$0
Ford Co-Pilot360™ 2.0	\$0

Digitally generated image shown. Actual image may vary. See your dealer for details.

## **EXTERIOR** <sup>54</sup>

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17" Silver Painted Aluminum Wheels	\$0
265/70R 17 BSW All-Terrain Tires (4x4)	\$0
Bedliner – Tough Bed® Spray-In	\$595
Rear-window with Fixed Glass and Solar Tint	\$0
Window – Fixed Rear Window with Privacy Glass and Defroster	\$0
Hooks – Front Tow 4x4, two (2)	\$0
SecuriCode® – Keyless-Entry Keypad, Driver's Side	\$0
Wipers – Intermittent speed	\$0
Remote Start System with Remote Tailgate Release	\$195
Steering Wheel – Heat Removal	\$0
Reverse Sensing System	\$0
Headlamps – Halogen	\$0
Fog Lamps – Halogen	\$0
Sideview – Manual-folding, Power Glass with Heat and Black Skull Caps	\$0

Digitally generated image shown. Actual image may vary. See your dealer for details.

## **INTERIOR** <sup>S4</sup>

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Medium Dark Slate	\$0
Cloth 40/20/40 Front-Seat with Folding Armrest, Cupholders and Storage	\$0
Dual-Zone Electronic Automatic Temperature Control (DEATC)	\$0
Privacy Glass	\$0
Color-Coordinated Carpet with Carpeted Matching Floor Mats	\$0
Auto-Dimming Rearview Mirror	\$0
Rear Under-seat Storage	\$0
Multicontour Seats with Active Motion® Removal	\$0
Seats – 8-Way Power Driver Seats	\$0
4x4 Electronic-Shift-On-the-Fly (ESOF) with Neutral Towing Capability	\$0
Steering Wheel – Manual Tilt/Telescoping and Manual Locking	\$0
Wrapped Steering Wheel	\$0
Cruise Control	\$0
8" Productivity Screen in Instrument Cluster	\$0

SiriusXM® With 360L

\$0

SiriusXM® Traffic and Travel Link

\$0

SYNC® 4 with Enhanced Voice Recognition

\$0

## PRICING SUMMARY

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BASE MSRP <sup>S1</sup>	\$50,220
OPTIONS <sup>S4</sup>	+ \$4,215
ACCESSORIES <sup>S8</sup>	+ \$0
DESTINATION CHARGES <sup>S17</sup>	+ \$1,995
ACQUISITION FEE <sup>S18</sup>	+ \$645
TOTAL MSRP <sup>S16</sup>	= \$57,075
<b>ESTIMATED NET PRICE <sup>S5</sup></b>	<b>= \$57,075</b>
<b>MONTHLY PAYMENT <sup>S6</sup></b>	<b>\$630</b>

Lease based on \$5,643 down payment,  
48 month term and 10,500 mileage, \$0 trade-in-value

YOUR ZIP CODE 40475

CLOSEST FORD DEALER

Gates Ford

1.33 miles away

(833) 372-0736

**Your Configuration:** 2023 F-150 XLT, SuperCrew®, 5.0L V8 Engine with Auto Start-Stop Technology and Flex-Fuel Capability, Electronic Ten-Speed Automatic Transmission, 4x4, 3.31 Non-Limited Slip Axle Ratio

Pricing shown for Zip code 40475 as of July 14, 2023 <sup>S2</sup>

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## DISCLOSURES

Note.

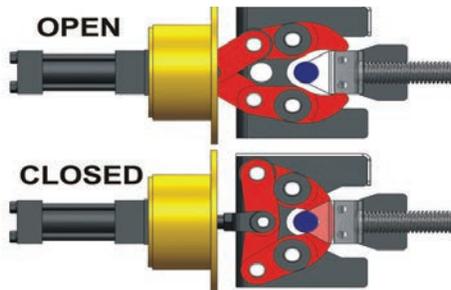
Information is provided on an "as is" basis and could include technical, typographical or other errors. Ford makes no warranties

# **EXHIBIT 6**

# CV SGT VACUUM EXCAVATOR



**.5 MICRON FILTRATION.** Cyclonic filtration separator as well as a secondary filter to clean the air down to .5 microns.



**REAR HYDRAULIC CLAW DOOR.** Rear hydraulic claw door has an over-center locking mechanism for a no-fuss positive lock and unlock.



**POLYMER LINER.** The polymer liner inside the debris tank on the bottom half makes for ease of dumping and cleanout.



**STRONG ARM (OPTION).** With 270-degree rotation, the strong arm supports the weight of the vacuum hose, and the roller head makes handling efficient by allowing smooth, fluid movements and adjustments.



**REVERSE PRESSURE.** Reverse pressure to offload liquids and dislodge debris in hose.



**I BEAM TRAILER.** Units are built from start to finish at our factory, including the trailer which consists of a sturdy I beam construction.

