

## **RFI FORM**

<b>RFI (REQUEST FOR INFORMATION)</b>			
<b>PROJECT NO.:</b>	605-15-351	<b>RFI NO.:</b>	
<b>PROJECT NAME:</b>	Steam Distribution Deficiencies Loma Linda VA	<b>DATE REQUESTED:</b>	
<b>SOLICITATION NO.:</b>	36C25818R0217	<b>REFERENCE:</b>	Response to RFI 1 & 2
<b>DRAWING:</b>	N/A	<b>SPECIFICATION SECTION:</b>	N/A
<b>DESCRIPTION OF PROBLEM OR INFORMATION BEING REQUESTED</b>			
<p>The VA Master Construction Specification does not provide the necessary Steam Monitoring information we would anticipate seeing in project plans and/or project specific specifications package. With the documents provided to date, the contractor requirements of the steam trap monitoring system is incomplete. Please see below.</p> <p>RFI response #002 requests 190 wireless transmitters to be furnished and installed by contractor. Are we to assume there is an existing monitoring system infrastructure that is in working condition and includes Repeater(s), Gateway, and front end?</p> <p>Does the current monitoring system include a large enough RF repeater grid or will the contractor be required to perform a new RF survey and install new repeaters to support the additional 190 wireless transmitters?</p> <p>Is there an existing gateway device (i.e. Armstrong SteamEye Gateway) that the new transmitters will communicate back to? Or is this to be provided by Contractor?</p> <p>Is the monitoring system currently running on any front-end such as SteamStar(will be obsolete May 1, 2019), SAGE, or integrated into the BAS? If not, who is responsible for providing this and what are the requirements?</p> <p>The trap schedule does not provide steam supply (Constant / Modulating) for each trap which would determine whether to bid URFC or URFM transmitters and if a pressure switch and pressure switch connection will be required.</p>			
<b>PROJECT MANAGER'S RESPONSE</b>			

No RF survey to be performed. Existing gateway device is D6687, Rec4000m Gateway SteamEye. Monitoring system is currently running on SteamStar. See attached additional steam trap schedule with supply notes. Contractor to provide all new SteamEye transmitters, to include pressure switch and pressure switch connections.

