

**Q & A for Project #671-15-106, Install Steam Line Insulation Covers, VA257-15-B-0120**

**Q 1.** We were notified about a change in FBO dated January 20, 2015 @ 3:32 pm. What was the change? As all attachments were previously submitted there was nothing new.

**A 1.** The change was to extend the Archive Date from January 21, 2015 to April 21, 2015.

**Q 2.** During the site visit it was noticed that some steam lines that were specified in the pictures from the solicitation package were insulated and completed by others. Are we still to include them in the proposal for bid?

**A 2.** Please remove work done my others. Remove insulation work to be done in photo # 61. Also remove all work at Audie L. Murphy Division.

**Q 3.** . The hours of operations we are proposing to work will be Monday – Friday at 10 hour days. Will that be acceptable should we be awarded the project?

**A3.** Yes a ten hour 10 day in acceptable.

**Q 4.** In the SOW page 2 / B. Additional Alternative 1 / 3. States “drawings of the existing conditions and location of riser shutoff will be provided.” The solicitation does not provide any drawings for Kerrville or ALMD. Please provide available drawings for bid purposes.

**A 4.** Sorry the VA does not have any existing drawing of the Kerrville boiler plant that show the layout

**Q 5.** There are two items that require a quantity and size for insulation. Are these quantities and sizes available for estimating purpose?

**A 5. Yes**

Kerrville	19	1	Miscellaneous Piping	14 thur 24	600 ft	varies	n/a	ASJ	size of pipe varies include Removable Insulation for Isolation valves. Install R type insulation up to flanged end of valve
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300ft of 3" ASJ and 300ft of 6" ASJ

Kerrville	18	1	Miscellaneous Piping	67 thur 79	500ft		varies	n/a	ASJ	
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500ft of 3" ASJ

671-15-106 Install Steam Line Insulation Covers General Requirements

										R = Removeable Insulation; CSMJ = calcium silicate with metal jack ASJ = Fiberglass pipe insulation with ASJ facing
Site	Building	Floor	Location	Photo	Length (in)	Width (in)	Radius (in)	Qty	Insulation type	Note
Kerrville	19	1	Thermal Oil Coil (steam Generators end plate)	1 thru 3 & 27	26	17	26	3	R	
Kerrville	19	1	Thermal Oil Coil (steam Generators 90° elbow)	4			6	3	R	
Kerrville	19	1	Heater Coil header Outlet	5 & 34			4	3	R	
Kerrville	19	1	Heater Coil header Inlet	5, 6, 7 & 37			4	3	R	
Kerrville	19	1	Thermal Heater Oil Pre Heat Line	8			2	3	R	Insulated already needs new appropriate rated insulation of 450 - 500 °F
Kerrville	19	1	Piping and 90° elbow	9	60		4	3	R	
Kerrville	19	1	Check valve	10 & 35			4	3	R	
Kerrville	19	1	Thermal Heater Flex Piping	11	24		3	3	R	
Kerrville	19	1	nipples and fitting on boiler	12			1	21	R	size vary from 1/2" to 1"
Kerrville	19	1	Non Return Valves (Stop Check Valve)	13 & 46			3	3	R	
Kerrville	19	1	Miscellaneous Piping	14 thru 24	600 ft		varies	n/a	ASJ	size of pipe varies include Removeable Insulation for Isolation valves. Install R type insulation up to flanged end of valve
Kerrville	19	1	Hospital Main Steam Header	14 thru 24	n/a		6	8	R, ASJ	R type for valves and ASJ for piping in this area.
Kerrville	19	1	Condensate Return	47	36		1.25	3	ASJ	
Kerrville	19	1	Feedwater Pipe	26	12		4	3	CSMJ	
Kerrville	19	1	Oil Supply Line	31	12	12	3	3	CSMJ	Install R type insulation for 3" check valve
Kerrville	19	1	Main Hospital Steam Line (valve)	32 & 33	36		4	1	R	Up high near the ceiling
Kerrville	19	1	Pump	36	60		6	3	R	
Kerrville	19	1	Modulating Valve	42	12	18		3	R	
Kerrville	19	1	Misc Fittings	39	12		3	20	R	locations very high near the ceiling
Kerrville	19	1	Low Water Cut Out	43	300		0.5	3	R	
Kerrville	19	1	High Water Cut Out	44	12		2	3	R	
Kerrville	19	1	End Cap Hand Hole	25 & 45	14	18		3	R	
Kerrville	19	1	Small Economizer Pumps	48	12	12		3	R	
Kerrville	19	1	Orifice Assy	49	12		4	1	R	
Kerrville	19	1	Pressure Reducing Station	50	72		4	1	R	
Kerrville	19	1	Blend Condensate Tank	51	6		36	1	ASJ	
Kerrville	11	1	Reheat Supply Pump	56	120		4	2	R	
Kerrville	11	1	Reheat Valve Mech Room	57	24		12	1	R	
Kerrville	11	1	Condensate Line	58	96		1	1	ASJ	
Kerrville	11	1	Condensate Line	59	1020		1	1	ASJ	
Kerrville	11	1	Condensate Pump	60	48		18	1	R	
Kerrville	18	1	PRV system	61	18		5	5	R	
Kerrville	11	1	Steam Line to Domestic HW	63 & 64	48		1.5	2	ASJ	
Kerrville	11	1	Steam Line	65	144		1.5	1	ASJ	
Kerrville	11	1	Condensate Tank	66	18		18	1	ASJ	
Kerrville	18	1	Miscellaneous Piping	67 thru 79	500ft		varies	n/a	ASJ	
Kerrville	18	1	Miscellaneous valves	67 thru 79			4"	5	R	Qty and size is for BID purposes only verify exact Qty and Size
ALMD	1	PS	PVR System					5	R	Qty and size is for BID purposes only verify exact Qty and Size