# CV SGT VACUUM EXCAVATOR

DIMENSIONS - SKID	573 SGT	873 SGT	1273 SGT
Length	N/A	230 in (584 cm)	N/A
Width	N/A	97 in (246 cm)	N/A
Height	N/A	81 in (206 cm)	N/A
Weight	N/A	4,800 lb (2,177 kg)	N/A
DIMENSIONS - TRAILER			
Length	228 in (579 cm)	266 in (676 cm)	256 in (571 cm)
Width	92 in (234 cm)	92 in (234 cm)	102 in (259 cm)
Height	89 in (226 cm)	89 in (226 cm)	111 in (282 cm)
Empty weight	4,850 lb (2,200 kg)	5,350 lb (2,427 kg)	7,350 lb (3,334 kg)
GVWR	9,995 lb (4,534 kg)	14,000 lb (6,350 kg)	24,000 lb (10,886 kg)
Trailer axles	(2) 7,000 lb (3,175 kg)	(2) 7,000 lb (3,175 kg)	(2) 12,000 lb (5,443 kg)
ENGINE			
Make and model	Kohler EFI gas	Kohler EFI gas	Kohler EFI gas
Horsepower	38 hp (28.3 kW)	38 hp (28.3 kW)	38 hp (28.3 kW)
Fuel tank capacity	15 gal (56.8 L)	15 gal (56.8 L)	15 gal (56.8 L)
Enclosure	N/A	N/A	N/A
WATER TANK			
Water tank capacity	200 gal (757 L)	300 gal (1,136 L)	400 gal (1,514 L)
Number of tanks	2	2	2
High pressure pump flow rate	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)
High pressure pump	3,000 psi	3,000 psi	3,000 psi
High pressure hose length	50 ft (15.2 m)	50 ft (15.2 m)	50 ft (15.2 m)
Low water shutoff	Electric	Electric	Electric
SPOIL TANK			
Spoil tank capacity	500 gal (1,892.7 L)	800 gal (3,028.3 L)	1,200 gal (4,542.5 L)
Door type	Hydraulic	Hydraulic	Hydraulic
Tank lift type	Hydraulic	Hydraulic	Hydraulic
VACUUM			
Type of filters	.5 micron	.5 micron	.5 micron
Hose length	30 ft (9.1 m)	30 ft (9.1 m)	30 ft (9.1 m)
Hose width	4 in (10.2 cm)	4 in (10.2 cm)	4 in (10.2 cm)
Vacuum	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)	1,000 cfm (1,699 m <sup>3</sup> /hr)
Vacuum blower type	PD blower	PD blower	PD blower
Vacuum mercury	14 in hg (.5 bar)	14 in hg (.5 bar)	14 in hg (.5 bar)
CONTROL PANEL			
Controls	Curbside	Curbside	Curbside
Gauges	Analog	Analog	Analog
OPTIONS (FOR ALL)			

- Strong arm
- In-tank washout system
- Recirculation kit
- Hydraulic jack

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# **EXHIBIT 7**



# **EXHIBIT 8**

✓ **CRS Auto & Trailer Sales Inc.**

**5781 Main St**

**Clay City, Ky.40312**

**606-663-2836**

**2023 Homesteader Dump Trailer 7x12 HX**

**12,000 GVWR**

**Options:**

**Tarp,Equipment Package,Barn/Spread Gate**

**D-Rings, Ramps**

**\$ 10,200 Plus Sales tax**

**2023 Homesteader Dump Trailer 6x12MB**

**9950 GVWR**

**\$6995.00 Plus Sales Tax**

# **EXHIBIT 9**



# Trimble R2

## GNSS RECEIVER

### VERSATILITY IN THE FIELD. FLEXIBILITY FOR YOUR WORKFLOW.

Work the way you want with the Trimble® R2 GNSS receiver. Using trusted Trimble technology the R2 receiver gives you the freedom to configure a solution by simply selecting the accuracy and GNSS performance to suit your application. Capable of achieving submeter to centimeter level positioning accuracy the Trimble R2 is the answer to keep you working productively in a wide range of geospatial applications, no matter what your workflow requirements are.

Whether you are performing pole-based stakeouts, surveying on roads, in mines or on construction sites, locating buried assets such as pipes and cables, capturing GIS field assets, or carrying out precision survey measurements, the versatile Trimble R2 is purpose-built for surveyors and mapping and GIS professionals alike.

Simple to setup and easy-to-use, the Trimble R2 pairs with any Trimble handheld, Trimble Access™ controller, or consumer-grade smart device across a variety of operating systems and platforms, to deliver reliable, high quality real-time data every time.

#### A Simple, Rugged System for Everyday Needs

Built to withstand the rigors in the field, the rugged IP65-rated Trimble R2 receiver will work as hard as you do in tough outdoor conditions. Its one-button start up and compact, streamlined form factor makes it fast to set up and can be operated either mounted on a pole, on a backpack or on a vehicle. The field-swappable battery means all day productivity with no interruptions, keeping you focused on the job at hand.

### Technology to Keep you Productive

The Trimble R2 is capable of tracking the full range of GNSS satellite constellations and augmentation systems, and comes with an integrated Trimble Maxwell™ 6 chip and 220 channels to provide you with reliable accuracy and positioning performance. Achieve higher accuracy in real-time with the flexibility to choose correction sources from traditional RTK, VRS networks, to Trimble RTX™ correction services delivered by both satellite and Internet/cellular.

