

**BID****Lake Valley Residential Wells Project****Note: Prices Not to Include Tax.**

| Item                 | Description  | Unit | QTY  | Unit Price | Total Price |
|----------------------|--|------|------|------------|-------------|
| <b>Well Drilling</b> |  |      |      |            |             |
| 1                    | Drilling equipment mobilization (75%)/demobilization (25%), includes all equipment, labor and materials not separately listed necessary to construct, develop, test and equip up to seven (7) wells in the project area, coordination, protection of each well throughout project, driller's logs, as-builts, and site restoration, complete in place (CIP). | LS   | 1    |            |             |
| 2                    | Drill 20-inch borehole and cement in place 12-inch steel surface casing to an anticipated typical 80-ft depth with neat cement grout, CIP. Collect drill cutting samples every 10 ft. or as directed by Engineer.  | LF   | 560  |            |             |
| 3                    | Drill approx. 10-inch production well borehole, from bottom of surface casing to anticipated typical 500-ft total depth, with minimum 5-ft of over-drill below proposed total cased depth, CIP. Collect drill cutting samples every 10 feet.   | LF   | 2975 |            |             |
| 4                    | 5-inch SCH 80 PVC production well casing (400' est. qty. per well), including incidental 2-foot stickup and centralizers, CIP  | LF   | 2800 |            |             |
| 5                    | 5-inch SCH 80 PVC well screen (100' est. qty. per well), includes incidental end cap and centralizers, CIP   | LF   | 700  |            |             |
| 6                    | Filter pack (56 cu. ft. est. qty. per well incl. 20% contingency for washouts, etc.), anticipated to be 8-12 Colorado silica sand, final size to be determined by Engineer, includes materials, disinfection and placement with tremie pipe, CIP   | CF   | 395  |            |             |
| 7                    | Bentonite seal above filter pack, min. 20-ft thickness (9 cu. ft. est. qty. per well incl. 20% contingency for washouts, etc.), includes materials and placement with tremie pipe, CIP   | CF   | 63   |            |             |
| 8                    | Pea-gravel from top of bentonite seal to 55 ft bgs (143 cu. ft. est. qty. per well incl. 20% contingency for washouts, etc.), includes materials and placement with tremie pipe, CIP   | CF   | 999  |            |             |

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| 9    | High solids bentonite grout between borehole and surface casing/production casing and between surface casing and production casing, as indicated in drawings, from 5 ft to 55 ft bgs (37 cu. ft. est. qty. per well incl. 20% contingency for washouts, etc.), includes materials and placement with tremie pipe, CIP                        | CF   | 259  |            |             |
| 10   | Swabbing and/or bailing development, includes any labor, materials and equipment needed that are not separately listed on bid form.  | HR   | 52   |            |             |
| 11   | Air-lift pumping development, includes any labor, materials and equipment needed that are not separately listed on bid form.   | HR   | 60   |            |             |
| 12   | Pumping development, including any labor, materials and equipment needed that are not separately listed on bid form. Required recovery periods after pumping are incidental.   | HR   | 60   |            |             |
| 13   | Pump test on well(s) per direction of Engineer, anticipated as a combined 300 min step test and 12-hour constant rate test, includes any labor, materials and equipment needed that are not separately listed on bid form. Required recovery periods after pumping are incidental. A pump test may not be required by Engineer at all wells. | HR   | 190  |            |             |
| 14   | Well disinfection and bacteriological testing, includes disinfection of equipment and materials placed in the well, and collection and delivery of bacteriological samples to laboratory.  | EA   | 7    |            |             |
| 15   | Furnish 1-inch flexible drop pipe, Boreline Flexiriser (OAE), includes Hose Solutions (OAE) pump centralizer, and all other drop pipe appurtenances not separately listed.   | LF   | 3150 |            |             |
| 16   | Furnish 1-inch check valve   | EA   | 14   |            |             |
| 17   | Furnish #6 pump wire   | LF   | 3220 |            |             |
| 18   | Furnish 1/4" stainless steel tubing air line   | LF   | 3185 |            |             |

