5.02 LIFT STATION DESIGN CRITERIA FORM

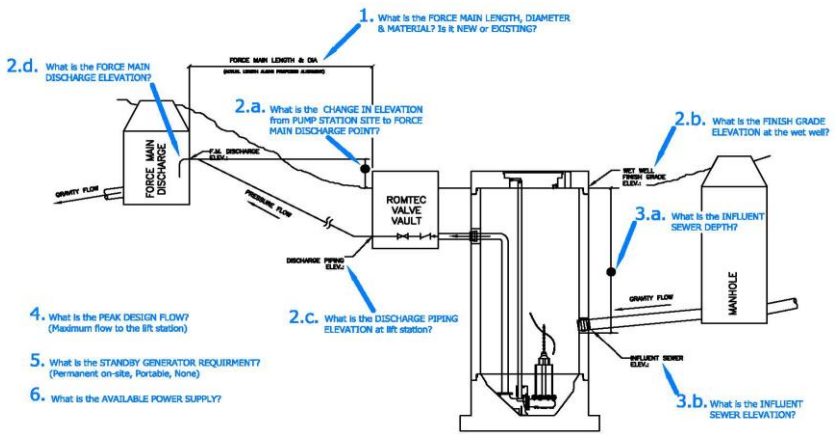
Romtec Utilities has designed this Scope of Supply and Design Submittal based on the following information:

PART 1: PROJECT CONTACT INFORMATION

Date: 5/5/2017

Information here in provided by:	City of Santa Ana				
Company/Agency Type:	Gov.	Engineer	Developer	Gov.	Other
First Name:	Tyrone				
Last Name:	Chesanek				
Email Address:	tchesanek@santa-ana.org				
Telephone:	714-647-5045	Phone Ext:			
Project Name:	Santa Ana Delhi				
Your Client for this project is:	Public Agency	Public Agency	Private Co.		
Project Site Address:	Unknown				
	Santa Ana, CA			Project Zip:	
Is site plan drawing available at this time?	No	Yes	No	N/A	
Project Engineer:	Joseph Long, AECOM				
Reviewing Entity:	City of Santa Ana				
Final Project Owner and/or Operator:	City of Santa Ana				
Governing Sewer or Water Authority:	City of Santa Ana				
Does Authority have a lift station standard?	No	Yes	No	N/A	
"Buy America" materials requirement?	No	Yes	No	N/A	

PART 2: DESIGN DATA



1. Force main length:	8600 ft.				
Force main diameter (inside):	14 in. inside dia.				
Force main material (PVC, DI, etc.):	PVC C905 DR32.5				
Force Main is:	New	New	Existing		
Force Main Discharge (manhole, etc.)	Unknown				
Source of Water:	Stormwater System				
Water Type:	Stormwater				
2.a Elevation change from lift station site to force main discharge point:	9 ft.				
2.b Finish grade elevation at wet well:	25 ft.				
2.c Discharge piping centerline elevation at lift station:	20 ft.				
2.d Force main discharge elevation:	34 ft.				
3.a Influent sewer depth:	27.5 ft.				
3.b Influent sewer elevation:	-2.5 ft.				
4. Peak design inflow (maximum flow to lift station):	1347 g.p.m.				
5. Pumping Rate: **(GREATER THAN PEAK INFLOW)**	1360				
6. Standby generator requirement:	None	Permanent	Portable	None	
7. Available power supply:	208V	208V	240V	480V	
	3-phase	Single-phase	3-phase		
Is this lift station considered a classified space?	No	Yes	No		