

8-30-24

Answers to Bidder Questions:

**CONFIRM REVISED BID DUE DATE. SEPTEMBER 12, 2024 AT 2:00 PM**

New Recovery Well Design Posted 8-30-24

Confirm all steel materials are to be made in the USA. ***There is no requirement for steel materials to be made in the USA.***

Confirm each option casing, sounder tube, gravel tube ID.

***Gravel feed tube: 3.5" OD, 3.026"ID, 0.237" wall thickness***

***Sounding tube: 2.375" OD, 2.067"ID, 0.154" wall thickness***

***Source: Roscoe Moss Company***

Confirm Bid Bond is to be for the total of one well price. ***Bid bond to be provided for one 1,000' 24" well.***

Confirm borehole size for each casing option size.

***20" OD casing – 30" borehole – 36" OD conductor casing – 48" conductor borehole***

***24" OD casing – 34" borehole – 42" OD conductor casing – 48" conductor borehole***

Sounds panels are mentioned in the technical specifications but there is no line item in the bid schedule, please add. ***Will add line item in the bid schedule.***

Sounder tube is mentioned in the technical specifications but there is no line item in the bid schedule, please add. ***Will add line item in the bid schedule.***

Please specify site size allowed for drilling operations for each well site. ***See (Well 65 and Kingery site exhibit) (Well 64 site exhibit)***

Confirm the airlift and pump development water can be discharged onsite or near each site and is not required to be stored and hauled off. ***Airlift and pump development water will not be required to be stored and hauled off site.***

Confirm the drill cuttings and drilling mud can be discharged and spread on the Kingery site and not stored and disposed of off-site from all the well sites. ***Drill cuttings and drilling mud can be discharged and spread on the Kingery site and not stored and disposed of offsite from all the well sites.***

---

**1. Scope of Work.** The contractor will perform the following tasks in compliance with the Technical Specifications and funding agency requirements:

**1.1. Drilling Operations** for the described three wells.

**1.1.1.** Mobilize all necessary equipment and personnel to the site.

**1.1.2.** Drill, Develop, and Test three wells to the specified depths, ensuring adherence to the approved designs and Technical Specifications.

**1.1.3.** Install casing and screens as per the design specifications.

Description Wells	Qty	Cost	Total (\$)
55-620349 (Kingery), 55-607244 (RID 66)			





Furnish and Install 24" LCS Mill Slotted Well Casing	850 ft		
F & I 3.5" ID Schedule 40 ASTM A-53 Grade B Steel Gravel Tube	105 ft		
Furnish and Install Tacna 6 x 16 Gravel Pack Disinfection solution	142.3 Tons 25 gallons		
Furnish and Install Annular Seal Neat cement seal Bentonite seal Transition sand seal	8.2 cu yds 63.3 cu ft 3,163 lbs		
Development by Swabbing and Airlifting F & I Dispersant Dry swab to Agitate	75 hours 42 gallons 24 hours		
Furnish, install, and remove test pump	1		
Development by Pumping and Surging	180 hours		
Discharge set-up for Step-Drawdown and Constant Rate Pumping Test Water	132 hours		
Discharge for Step-Drawdown and Constant Rate Pumping Test Water	1		
Plumbness and Alignment Test and Gyroscopic Survey	1		
As-Built Video Log	1		
Disinfect Well, Furnish and Install Temporary Cap	1		
Provide Sound Barriers per Specifications	300		
Provide Sounding Tube per Specifications (125 ft blank, 675 ft slotted)	1		
		<b>Total:</b>	

Description Wells	Qty	Cost	Total (\$)
<b>WELL - 700' x 20" LCS (Figure 3)</b>			
Mobilization & Demobilization	1		
Surface Casing Construction	1		
Drill Minimum 17.5" Pilot Borehole	700		
Pilot Hole Geophysical Logging	1		
Ream Pilot Hole – 30-inches	700		
Reamed Pilot Hole Geophysical Logging	1		

Furnish and Install 20" LCS Blank Steel Well Casing	150 ft		
Furnish and Install 20" LCS Mill Slotted Well Casing	550 ft		
F & I 3.5" ID Schedule 40 ASTM A-53 Grade B Steel Gravel Tube	105 ft		
Furnish and Install Tacna 6 x 16 Gravel Pack Disinfection (lump sum)	81.8 tons 15 gallons		
Furnish and Install Annular Seal Neat cement seal Bentonite seal Transition sand seal	7.1 cu yds 54.4 cu ft 2,727 lbs		
Development by Swabbing and Airlifting F & I dispersant Dry swab to Agitate	50 hours 20 gallons 24 hours		
Furnish, install, and remove test pump	1		
Development by Pumping and Surging	120		
Conduct 12-Hour Step Test and 120-Hour Constant Rate Pumping Test	132		
Discharge for Step-Drawdown and Constant Rate Pumping Test Water	1		
Plumbness and Alignment Test and Gyroscopic Survey	1		
As-Built Video Log	1		
Disinfect Well, Furnish and Install Temporary Cap	1		
Provide Sound Barriers per Specifications	300		
Provide Sounding Tube per Specifications (125 ft blank, 675 ft slotted)	1		
		<b>Total:</b>	

Description Wells	Qty	Cost	Total (\$)
<b>WELL - 800' x 20" LCS (Figure 2)</b>			
Mobilization & Demobilization	1		
Surface Casing Construction	1		
Drill Minimum 17.5" Pilot Borehole	800		
Pilot Hole Geophysical Logging	1		
Ream Pilot Hole – 30-inches	800		
Reamed Pilot Hole Geophysical Logging	1		