Trimble has evolved its Floodlight™ satellite shadow reduction technology to ensure the R2 receiver is able to provide reliable, accurate data even in difficult GNSS environments. Equipped with this advanced GNSS technology, you can achieve remarkable improvements to position availability and accuracy when heavy overhead cover, such as tree canopy and buildings, obstruct satellite signals, making even tough GIS workflows easier.

### A Complete Solution

Connect the Trimble R2 receiver to your preferred controller or mobile device via a wireless Bluetooth® connection and add proven Trimble field and office software workflows to complete the solution. Data can be collected with the customizable workflows of Trimble field software such as Trimble Access or Trimble TerraFlex™ software that allow your teams to easily collect and communicate information between the field and office in real-time. Collected data can then be processed with Trimble office software, including Trimble Business Center or TerraFlex, providing you with data rich, high-quality deliverables for your organization.

For a simple, configurable, field-to-office solution, the innovative and flexible Trimble R2 GNSS receiver enables you to work accurately and productively your way.

## Key Features

- ▶ A professional solution for geospatial applications ranging from sub-meter to centimeter accuracies to support any GIS or survey-grade workflow
- ▶ Easily collect data by pairing with devices such as smartphones, tablets or Trimble handhelds using Trimble Survey and GIS software
- ▶ Fast to setup, easy to use, keeping you productive and focused at your task at hand
- ▶ Supports multiple satellite constellations and correction sources for accurate data at any location
- ▶ Trimble Maxwell 6 chip with 220 channels and leading GNSS technology maximizes data quality



# Trimble R2 GNSS RECEIVER

## CONFIGURATION OPTION

Type .....	Smart antenna
Base operation .....	Yes, Logging only
Rover operation .....	Yes
Rover position update rate .....	1 Hz, 2 Hz, 5 Hz
Rover operation within a VRS Now™ network .....	Yes

## MEASUREMENTS

- Advanced Trimble Maxwell 6 custom GNSS chip
- High-precision multiple correlator for L1/L2 pseudo-range measurements
- Unfiltered, unsmoothed pseudo-range measurements data for low noise, low multipath error, low-time domain correlation, and high-dynamic response
- Very low noise carrier phase measurements with <1 mm precision in a 1 Hz bandwidth
- Signal-to-noise ratios reported in dB-Hz
- Trimble EVEREST™ multipath signal rejection
- Proven Trimble low elevation tracking technology
- 220-channel GNSS
- 4-channel SBAS (WAAS/EGNOS/MSAS/GAGAN)

## POSITIONING PERFORMANCE

### SBAS (WAAS/EGNOS/MSAS/GAGAN) Positioning<sup>1</sup>

Horizontal accuracy .....	±0.50 m (1.6 ft)
Vertical accuracy .....	±0.85 m (2.8 ft)

### Code Differential GPS Positioning<sup>2</sup>

Correction type .....	DGPS RTCM 2.x
Correction source .....	IBSS
Horizontal accuracy .....	±(0.25 m + 1 ppm) RMS ±(0.8 ft + 1 ppm)
Vertical accuracy .....	±(0.50 m + 1 ppm) RMS ±(1.6 ft + 1 ppm)

### Static GNSS Positioning

Static and Fast Static	
Horizontal .....	3 mm + 0.5 ppm RMS
Vertical .....	5 mm + 0.5 ppm RMS

### Post-Processed Kinematic (PPK)<sup>2</sup>

Horizontal accuracy .....	10 mm + 1 ppm RMS (0.033 ft + 1 ppm RMS)
Vertical accuracy .....	20 mm + 1 ppm RMS (0.065 ft + 1 ppm RMS)

### Trimble RTX Positioning<sup>3,4</sup>

CenterPoint® RTX	
Horizontal accuracy .....	2 cm RMS
Vertical accuracy .....	5 cm RMS
FieldPoint RTX™	10 cm Horizontal RMS
RangePoint™ RTX	30 cm Horizontal RMS
ViewPoint RTX™	50 cm Horizontal RMS

### RTK Positioning<sup>2</sup>

Horizontal accuracy .....	10 mm + 1 ppm RMS (0.033 ft + 1 ppm RMS)
Vertical accuracy .....	20 mm + 1 ppm RMS (0.065 ft + 1 ppm RMS)

### Network RTK<sup>2</sup>

Horizontal accuracy .....	10 mm + 0.5 ppm RMS (0.033 ft + 0.5 ppm RMS)
Vertical accuracy .....	20 mm + 0.5 ppm RMS (0.065 ft + 0.5 ppm RMS)

## BATTERY AND POWER

Internal .....	Replaceable internal battery 7.4 V, 2800 mA-hr, Lithium-ion
External .....	Power input on the Mini-B USB connector, non-charging as per the USB standard 10 W USB adapter
Power consumption .....	4.95 W (VFD 100%), 3.7 W (VFD 12.5%) at 18 V, in rover mode

Operation time on internal battery	
Rover .....	5 hours; varies with temperature

## MECHANICAL

User interface .....	LED indicators for receiver status On/Off key for one-button startup
Dimensions .....	14.0 cm (5.5 in) diameter x 11.4 cm (4.5 in) height
Weight .....	1.08 kg (2.38 lb) receiver only

