## 1.04 DESIGN CRITERIA FORM



## Romtec Utilities has designed this Scope of Supply and Design Submittal based on the following information provided by:

Date:	1/17/2017		
Project Name:	RCEC Demin #2		
Information here in provided by:	Advisian		
Name:			
Email Address:			

## **DESIGN CRITERIA**

Telephone:

Project Site Address:

CAD site plan available at this time?

Final Project Owner and/or Operator:

Governing Sewer or Water Authority:

Does Authority have a lift station standard?

Does this project require "Buy America"

materials?

Source of Water: Water Type:

Hayward, CA No Yes No N/A CalPine Energy Center CalPine Energy Center N/A No Yes No No N/A Yes No **Power Plant** 

Demineralized Water

3. WHAT IS THE FORCE MAIN LENGTH?

2. WHAT IS THE FINISH GRADE ELEVATION AT THE WET WELL?

WHAT IS THE FORCE MAIN DISCHARGE ELEVATION?

WHAT IS THE INFLUENT SEWER ELEVATION?

WHAT IS THE INFLUENT SEWER ELEVATION?

ote: The drawing above represents elevations. It does not reflect the design of the lift station.						
Peak design inflow (max flow to lift station):	?	g.p.m.		<del></del> _		
Pumping Rate:	1350	g.p.m. @15 ft. T	<sup>-</sup> DH			
Influent sewer elevation:	5.69	ft.				
Finish grade elevation at wet well:	10	ft.				
Force main length:	?	ft.				
Force main discharge elevation:	?	ft.				
Force main diameter:	?	in. inside dia.				
Force main material (PVC, DI, etc.):	?					
Force Main is:	New	<u>New</u>	<u>Existing</u>			
Force Main Discharge (manhole, pressure force main, etc.) ?						
Standby generator:	N/A	<u>Permanent</u>	<u>Portable</u>	<u>N/A</u>		
Generator fuel:		<u>Diesel</u>	Natural Gas			
Power Supply:	480V	<u>480V</u>	<u>240V</u>	<u>208V</u>		
Power Supply:	<u>Three-Phase</u>	<u>Three-Phase</u>	Single-phase			
Is the lift station a classified space?	<u>No</u>	<u>Yes</u>	<u>No</u>			
	Peak design inflow (max flow to lift station): Pumping Rate: Influent sewer elevation: Finish grade elevation at wet well: Force main length: Force main discharge elevation: Force main diameter: Force main material (PVC, DI, etc.): Force Main is: Force Main Discharge (manhole, pressure force m Standby generator: Generator fuel: Power Supply: Power Supply:	Peak design inflow (max flow to lift station):  Pumping Rate:  1350  Influent sewer elevation:  5.69  Finish grade elevation at wet well:  force main length:  Force main discharge elevation:  Force main diameter:  Force main material (PVC, DI, etc.):  Force Main is:  New  Force Main Discharge (manhole, pressure force main, etc.)  Standby generator:  Generator fuel:  Power Supply:  480V  Three-Phase	Peak design inflow (max flow to lift station):  Pumping Rate:  Influent sewer elevation:  Finish grade elevation at wet well:  Force main length:  Force main discharge elevation:  Force main diameter:  Force main material (PVC, DI, etc.):  Force Main is:  New  New  New  Standby generator:  Generator fuel:  Power Supply:  Power Supply:  Pinish grade elevation:  10 ft.  10	Peak design inflow (max flow to lift station):  Pumping Rate:  1350 g.p.m. @15 ft. TDH  Influent sewer elevation:  5.69 ft.  Finish grade elevation at wet well:  10 ft.  Force main length:  Force main discharge elevation:  Force main diameter:  Force main material (PVC, DI, etc.):  Force Main is:  New  New  New  Existing  Force Main Discharge (manhole, pressure force main, etc.)  Standby generator:  Generator fuel:  Power Supply:  Three-Phase  Three-Phase  Single-phase	Peak design inflow (max flow to lift station):  Pumping Rate:  1350 g.p.m. @15 ft. TDH  Influent sewer elevation:  5.69 ft.  Finish grade elevation at wet well:  10 ft.  Force main length:  Force main discharge elevation:  7 ft.  Force main diameter:  7 in. inside dia.  Force main material (PVC, DI, etc.):  Force Main Discharge (manhole, pressure force main, etc.)  Standby generator:  N/A Permanent Portable N/A Generator fuel:  Power Supply:  Three-Phase Three-Phase Single-phase	