



Ten X Residential Housing Project – Request for Proposal

WATER CAMPUS & LIFT STATION

Date: 10/8/2018
Project: Ten X Residential Housing Project
Location: Tusayan, AZ
Activity: WATER CAMPUS & LIFT STATION
Bid Due Date: **Friday, October 19th, 2018 by 5 pm MST**

Project Info

The TenX Water Campus is designed to support the Tusayan TenX Residential Housing development by providing the necessary infrastructure for water storage, pumping, wastewater collection, treatment and disposal, reclaimed storage and pumping. Construction and testing will be according to the Arizona Department of Environmental Quality (ADEQ) requirements.

The Project area is located on a 20-acre parcel approximately three miles east of Highway 64 along Forest Road 302 in the Town of Tusayan, Coconino County. The proposed development will consist of up to 34 single-family units and 28 townhomes at buildout.

If you are interested in bidding this Project, please contact James Kelton to receive the necessary invite to Procure in order to download the drawings. All proposals must be submitted to the email address listed below.

Email: james.kelton@premierbuilders.com

Phone: (520) 293-0300 ext. 139



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WATER CAMPUS & LIFT STATION

ALL PLANS, SPECS AND DESIGNS SHALL ADHERE TO THE 2012 INTERNATIONAL BUILDING CODE.

A. Scope of Work

The selected contractor shall furnish all labor, materials, and equipment for the following:

- a. Finished 2,500 sq. ft. steel manufactured building including all amenities per plans and specifications.
- b. 100,000-gallon potable reservoir and 70,000-gallon reclaimed reservoir per AWWA standards including tank mixers and heaters.
- c. (2) Two 25,000-gallon concrete septic tanks, flow splitter manhole, and accessories
- d. 630 gpm 3-pump prefabricated reclaimed booster station, electric and controls, bladder tank, flow meter, valves and appurtenances.
- e. 150 gpm 3-pump prefabricated potable booster station, electric and controls, bladder tank, flow meter, valves and appurtenances.
- f. Potable water tablet feed chlorinator including piping and valves, static mixer, electric and appurtenances.
- g. Reclaimed water table feed chlorinator including piping and valves, static mixer, electric and appurtenances.
- h. Installation of offsite influent duplex lift station including controls, masonry wall and 12' gate. Secondary effluent duplex lift station including wet well, (2) two 70-gpm pumps, valves, electric and controls, sand filters/MOVs, chlorine contact chamber, PLC, and custom programming.
- i. Potable water reservoir tablet feed chlorinator with analyzer including electric and control, valves and appurtenances.
- j. Onsite piping for potable and reclaimed water stubbed 5-feet outside wall.
- k. Orenco AdvanTex 15,000 gpd prepackaged wastewater treatment plant.
- l. (2) Two on-sight light poles.
- m. Piping and connections for water truck and sewage haul off.
- n. Contractor shall provide: survey and geotechnical testing, all ADEQ required testing, construction water for testing and filling of reservoirs, excavation and over-ex, final site grading including 4-inch of compacted ABC with 2-inches of gravel, electric and control, Contractor shall all provide all licenses, applicable taxes, insurance, bonds, and site contingencies.



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B. Add Alternates

- a. 250 kW generator and automatic transfer switch.
- b. Power to offsite influent lift station.

ALL PROPOSALS MUST INLCUDE A TIMELINE FOR PROCURMENT OF ALL NECESSARY COMPONENTS.
PROPOSALS THAT DO NOT INLCUDE A TIMELINE WILL NOT BE CONSIDERED FOR AWARD.

C. Attachments

1. Drawing Log (**Exhibit "A"**).
2. Geotechnical Engineering Study, *Dated March 27, 2018* (**Exhibit "B"**).
3. Insurance Requirements (**Exhibit "C"**).



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EXHIBIT “A”

DRAWING LOG

Drawing No.	Drawing Title	Rev. No.	Drawing Date
1	10X RANCH WATER PLANT COVER SHEET	60%	9/20/2018
2	10X RANCH WATER PLANT SITE LAYOUT AND GRADING PLAN	60%	9/20/2018
3	10X RANCH WATER PLANT SITE PIPING PLAN	60%	9/20/2018
4	10X RANCH WATER PLANT BUILDING PIPING PLAN	60%	9/20/2018
5	10X RANCH WATER PLANT HORIZONTAL CONTROL SHEET	60%	9/20/2018
6	10X RANCH NEW WATER CAMPUS POTABLE RESERVOIR DETAIL SHEET	60%	9/20/2018
7	10X RANCH NEW WATER CAMPUS RECLAIM RESERVOIR DETAIL SHEET	60%	9/20/2018
8	TOWN OF TUSAYAN NEW WATER CAMPUS RESERVOIR DETAIL SHEET	60%	9/20/2018
9	10X RANCH WATER PLANT POTABLE BOOSTER STATION DETAIL SHEET	60%	9/20/2018
10	10X RANCH WATER PLANT RECLAIM BOOSTER STATION DETAIL SHEET	60%	9/20/2018
11	10X RANCH WATER PLANT LIFT STATION DETAIL SHEET	60%	9/20/2018
12	10X RANCH WATER PLANT CHLORINE ROOM DETAIL SHEET	60%	9/20/2018
13	10X RANCH WATER PLANT DETAIL SHEET	60%	9/20/2018
14	10X RANCH WATER PLANT DETAIL SHEET	60%	9/20/2018
15	WASTEWATER TREATMENT PLANT CONSTRUCTION DRAWINGS HYDRAULIC PROFILE SHEET	60%	9/20/2018
E01	10X RANCH ELECTRICAL COVER SHEET	60%	9/21/2018
E02	10X RANCH REMOTE LIFT STATION PLAN	60%	9/21/2018
E03	10X RANCH WATER PLANT ELECTRICAL SITE PLAN	60%	9/21/2018
E04	10X RANCH WATER PLANT BUILDING POWER PLAN	60%	9/21/2018
E05	10X RANCH WATER PLANT BUILDING LIGHTING PLAN	60%	9/21/2018
E06	10X RANCH WATER PLANT SINGLE LINE DIAGRAM	60%	9/21/2018
E07	10X RANCH WATER PLANT LOAD CALCULATION & SCHEDULES	60%	9/21/2018
E08	10X RANCH ELECTRICAL DETAILS	60%	9/21/2018
I01	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 1	60%	9/21/2018
I02	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 2	60%	9/21/2018
I03	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 3	60%	9/21/2018
I04	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 4	60%	9/21/2018
I05	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 5	60%	9/21/2018
I06	10X RANCH PROCESS & INSTRUMENTATION DIAGRAM - 6	60%	9/21/2018
LS1	10X RANCH LIFT STATION PLANS	60%	9/12/2018
LS2	10X RANCH LIFT STATION SITE LAYOUT	60%	9/12/2018
LS3	10X RANCH LIFT STATION PLAN AND SECTION	60%	9/12/2018
LS4	10X RANCH LIFT STATION DETAILS	60%	9/12/2018



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EXHIBIT "B"

GEOTECHNICAL ENGINEERING STUDY



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EXHIBIT "C"

INSURANCE REQUIREMENTS