## ENVIRONMENTAL

Temperature	
Operating .....	-20 °C to +55 °C (-4 °F to +131 °F)
Storage .....	-40 °C to +75 °C (-40 °F to +167 °F)
Humidity .....	100% condensing
Waterproof .....	IP65
Pole drop .....	Designed to survive a 2 m (6.6 ft) drop onto all faces and corners onto concrete (25C)
Shock	
Non-operating .....	To 75 g, 6 ms, saw-tooth
Operating .....	To 40 g, 10 ms, saw-tooth 100 shock events at 2 Hz rate
Vibration .....	MIL-STD-810G (Operating), Method 514.6, Procedure I, Category 4, Figure 514.6C-1 (Common Carrier, US Highway Truck Vibration Exposure) Total Grms levels applied are 1.95 g

## INTERNAL ANTENNA

Frequency Range .....	L1/L2 (GPS, GLONASS, Galileo, BeiDou, QZSS), MSS (RTX), L1 SBAS
-----------------------	--

## COMMUNICATIONS

USB .....	1 USB 2.0 (Type B) device
Wi-Fi .....	Simultaneous client and access point (AP) modes
Bluetooth wireless technology .....	Fully-integrated, fully-sealed 2.4 GHz Bluetooth module <sup>5</sup>
Network protocols .....	.HTTP (web browser GUI); NTP Server, TCP/IP or UDP; NTRIP v1 and v2, Client mode; mDNS/uPnP service discovery; dynamic DNS; eMail alerts; network link to Google Earth; PPP and PPPoE
Supported data formats	
Correction inputs .....	CMR, CMR+™, CMRx, RTCM 2.x, RTCM 3.0, RTCM 3.1, RTCM 3.2
Correction outputs .....	None
Data outputs .....	NMEA, GSOF
External GSM/GPRS modem, cell phone support	
Integrated receiving radio (optional) .....	Integrated 450 MHz UHF Radio
Channel spacing (450 MHz) .....	12.5 and 25 kHz
Sensitivity (450 MHz) .....	-103 dBm, GMSK 9600 baud 25kHz channel spacing
Data storage .....	48 MB internal memory <sup>6</sup>

## CERTIFICATIONS

IEC 60950-1 (Electrical Safety); FCC OET Bulletin 65 (RF Exposure Safety); FCC Part 15.105 (Class B), Part 15.247, Part 90; Bluetooth SIG; IC ES-003 (Class B); Radio Equipment Directive 2014/53/EU, RoHS, WEEE; Australia & New Zealand RCM; Japan Radio and Telecom MIC

"Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPhone or iPad respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone or iPad may affect wireless performance.

iPad, iPhone and Retina are trademarks of Apple Inc., registered in the U.S. and other countries. iPad mini is a trademark of Apple Inc.

- 1 Depends on SBAS system performance.
- 2 Accuracy and reliability may be subject to anomalies such as multipath, obstructions, satellite geometry, interference and atmospheric conditions. Always follow recommended practices.
- 3 CenterPoint RTX accuracy is typically achieved within 5 minutes in select regions, and within 30 minutes worldwide. FieldPoint RTX accuracy is typically achieved within 5 minutes in select regions, and within 15 minutes worldwide. RangePoint RTX and ViewPoint RTX accuracy is typically achieved within 5 minutes worldwide.
- 4 Receiver accuracy and convergence time varies based on GNSS constellation health, level of multipath, and proximity to obstructions such as large trees and buildings.
- 5 Bluetooth type approvals are country-specific. For more information, contact your local Trimble office or representative.
- 6 The actual available capacity of the internal memory is less than the specified capacity because the firmware occupies part of the memory. The available capacity may change when you upgrade receiver firmware.

Specifications subject to change without notice.    

Contact your local Trimble Authorized Distribution Partner for more information

**NORTH AMERICA**  
Trimble Inc.  
10368 Westmoor Drive  
Westminster CO 80021  
USA

**EUROPE**  
Trimble Germany GmbH  
Am Prime Parc 11  
65479 Raunheim  
GERMANY

**ASIA-PACIFIC**  
Trimble Navigation  
Singapore PTE Limited  
3 HarbourFront Place  
#13-02 HarbourFront Tower Two  
Singapore 099254  
SINGAPORE



# **EXHIBIT 10**



# PRECISION PRODUCTS

Eric Muncy  
1420 Hugh Avenue  
Louisville, KY, 40213

Cell: (859) 321-3675  
Fax:  
Email: [eric@yourprecision.com](mailto:eric@yourprecision.com)

Contact Name: Audrea Miller  
Organization: Estill County Water District  
Address: 76 Cedar Grove Rd, Irvine, KY 40336  
City, State, Zip: Irvine, KY, 40336  
Mobile: \_\_\_\_\_  
Office: (606) 723-3795  
Fax: \_\_\_\_\_  
Email: [a.miller@estillcountywater.com](mailto:a.miller@estillcountywater.com)

