



Baker County Fire Rescue Dept

REQUEST FOR PROPOSALS FOR SANDERSON COMMUNITY FIRE STATION **RFP 2023-05**

1. CONSTRUCT AN OSTDS SEPTIC SYSTEM (PER ATTACHED FDOH PERMIT #02-SN-2638825). WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL SEPTIC SYSTEM:
 - a. 1350-GAL SEPTIC TANK WITH 600-GAL DOSING TANK AND 2 DOSING PUMPS.
 - b. 719 SQUARE FT MOUNDED DRAINFIELD SYSTEM.
 - c. ESTIMATED FILL REQUIRED FOR DRAINFIELD MOUND = 34 INCHES.
 - d. COORDINATE ALL COMPONENTS AND ACTIVITIES WITH OTHER SITE AND BUILDING CONTRACTORS.

2. **BASE BID ITEM:** CONSTRUCT A FIRE SUPPLY WELL AND PRESSURIZED STORAGE SYSTEM, ALONG WITH A POTABLE TREATMENT SYSTEM (PER ATTACHED DRAWING). WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL WATER SUPPLY SYSTEM:
 - a. 250 GPM FIRE AND SUPPLY WELL, WITH AN ESTIMATED 8-INCH DIAMETER CASING, AN ESTIMATED 450–500 FT BORE DEPTH, AND 6-INCH SUBMERSIBLE PUMP.
 - b. 4,300-GAL HYDROPNEUMATIC TANK WITH TANK-MOUNTED AIR COMPRESSOR, SADDLES AND CONCRETE FOUNDATION PER MANUFACTURER RECOMMENDATIONS.
 - c. FIRE SUPPLY WELL AND STORAGE SYSTEM SHALL MAINTAIN UP TO 100 PSI PRESSURE FOR THE BUILDING FIRE SUPPRESSION SYSTEM. REQUIRED FIRE FLOW = 250 GPM FOR A 2-HR DURATION.
 - d. IRON FILTRATION, SOFTENING AND CHLORINATION PACKAGE SYSTEM FOR STATION DOMESTIC NEEDS.
 - e. FREEZE PROTECTION FOR CRITICAL COMPONENTS.
 - f. SITE PIPING AND APPURTENANCES FOR POTABLE AND FIRE SERVICE TO THE BUILDING, INCLUDING PROVISIONS FOR FILLING TANKER.
 - g. ALL PERMITTING SHALL BE PERFORMED BY THE WELL CONTRACTOR.
 - h. COORDINATE ALL COMPONENTS AND ACTIVITIES WITH OTHER SITE AND BUILDING CONTRACTORS.

3. **ALTERNATE BID ITEM:** CONSTRUCT A POTABLE WELL, TREATMENT AND SUPPLY SYSTEM, ALONG WITH A NON-PRESSURIZED FIRE STORAGE AND FIRE PUMP SYSTEM (PER ATTACHED DRAWING). WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS FOR A COMPLETE AND FULLY FUNCTIONAL WATER SUPPLY SYSTEM:
 - a. 40 GPM SUPPLY WELL, WITH AN ESTIMATED 4-INCH DIAMETER CASING, AN ESTIMATED 450'-500' BORE DEPTH AND 3-INCH SUBMERSIBLE PUMP.
 - b. IRON FILTRATION, SOFTENING AND CHLORINATION PACKAGE SYSTEM FOR STATION DOMESTIC NEEDS.
 - c. 120-GAL HYDROPNEUMATIC TANK FOR DOMESTIC NEEDS.
 - d. 30,000-GAL ABOVEGROUND STORAGE TANK FOR FIRE SUPPLY, WITH GALVANIZED STEEL CONSTRUCTION, ROOF AND CONCRETE FOUNDATION PER MANUFACTURER RECOMMENDATIONS.
 - e. PACKAGE FIRE PUMP SYSTEM, WITH 250-GPM HIGH SERVICE PUMP, JOCKEY PUMP AND WEATHER-PROTECTIVE HOUSING.
 - f. FREEZE PROTECTION FOR CRITICAL COMPONENTS.
 - g. SITE PIPING AND APPURTENANCES FOR POTABLE AND FIRE SERVICE TO THE BUILDING, INCLUDING PROVISIONS FOR FILLING TANKER.
 - h. ALL PERMITTING SHALL BE PERFORMED BY THE WELL CONTRACTOR.
 - i. COORDINATE ALL COMPONENTS AND ACTIVITIES WITH OTHER SITE AND BUILDING CONTRACTORS.

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