REQUEST FOR INFORMATION (RFI) VA250-17-B-0691

PROJECT NUMBER:	506-329	Please ensure that before submitting questions or requests for clarification
PROJECT TITLE:	Clinical Support and Admin Bldg.	that you thoroughly read the solicitation, specifications, drawings and other pertinent documents. When submitting questions on this project the
PROJECT LOCATION:	Department of Veterans Affairs Ann Arbor VAMC 2215 Fuller Rd. Ann Arbor, MI 48105	Government requires contractors to specifically identify the specification and/or solicitation section(s) or drawing number(s) in reference to the question or request for clarification submitted. No question or request for clarification will be answered by the Government unless the above requirements are met. Failure to comply may prevent the Government from responding in a timely manner.

SUBMITTED BY:		City/State:	
PHONE NO.:	•		

TO: Contracting Specialist Richmond McCloud Richmond.McCloud@va.gov

RFI NO.: 1	DATE: 08/07/17	REFERENCE:	23 36 00 Air Terminal
REPLY NEEDED BY:			Units

INFORMATION NEEDED:

Hello. For past projects at VA Ann Arbor the specs have required Siemens to provide their factory pre-packaged ZCU Air Terminal Units. I did not see them listed in the spec or schedule this time. Will those be a requirement for this project as well. And if yes please issue an addendum stating such. Thank you, John McCormick

REPLY:

This project only requires that Siemens controls be provided on the terminal units to be installed on this project. There is no requirement for the terminal units themselves to be a Siemens product. Any terminal unit complying with the specifications and equipment schedules is acceptable.

REPLY FROM: SSOE, Inc	DATE: 8-14-17	_
ATTACHMENTS:	COPY TO:	

REQUEST FOR INFORMATION (RFI) VA250-17-B-0691

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SUBMITTED BY:	City/State:	
PHONE NO.:		

TO: Contracting Specialist Richmond McCloud Richmond.McCloud@va.gov

RFI NO.: 2	DATE:08/09/2017	23 36 00 Air Terminal
REFERENCE: REPLY NEEDED BY:		Units

INFORMATION NEEDED:

Hello - Can this info be provided for FPVAV Boxes and Terminal VAV's? Entering Water Temp, Leaving Water Temp, Entering Air Temp and Leaving Air Temp. Thank You

- 1) EWT (Entering water temperature)
- 2) LWT
- 3) EAT
- 4) LAT

REPLY:

- 1) EWT is 140 deg F
- 2) LWT will vary based on scheduled flow rate and capacity required.
- 3) EAT is 60 deg F
- 4) LAT will vary based on the scheduled air flow and capacity required.

REPLY FROM: SSOE, Inc	DATE: 8-14-17
ATTACHMENTS:	COPY TO:

	REQUEST FOR INFOR VA250-17-B-	
PROJECT NUMBER:	506-329	Please ensure that before submitting questions or requests for clarification
PROJECT TITLE:	Clinical Support and Admin Bldg.	that you thoroughly read the solicitation, specifications, drawings and other pertinent documents. When submitting questions on this project the
PROJECT LOCATION:	Department of Veterans Affairs Ann Arbor VAMC 2215 Fuller Rd. Ann Arbor, MI 48105	Government requires contractors to specifically identify the specification and/or solicitation section(s) or drawing number(s) in reference to the question or request for clarification submitted. No question or request for clarification will be answered by the Government unless the above requirements are met. Failure to comply may prevent the Government from responding in a timely manner.
SUBMITTED BY:		
PHONE NO.:		
TO: Contracting Specialist Rich Richmond.McCloud@va.g	ov	
RFI NO.: 1	DATE: 07/31/2017	REFERENCE: Drawings
REPLY NEEDED BY:		
INFORMATION NEEDED: Drawing PL500 – Plumbing Scheden	ules (Page 96 of 145) is missing fro	m the drawings?
REILI;		
See attached drawing PL500.		