Precision Products is pleased to quote:		Estimate #EST2700	DATE	2/22/2022	
Item	Part No.	Description	Qty	Unit Price	Ext. Price
1	TRM.R2-001-12	R2 SUBFOOT ROVER GPS/GLO/GAL/BEI/NMEA	1	\$5,700.00	\$5,700.00
2	TRM.101071-00-01	TRIMBLE GEOSPATIAL ACCESS POWER SUPPLY & CORD	1	\$125.00	\$125.00
3	GCP.GCP13	GCP R2 Battery Pack	1	\$103.00	\$103.00
4	SEC.5125-22-FLY	ROVER ROD 2.M, 1.8M,AL SNAP LOC	1	\$139.95	\$139.95
5	SEC.5217-04	BIPOD, THUMB RELEASE OPEN CLAMP	1	\$155.00	\$155.00
6	SEC.5200-24-050	XGRIP TABLET CRADLE FOR 7 IN TABLETS	1	\$69.95	\$69.95
7	SEC.5200-160	POLE CLAMP, BALL, 11/4" CLAW	1	\$65.95	\$65.95
8	SEC.5200-201	ARM DOUBLE SOCKET, 1" BALL	1	\$22.00	\$22.00
9	MGIS	GPS Door Bracket PN: 5114-20-FLY	1	\$702.92	\$702.92
10	MGIS	GPS Door Bracket Extensions	1	\$78.95	\$78.95
11	TRM.106170-00	TRIMBLE R2 ACCESSORY- TRANSPORT CASE (SINGLE RECEIVER)	1	\$473.00	\$473.00
12	MGIS	** R2 Special Pricing Bundle Discount **	1	(\$1,100.00)	(\$1,100.00)
				<b>Sub Total:</b>	\$6,535.72
				<b>Sales Tax:</b>	\$0.00
				<b>Total:</b>	\$6,535.72

**Additional Notes:**

- \* Quotation is valid for thirty (30) business days and subject to product inventory and/or availability.
- \* Standard warranty on new equipment is 2 years for Robotics Equipment and 1 year for GNSS and Data Collectors. Precision Products is a factory-authorized service center for these products. **No standard warranty is offered for demo and/or used equipment.**
- \* Payment Terms: Dependent upon package configuration. Financing options may be available; consult me for details.
- \* Please contact me if you have other questions or need additional information. Thank you for the opportunity to present this proposal!

Customer P.O. #

Signature (Authorized Person) \_\_\_\_\_ Date \_\_\_\_\_

Signature (Eric Muncy, Precision Products) \_\_\_\_\_ Date \_\_\_\_\_

## TERMS AND CONDITIONS OF SALE OR RENTAL

This Terms and Conditions of Sale or Rental ("Agreement") applies to the undersigned customer's ("Customer") purchase or lease of goods, equipment or products ("Product" or "Products") from Precision Products, LLC, a Kentucky limited liability company ("Precision"), as designated on the associated order ticket (the "Sales Order").

