REQUEST FOR PROPOSALS FOR SANDERSON COMMUNITY FIRE STATION

1. **BID ITEM 1**: CONSTRUCT A POTABLE WELL, TREATMENT AND SUPPLY SYSTEM, 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. WELL MUST PROVIDE DISCHARGE OUTLET FOR PROVIDING FOR HARD WATER FOR ATMOSPHERIC TANK (FOR FIRE SUPPLY, SEPARATE BID)
   c. IRON FILTRATION, SOFTENING AND CHLORINATION PACKAGE SYSTEM FOR STATION DOMESTIC NEEDS.
   d. 120-GAL HYDROPNEUMATIC TANK FOR DOMESTIC NEEDS.
   e. SITE PIPING AND APPURtenances FOR POTABLE UP TO THE 2” BACKFLOW PREVENTER FOR HOOKUP BY SITE CONTRACTOR
   f. FREEZE PROTECTION FOR CRITICAL COMPONENTS.
   g. ALL PERMITTING SHALL BE PERFORMED BY THE WELL CONTRACTOR.
   h. ELECTRICAL POWER WITH BE SUPPLIED AT PUMP BY THE COUNTY
   i. COORDINATE ALL COMPONENTS AND ACTIVITIES WITH OTHER SITE, FIRE PUMP, AND BUILDING CONTRACTORS.

2. **BID ITEM 2**: CONSTRUCT A NON-PRESSURIZED FIRE STORAGE AND FIRE PUMP SYSTEM (PER ATTACHED DRAWING),
   a. 30,000-GAL ABOVEGROUND STORAGE TANK FOR FIRE SUPPLY, WITH GALVANIZED STEEL CONSTRUCTION, ROOF AND CONCRETE FOUNDATION PER MANUFACTURER RECOMMENDATIONS.
   b. PACKAGE FIRE PUMP SYSTEM, WITH 500-GPM HIGH SERVICE PUMP, JOCKEY PUMP AND WEATHER-PROTECTIVE HOUSING.
   c. SITE PIPING AND APPURtenances FOR FIRE SERVICE UP TO 6” BACKFLOW PREVENTER FOR HOOKUP BY SITE CONTRACTOR
   d. FREEZE PROTECTION FOR CRITICAL COMPONENTS.
   e. SUFFICIENT ELECTRICAL POWER WITH BE SUPPLIED AT PUMP BY THE COUNTY
   f. COORDINATE ALL COMPONENTS AND ACTIVITIES WITH OTHER SITE, WELL, AND BUILDING CONTRACTORS.