**TRACKING NO.:**

**AMENDMENT NO.:**

**VA PROJECT ENGINEER/MANAGER:**

**DATE:**









D

C

B

A

Identified on Plan Sheets?	Tag #	Location (Existing Steam Trap to be Replaced and Monitored)	Manufacturer	Model	MOP	Connection Size	Pressure In
Yes	3459	Above Kitchen	SAR	FT14	65 psig	3/4"	30.0
Yes	3460	Above Kitchen, Drop for PRV	SAR	FT14	65 psig	3/4"	30.0
Yes	3461	Above Kitchen, Heat Exchanger	BAR	1308	70 psig	1"	30.0
No	3462	Above Kitchen, End of Line	SAR	B1X	75 psig	3/4"	70.0
Yes	3463	Above Sterilizer	SAR	B1X	75 psig	3/4"	70.0
Yes	3464	Above Sterilizer	SAR	FT14	125 psig	3/4"	70.0
Yes	3465	Above Sterilizer	SAR	B1X	75 psig	3/4"	70.0
Yes	3554	Interstitial, Above 1st Floor, Off Service Bay 2, Near L10 Beam	YAR	760	600 psig	3/4"	10.0
Yes	3555	Interstitial, Above Animal Research Cage Wash	WAT	WFT-125	125 psig	3/4"	70.0
No	3556	Interstitial, Above Cart Wash	SAR	TD42H	600 psig	3/4"	70.0
Yes	3557	Interstitial, Above 1st Floor, By L16 Beam	SAR	B1H	75 psig	3/4"	70.0
No	3558	Interstitial, Above 3rd Floor	YAR	760	600 psig	3/4"	70.0
Yes	3559	Interstitial, Above 3rd Floor, Off Service Bay 5 (?), Next to OR HVAC Traps	SAR	B1X	75 psig	3/4"	70.0
Yes	3560	Interstitial, Above 3rd Floor, Off Service Bay 5 (?), By Beam 18	YAR	760	600 psig	3/4"	70.0
Yes	3561	Interstitial, Above 3rd Floor, End of Line, Off Service Bay 3	SAR	B1X	75 psig	3/4"	70.0
Yes	3565	Interstitial, ER Humidifier	SAR	FT75	75 psig	3/4"	10.0
No	3851	Interstitial, Upstairs from Service Bay 4	SAR	TD42H	600 psig	3/4"	70.0
No	3852	Interstitial, Upstairs from Service Bay 4	SAR	TD42H	600 psig	3/4"	70.0
Yes	3403	HVAC Room Above 3rd Floor, Operating Room 7 HVAC	HOF	FT030H	30 psig	3/4"	10.0
Yes	3404	HVAC Room Above 3rd Floor, Operating Room 7 HVAC	HOF	FT030H	30 psig	3/4"	10.0
Yes	3405	HVAC Room Above 3rd Floor, End of Line Drip	SAR	B1H	75 psig	3/4"	70.0
Yes	3406	HVAC Room Above 3rd Floor, Operating Room 5 HVAC	MEP	40-215A	15 psig	3/4"	10.0
Yes	3407	HVAC Room Above 3rd Floor, Operating Room 5 HVAC	HOF	FT015H	15 psig	3/4"	10.0
Yes	3408	HVAC Room Above 3rd Floor, Operating Room 4 HVAC	MEP	40-215A	15 psig	3/4"	10.0
Yes	3409	HVAC Room Above 3rd Floor, Operating Room 4 HVAC	HOF	FT015H	15 psig	3/4"	10.0
Yes	3410	HVAC Room Above 3rd Floor, Operating Room 3 HVAC	MEP	40-215A	15 psig	3/4"	10.0
Yes	3411	HVAC Room Above 3rd Floor, Operating Room 1 HVAC	MEP	40-125A	15 psig	3/4"	10.0
Yes	3412	HVAC Room Above 3rd Floor, Operating Room 2 HVAC	MEP	40-125A	15 psig	3/4"	10.0
Yes	3413	HVAC Room Above 3rd Floor, Operating Room 2 HVAC	SAR	B1X	75 psig	3/4"	70.0
Yes	3414	HVAC Room Above 3rd Floor	SAR	B1X	75 psig	3/4"	70.0
Yes	3415	HVAC Room Above 3rd Floor	SAR	B1X	75 psig	3/4"	70.0
Yes	3416	HVAC Room Above 3rd Floor	SAR	B1X	75 psig	3/4"	70.0

NOTE:

THESE EXISTING STEAM TRAPS ARE TO BE REPLACED WITH NEW STEAM TRAPS AND TO PROVIDE WITH WIRELESS MONITORING SYSTEM. REFER TO SHEET M-101 THRU M-142 FOR LOCATION OF THESE STEAM TRAPS. REFER TO SHEET M1004 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND MECHANICAL WORK REQUIREMENTS. CONTRACTOR SHALL SCHEDULE REPLACEMENTS AND NEW WORK WITH HOSPITAL REPRESENTATIVE 2-WEEKS IN ADVANCE.



100% FINAL SUBMITTAL



1	2	3	4	5	6	7	8	9	10	11	12	13	14	APPR.	DATE

U.S. ARMY ENGINEER DIVISION  
CORPS OF ENGINEERS  
LOS ANGELES, CALIFORNIA

HDR Engineering, Inc.  
1001 NEW HALLS DRIVE  
DOWNEY, CA 90241  
(800) 388-3000

DESIGNED BY:  
K. CHEUNG, PE

CHK BY:  
THK

SUBMITTED BY:  
K. CHEUNG, PE

PLotted SCALE:  
AS NOTED

DATE:  
5/27/2010

FILE NAME:  
121248M-604xxx.dwg

DATE:  
5/27/2010

SOLICITATION NO.:  
W01PPL-09-00033

CONTRACT NO.:  
W01PPL-09-00033

FILE NUMBER:  
VA605-09-303PLAN

BOILER REPLACEMENT  
VA Loma Linda Healthcare System  
(Jerry L. Pettis Memorial Hospital)  
Loma Linda, California

STEAM TRAP REPLACEMENT SCHEDULE