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| 19  | Furnish 2HP Grundfos 10S20-27 (OAE) submersible production pump, motor, and all downhole appurtenances not separately listed. Pump size and model above is estimated. Final size and model to be determined by Engineer based on Pump Test results.                     | EA    | 7   |            |             |
| 20  | Install submersible production pump, motor, drop pipe, drop pipe, check valves, pump wire, air-line and all other downhole appurtenances, CIP. Includes testing and startup.  | EA    | 7   |            |             |
| 21  | Surface completion of wellhead, including pitless adapter, well cap, connection to drop pipe and PEX discharge line, stub-out of electrical conduit, 4'x4' concrete pad around well seal, tee-posts, appurtenances not separately listed, earthwork and compaction, CIP | EA    | 7   |            |             |
| 22  | Testing allowance, includes reimbursement of 3rd party costs for down-hole geophysical logging, water quality laboratory analysis, material testing and passing bacteriological test analysis samples.  | ALLOW | 1   |            |             |
| 23  | Contractor labor, equipment, and materials to support and coordination of geophysical logging, if requested by Engineer, per well. Excludes cost of 3rd party geophysical logging invoices which are eligible for payment from the testing allowance.                   | EA    | 7   |            |             |
| 24  | Standby at the written request of Owner or Engineer.  | HR    | 24  |            |             |
| <b>Water Service Connections (site plumbing and electrical)</b> |   |       |     |            |             |
| 25  | Mobilization (75%)/demobilization (25%) for all water service connections, includes as-builts and site restoration, CIP   | LS    | 1   |            |             |
| 26  | 1-inch PEX tubing, Type B, including all fittings, connections, buried marker tape, above ground teepost pipe markers, earthwork, compaction, and appurtenances not separately listed, CIP.   | LF    | 850 |            |             |
| 27  | Pressure tank pit, incl. 6-ft diameter metal culvert pit, cover, insulation, fixed ladder, crushed gravel, earthwork, compaction, and all appurtenances not separately listed, CIP. Excludes plumbing and electrical within pit.  | EA    | 7   |            |             |

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| 28   | Pressure tank pit plumbing, incl. 80-gallon pressure tank, stainless steel tank tee, pressure switch, pressure gauges, valves, fittings, and plumbing appurtenances not separately listed, CIP. Excludes PEX tubing paid by separate bid item. | EA   | 7   |            |             |
| 29   | Sanitary frost-free yard hydrant assembly, collar, block, fittings, earthwork, compaction, and appurtenances not separately listed, CIP. Excludes domestic stop assembly.  | EA   | 6   |            |             |
| 30   | Domestic stop assembly, collar, block, fittings, earthwork, compaction, and appurtenances not separately listed, CIP   | EA   | 13  |            |             |
| 31   | Disinfection of site plumbing, plumbing bacteriological testing, and plumbing leak testing, CIP  | EA   | 7   |            |             |
| 32   | 3#6 THWN-2 wire CU with 1#6 Ground wire within 1 1/4" conduit, including marker tape, earthwork, compaction, and all appurtenances and connections to site electrical equipment not separately listed, CIP.                                    | LF   | 700 |            |             |
| 33   | Pressure tank pit electrical, incl. disconnect switch, pump controller, starter, float switch, and all conduit, wiring, and electrical appurtenances within the pit not separately listed, CIP.  | EA   | 7   |            |             |
| 34   | Surge/lightning arrestor/suppressor, installed and connected at home's load center, CIP.   | EA   | 7   |            |             |
| 35   | Combination utility meter/ load center for House No. 4 and House No. 6 with new overhead service conductors, 100A, 120/240V-1-Phase, CIP. Includes coordination with local utility company.  | EA   | 2   |            |             |
| 36   | Replace existing service conductors at House No. 2, CIP. Includes coordination with local utility company.   | EA   | 1   |            |             |

**TOTAL PRICE (without tax):**     \$ \_\_\_\_\_

**IN WORDS:** \_\_\_\_\_