- 1. SCOPE AND PRICE QUOTES.** Every Sales Order placed with Precision is conditioned on and confirms Customer's acceptance of these terms and conditions. The terms and conditions set forth herein apply to any other transactions between Customer and Precision in which a written Sales Order and/or Agreement fail to be signed. Written price quotes by Precision will remain open for acceptance for the number of days stated in the price quote. Unwritten price quotes shall not be binding on Precision.
- 2. DELIVERY.** Precision's delivery dates are approximate. Precision will maintain delivery schedules as closely as possible, but all advance shipping dates are best estimates only. Precision will not be liable for delays in delivery, nor shall Precision be liable for other defaults in performance which arise from causes beyond Precision's control, including, without limitation, force majeure events. Precision assumes no liability for loss or consequential damages due to delivery delays. Unless otherwise stipulated by the parties, delivery of the Products to the Customer or Products returned to Precision shall be made FOB Destination. The Customer has the duty to inspect all Products, including any special order configurations, upon delivery or pick-up.
- 3. CREDIT AND SECURITY AGREEMENT.** All Customer purchases must be paid in cash, unless an authorized Precision representative authorizes a credit sale in writing. If credit is extended to Customer, payment terms shall be in accordance with the Sales Order and in no case will be longer than net twenty (20) days from invoice. Precision may extend or deny credit to Customer, in the sole and absolute discretion of Precision. If Customer desires payment terms from Precision, it agrees to fully and truthfully execute Precision's Credit Application. In connection with the extension of credit, Precision may require one or more of the following to secure payment: a security deposit, delivery of an irrevocable letter of credit, and personal guaranty(s). This Agreement and the Sales Order create a purchase money security interest in the Products and shall constitute a security agreement for all purposes under the Uniform Commercial Code. Precision retains a purchase money security interest in the Products, including all additions, accessories, and accessories to and replacements thereof, to secure performance of all Customer's financial obligations. Precision is authorized to file a financing statement or any additional documents necessary to perfect its purchase money security interest in said Products. If Precision approves credit for a particular Sales Order, it does not require that Precision extend credit for subsequent Sales Orders.
- 4. CUSTOMER PAYMENTS; INTEREST CHARGE.** All payments must be in U.S. currency. No discount will be granted for advance payment. Precision shall be entitled to set-off, offset and deduction for prior debt balances in Customer's account. Customer shall not withhold or set off from any amounts due to Precision for any amounts claimed to be owed by Precision to the Customer for any reason whatsoever. If total payment is not made on or before the specified due date, the Customer agrees to pay service charges on all overdue sums owing to Precision at the rate of one percent (1%) per month until the date on which payment is made in full.
- 5. TAXES.** Prices do not include foreign or domestic sales, use, excise or similar taxes. Consequently, in addition to prices specified herein, the amount of any present or future sales, use, excise or other general or specific tax, import or export tariffs, duties or penalties or other governmental charges fixed or imposed by any lawful authority(s) upon or applicable to the production, sale, shipment, delivery, rental or use of the Products sold hereunder shall be added to the price and be paid by the Customer, or in lieu thereof, Customer shall provide Precision with a tax exemption certificate acceptable to the taxing authorities. If any such tax is paid by Precision, Customer shall reimburse Precision upon presentation of invoice.
- 6. CANCELLATION.** Cancellation of all or part of a Sales Order through no fault of Precision will only be permitted if such cancellation is signed by an authorized Precision representative, which cancellation may be granted in the sole and absolute discretion of Precision. Under no circumstances shall a cancellation be permitted if received less than 30 days before the scheduled delivery date. If cancellation is agreed to by Precision, the Customer may be subject to a charge for any special work performed.
- 7. RETURNS.** No Product may be return without Precision's prior written consent, which consent may be withheld by Precision in its sole discretion. No returns will be accepted for special order Products. Returns must be shipped prepaid by the Customer in the original boxes and packaging materials, unless otherwise approved by an authorized Precision employee. Customer must enclose a packing slip or note containing his name, address, phone number and description of the problem with any returns. All returns are subject to a minimum fifteen percent (15%) restocking charge. Freight and transportation charges for returned Products shall be the responsibility of the Customer.
- 8. OPERATIONAL AND SAFETY RESPONSIBILITY.** The Customer is required to completely read and understand all operational guidelines and safety warnings provided by the manufacturer. The Customer agrees to rely upon the manufacturer's customer service departments, websites, social media, and other manufacturer literature for purposes of training, instruction and operating. Precision only provides limited initial training with respect to the Products. Precision may provide more extensive training, performed on a fee basis. Additionally, Customer must read the Product specifications and limitations prior to purchase. The Customer, and not Precision, bears the risk that a Product does not satisfy the Customer's specific expectations or demands. Any calibration of a Product is guaranteed to be within manufacturer specifications as of the time a Product leaves Precision. The Customer assumes the responsibility to maintain the calibration accuracy thereafter and releases Precision of all liability if the calibration is disturbed.
- 9. WARRANTY DISCLAIMER; LIMITATION OF LIABILITY.** Precision does not provide any express or implied warranties for the Products. The Customer shall look to the manufacturer's warranty policy as specified in the sales literature and/or in the instruction manual in effect at time the order is placed. **THE FOREGOING STATES PRECISION'S ENTIRE LIABILITY, AND CUSTOMER'S EXCLUSIVE REMEDIES, RELATING TO THE USE OR PERFORMANCE OF THE PRODUCTS, EXCEPT AS OTHERWISE EXPRESSLY PROVIDED HEREIN, THE PRODUCT, ACCOMPANYING DOCUMENTATION AND MATERIALS ARE PROVIDED "AS-IS" AND WITHOUT EXPRESS OR IMPLIED WARRANTY OF ANY KIND BY PRECISION, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT.** Precision's liability is limited to servicing or adjusting any returned Products and replacement of any defective parts during the manufacturer's warranty period. Precision shall not be responsible, obligated, or liable for any injury or damage resulting from an application or use of the Products, either singly or in combination with other products. **PRECISION SHALL NOT BE LIABLE FOR DAMAGES, INCLUDING BUT NOT LIMITED TO INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE PRODUCTS OR ARISING OUT OF ACCEPTANCE OF THE SALES ORDER.**
- 10. ATTORNEYS FEES; INDEMNIFICATION.** If suit or other proceedings shall be brought against the Customer for recovery of the purchase price or any unpaid balance or the breach by Customer of any term of this Agreement, Customer shall pay to Precision, in addition to any damages provided by law, reasonable attorneys' fees and costs of collection. Customer agrees to indemnify and hold Precision harmless from and against any and all causes of action, claims, damages, charges, complaints, liabilities, obligations, costs, losses, debts, and expenses suffered by it which directly or indirectly result from, relate to, arise out of, or are attributable to: (a) any inaccuracy in any representation or breach of any warranty contained herein by Customer; (b) any failure by Customer to perform or observe, or to have performed or observed, in full, any covenant, agreement or condition to be performed or observed by it under this Agreement; or (c) any unauthorized use of, or changes to, the Products.
- 11. RENTAL TERMS.** If the Customer is renting Products from Precision: (a) the first month's rent and security deposit shall be due in advance or at time of delivery, and subsequent rental payments are due in full on the first day of each monthly rental period; (b) the Customer bears the risk of loss/damage to the rented Products beginning with the time of delivery and ending at the time the Products are returned to Precision; (c) the Customer shall carefully inspect the rented Products at time of delivery or pick-up and agrees to inform Precision of any damages or performance issues with the rented Products at the time of return to Precision; (d) the Customer shall keep the Products insured in an amount equal to the value stated on the Sales Order; (e) title to the Products shall at all times remain with Precision; (f) if the Customer breaches any provision of this Agreement, Precision reserves the right to terminate the rental agreement and recover the Products at any time, including the right to enter the Customer's premises; (g) the Customer shall use the Products in compliance with all manufacturer instructions and agrees to carefully read and abide by all safety warnings; (h) the Customer shall not make any modifications to the Products; and (i) if the Customer has rented a GPS unit, it agrees to use the related data device provided by Precision to stream data only directly related to the GPS. Any data used to connect to another device will be charged to Customer at the cellular carrier's then current rate.
- 12. PRODUCT MODELS AND SPECIFICATIONS.** The goods offered by the manufacturers represented by Precision change from time to time and Precision may not carry all manufacturer goods at all times. Customer acknowledges that models may be discontinued at any time without prior notice and replacement parts may not always be or remain available. Precision has no obligation to retain previous offerings or to incorporate modifications to Products sold previously.
- 13. USE OF DATA.** Customer shall treat as confidential all drawings and data submitted by Precision pertaining to price, size, and design. Customer shall not give or show such drawings or data to others under any circumstances, unless specifically approved by an authorized Precision employee. All such drawings and data shall remain Precision's property.
- 14. NOTICE.** Any notice sent to Precision shall be sent to Precision Products, 1420 Hugh Ave, Louisville, Kentucky 40213. Precision shall provide notice to the Customer at the address listed on the Sales Order.
- 15. GENERAL.** This Agreement and the Sales Order shall be governed by and construed in accordance with and governed by the law of the state of Precision's accepting office, as if it were executed and performed entirely within the State of Precision's accepting office and shall be construed to be between merchants. Any assignment of the Agreement and Sales Order or any rights or obligations thereunder by Customer without the prior written consent of Precision shall be void. Except as expressly provided to the contrary in writing, the provisions of the agreement between Customer and Precision are for the benefit of the parties hereto and not for any other person. No waiver by Precision of any breach of any provision of the Agreement or Sales Order will constitute a waiver of any other breach. The terms and conditions set forth herein and in the Sales Order contain all the representations, stipulations, warranties, agreements and understandings with respect to the subject matter of the agreement between the Customer and Precision, and its execution has not been induced by any representation, stipulation, warranty, agreement or understanding (including any course of prior dealings between the parties hereto) of any kind other than those set forth above. No waiver, modification, or addition to these terms and conditions, or any assignment of Customer's rights or obligations hereunder, shall be valid or binding on Precision unless in writing and signed by an authorized Precision representative. A Sales Order may not be modified except in writing by an authorized employee. Precision reserves the right to correct clerical errors.