REPLY FROM: DATE:

ATTACHMENTS: COPY TO:

							GAS	S DEMANI	O SCHED	ULE						
MARK	DESCRIPTION -	STEAM F	PIPE SIZE	CONDENSA	TE PIPE SIZE	STEAM	DEMAND	STEAM PI	RESSURE	NAT GAS	PIPE SIZE	NAT GAS	DEMAND	GAS PR	ESSURE	REMARKS
IVIARK	DESCRIPTION	IN	[mm]	IN	[mm]	LB/HR	[KG/HR]	PSIG	[kPa]	IN	[mm]	BTUH	[W]	PSIG	[kPa]	REIWARNS
B-01	HOT WATER HEATING BOILER		[]		[]		[]		[]	1.25	[31]	750,000	NA	14 WC	NA	
B-02	HOT WATER HEATING BOILER		[]		[]		[]		[]	1.25	[31]	750,000	NA	14 WC	NA	

						PLUME	BING SPE	CIALTIES	3						
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	CAPA	CAPACITY		PRESSURE INLET SIZE		OUTLET F	PRESSURE	OUTLE	ET SIZE	REMARKS	
					CU FT/HR	[L/HR]	PSIG	[kPa]	IN	[mm]	PSIG	[kPa]	IN	[mm]	
RPBP-1	SPRINKLERS - 007	ADMIN	DCW	REDUCED PRESSURE BACKFLOW PREVENTER		[]	82	[570]	3	[75]	67	[460]	3	[75]	
RPBP-2	SPRINKLERS - 007	ADMIN	DCW	REDUCED PRESSURE BACKFLOW PREVENTER		[]	82	[570]	3	[75]	67	[460]	3	[75]	
RPBP-3	MECHANICAL - 011	BOILERS	MECH NPW	REDUCED PRESSURE BACKFLOW PREVENTER		[]	50	[350]	1	[25]	38	[260]	1	[25]	
PRV-1	SPRINKLERS - 007	ADMIN	DCW	PRESSURE REDUCING VALVE		[]	67	[460]	3	[75]	52	[360]	3	[75]	SET PRV TO A MINIMUM OF 52 PSI
PRV-2	MECHANICAL - 011	BOILERS	MECH NPW	PRESSURE REDUCING VALVE		[]	38	[260]	1	[25]	23	[160]	1	[25]	COORDINATE WITH BOILER MANUFACTURER FOR WATER MAKE UP PRESSURE REQUIRED FOR BOILERS.