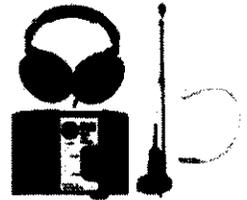
# **EXHIBIT 11**

United Systems & Software, Inc. is a technical services firm that specializes in the software development and information technology to utilities and local government. Founded in 1977, USS now serves over 500 customers within Eighteen-state region. As a distributor of Itron Automatic Meter Reading (AMR) and metering technology, we offer complete AMR systems, radio transmitters & receivers, handheld & mobile computers, software, installation, training and support.



Estill County Water District  
Attn: Audrea Miller  
76 Cedar Grove Rd, Irvine, KY 40336  
Ph: 606.723.3795

Qty	Product/Service Description	Unit Price	QTY
<u>DLD Digital Leak Detector:</u>			
1	Complete Digital Leak Detection (DLD) System DLD-008	\$2,995.00	
Plus Shipping (estimated at \$25-\$30)			



**Footnote-** Technical services not included. If needed remote services are billable at \$175/hr. Onsite services travel expenses are additional, which will be invoiced to the client at cost.

**General-** Prices do not include shipping and/or sales tax (if applicable). This quotation shall remain firm for ninety (90) days from the quotation date, unless modified in writing by USS prior to USS acceptance. All services are to be delivered during USS' standard service window (8AM-4:30PM, Monday thru Friday, excluding USS Holidays).

For Order: Mark quantity, sign agreement and return to my attention at PO Box 547, Benton, KY 42025 or fax to 1.270.527.3132.

Thank you,

Daniel Brown  
United Systems & Software, Inc. (USS)

#### AGREEMENT AND TERMS

Both parties agree to the following terms and conditions as they related to the software, hardware and services outlined within this Sales Order outline:

1. This quotation shall remain firm for ninety (90) days from the date submitted, unless modified in writing by USS prior to USS acceptance.
2. This quotation supersedes all previous quotations, and all previous quotations are null and void.
3. The Client will be billed upon delivery of products/services. All related invoices shall be paid on a 'Net 10 day' basis.
4. Delivery shall be within 10-45 days. USS shall not be responsible for any delays beyond its control. Quotations do not include related shipping and/or sales tax, if applicable.
5. USS shall not be liable for any consequential damages arising out of the use of the system.

USS and the client understand and agree to the terms and conditions as outlined. Client acknowledges that Client has read this Agreement, understands it, and agrees to be bound by its terms. Client further agrees this is the complete and exclusive statement of Agreement between the parties, which supersedes all implied, oral, and written communications between the parties relating to this Agreement.

This Agreement shall be effective when signed by both parties. This Agreement is entered into as of this \_\_\_\_ day of \_\_\_\_\_, 2022.

UNITED SYSTEMS & SOFTWARE, INC.

Estill County Water District

By/Title: \_\_\_\_\_

By/Title: \_\_\_\_\_

# **EXHIBIT 12**

**PROJECTED SURCHARGE RECEIPTS AND EXPENDITURES**

<b>Date</b>	<b>Description</b>	<b>Receipt</b>	<b>Expenditure</b>	<b>Balance</b>
7/31/2023	Opening Balance	\$ 583,619.93		\$ 583,619.93
8/31/2023	Surcharge Collection	\$ 12,709.94		\$ 596,329.87
9/30/2023	Surcharge Collection	\$ 12,709.94		\$ 609,039.81
10/31/2023	Surcharge Collection	\$ 12,709.94		\$ 621,749.75
10/31/2023	Laptop/Ipad/Software		\$ (5,000.00)	\$ 616,749.75
10/31/2023	New DMAs		\$ (125,000.00)	\$ 491,749.75
10/31/2023	Vehicle Purchases		\$ (150,000.00)	\$ 341,749.75
10/31/2023	Digital Listening Devices Purchase		\$ (18,000.00)	\$ 323,749.75
10/31/2023	Hydro Excavator		\$ (100,000.00)	\$ 223,749.75
10/31/2023	Dump Trailer		\$ (8,000.00)	\$ 215,749.75
10/31/2023	GPS Receiver		\$ (6,500.00)	\$ 209,249.75
10/31/2023	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 198,836.56
11/30/2023	Surcharge Collection	\$ 12,709.94		\$ 211,546.50
12/31/2023	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 201,133.31
1/31/2024	Surcharge Collection	\$ 12,709.94		\$ 213,843.25
1/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 203,430.06
2/29/2024	Surcharge Collection	\$ 12,709.94		\$ 216,140.00
2/29/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 205,726.81
3/31/2024	Surcharge Collection	\$ 12,709.94		\$ 218,436.75
3/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 208,023.56
4/30/2024	Surcharge Collection	\$ 12,709.94		\$ 220,733.50
4/30/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 210,320.31
5/31/2024	Surcharge Collection	\$ 12,709.94		\$ 223,030.25
5/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 212,617.06
6/30/2024	Surcharge Collection	\$ 12,709.94		\$ 225,327.00
6/30/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 214,913.81
7/31/2024	Surcharge Collection	\$ 12,709.94		\$ 227,623.75
7/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 217,210.56
8/31/2024	Surcharge Collection	\$ 12,709.94		\$ 229,920.50
8/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 219,507.31
9/30/2024	Surcharge Collection	\$ 12,709.94		\$ 232,217.25
9/30/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 221,804.06
10/31/2024	Surcharge Collection	\$ 12,709.94		\$ 234,514.00
10/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 224,100.81
11/30/2024	Surcharge Collection	\$ 12,709.94		\$ 236,810.75
11/30/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 226,397.56
12/31/2024	Surcharge Collection	\$ 12,709.94		\$ 239,107.50
12/31/2024	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 228,694.31
1/31/2025	Surcharge Collection	\$ 12,709.94		\$ 241,404.25
1/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 230,991.06
2/28/2025	Surcharge Collection	\$ 12,709.94		\$ 243,701.00
2/28/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 233,287.81
3/31/2025	Surcharge Collection	\$ 12,709.94		\$ 245,997.75
3/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 235,584.56

**PROJECTED SURCHARGE RECEIPTS AND EXPENDITURES**

<b>Date</b>	<b>Description</b>	<b>Receipt</b>	<b>Expenditure</b>	<b>Balance</b>
4/30/2025	Surcharge Collection	\$ 12,709.94		\$ 248,294.50
4/30/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 237,881.31
5/31/2025	Surcharge Collection	\$ 12,709.94		\$ 250,591.25
5/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 240,178.06
6/30/2025	Surcharge Collection	\$ 12,709.94		\$ 252,888.00
6/30/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 242,474.81
7/31/2025	Surcharge Collection	\$ 12,709.94		\$ 255,184.75
7/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 244,771.56
8/31/2025	Surcharge Collection	\$ 12,709.94		\$ 257,481.50
8/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 247,068.31
9/30/2025	Surcharge Collection	\$ 12,709.94		\$ 259,778.25
9/30/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 249,365.06
10/31/2025	Surcharge Collection	\$ 12,709.94		\$ 262,075.00
10/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 251,661.81
11/30/2025	Surcharge Collection	\$ 12,709.94		\$ 264,371.75
11/30/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 253,958.56
12/31/2025	Surcharge Collection	\$ 12,709.94		\$ 266,668.50
12/31/2025	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 256,255.31
1/31/2026	Surcharge Collection	\$ 12,709.94		\$ 268,965.25
1/31/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 258,552.06
2/28/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 248,138.87
3/31/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 237,725.68
4/30/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 227,312.49
5/31/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 216,899.30
6/30/2026	Leak Detection Team Wages & Benefits		\$ (10,413.19)	\$ 206,486.11
<b>Total</b>		<b>\$ 952,208.19</b>	<b>\$ (745,722.08)</b>	

\* Estimated wage and benefit expense. District has requested authority to exceed amount by 115 percent if inflation and labor market pressures require.

\*\* Assumes billing of surcharge will end on December 31, 2025 and final billing is collected in month of January 2026.