VA FORM 08-6231

							PLUM	IBING FIX	(TURE SC	CHEDULE				
MADIC	DESCRIPTION	WAST	ΓΕ PIPE	VEN:	T PIPE	COLD	WATER	НОТ У	WATER	WASTE	WATER	WRIST	ELECTRIC	DELIA DICO
MARK	DESCRIPTION	IN	[mm]	IN	[mm]	IN	[mm]	IN	[mm]	FIXTURE UNITS	FIXTURE UNITS	BLADE HANDLES	SENSOR	REMARKS
P-101	WATER CLOSET FLOOR MTD	3	[75]	2	[50]	1	[25]	-	[-]	4	10	N/A	YES	
P-106	WATER CLOSET TAN, FLOOR MTD	3	[75]	2	[50]	.375	[9]	-	[-]	4	5	N/A	YES	FLUSH TANK WITH LOCKING TANK
P-202	URINAL WALL HUNG	2	[50]	1.5	[38]	.75	[19]	-	[-]	2	3	N/A	YES	
P-422	LAVATORY	1.5	[38]	1.5	[38]	.375	[9]	.375	[9]	1	2	N/A	YES	FAUCET AND DRAINS, SOLID SURFACE
P-501	SERVICE SINK FLOOR MTD	3	[75]	1.5	[38]	.5	[13]	.5	[13]	2	4	N/A	NO	
P-502	SERVICE SINK FLOOR MTD CORNER	3	[75]	1.5	[38]	.5	[13]	.5	[13]	2	4	N/A	NO	
P-531	STAINLESS STEEL SINK SINGLE BOWL	1.5	[38]	1.5	[38]	.375	[9]	.375	[9]	3	2	N/A	NO	WITH WRIST BLADE HANDLES
P-604	ELECTRIC WATER COOLER	1.5	[38]	1.5	[38]	.375	[9]	-	[-]	.5	0.25	N/A	NO	PROVIDE WITH BOTTLE FILLER
P-801	WALL HYDRANT	-	[-]	-	[-]	.5	[13]	-	[-]	-	3	N/A	NO	
OS-1	OIL SEPARATOR	3	[75]	2	[50]	-	[-]	-	[-]	-	-	N/A	NO	2" INLET/ 3" WASTE OUTLET
TP-1	TRAP PRIMER	-	[-]	-	[-]	.5	[13]	-	[-]	-	-	N/A	NO	MECHANICAL ROOMS
TP-2	TRAP PRIMER	-	[-]	-	[-]	.5	[13]	-	[-]	-	-	N/A	NO	RESTROOMS
P-808	NON-FREEZE ROOF HYDRANT	1.5	[38]	-	[-]	.75	[19]	-	[-]	-	3	N/A	NO	
FD-C	FLOOR DRAIN	3	[75]	2	[50]	-	[-]	-	[-]	2	-	N/A	NO	RESTROOMS
FD-G	FLOOR DRAIN	4	[100]	2	[50]	-	[-]	-	[-]	2	-	N/A	NO	MECHANICAL ROOMS
FD-M	FLOOR DRAIN	4	[100]	3	[75]	-	[-]	-	[-]	2	-	N/A	NO	OIL INTERCEPTOR
FCO	FLOOR CLEAN OUT	-	[-]	-	[-]	-	[-]	-	[-]	-	-	N/A	NO	
COTG	CLEAN OUT TO GRADE	-	[-]	-	[-]	-	[-]	-	[-]	-	-	N/A	NO	
WHA-1	WATER HAMMER ARRESTOR	-	[-]	-	[-]	-	[-]	-	[-]	-	-	N/A	NO	SIZE TO MANUFACTURER'S REQUIREMENTS

								EXPAN	NSION TA	ANK SCH	EDULE								
			SY	STEM TEMPE	ERATURE RAN	NGE		RESSURE IN		PERATING	RELIFE VAL	VE PSIG [kPA]	MIN TANK	(VOLUME	MIN ACCE	PT VOLUME	PIPE SIZE	E TO TANK	
MARK	LOCATION	TYPE	N	MIN	M	AX	TA	ANK	PRES	SSURE	112121 7712	v	Will Trut	(VOLOWIE	IVIII V AGGET	1 VOLOME	1 11 2 3121		REMARKS
			°F	[°C]	°F	[°C]	PSIG	[kPa]	PSIG	[kPa]	PSIG	[kPa]	GAL	[L]	GAL	[L]	IN	[mm]	
HET-1	HAC - 119	POTABLE THERMAL EXPANSION TANK	60	[16]	140	[60]	50	[350]	80	[550]	100	[690]	15	[57]	10.5	[40]	.75	[19]	
HET-2	HAC - 218	POTABLE THERMAL EXPANSION TANK	60	[16]	140	[60]	50	[350]	80	[550]	100	[690]	15	[57]	10.5	[40]	.75	[19]	
HET-3	HAC - 318	POTABLE THERMAL EXPANSION TANK	60	[16]	140	[60]	50	[350]	80	[550]	100	[690]	15	[57]	10.5	[40]	.75	[19]	

							PLU	MBING	PUMP	SCHE	DULE											
									CIRCULA	TING FLUI	D							ELECT	RICAL MO	TOR		
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	FLUID	FL	.OW	HE	EAD	NPSH A	/AILABLE	TEMPE	RATURE	SP. GR.	MIN. %	NOMI POW	I	PHASE	VOLT	MAX	SPEED	REMARKS
			OLIVIOL		T LOID	GPM	[L/s]	FT	[kPa]	FT	[kPa]	°F	[°C]	Or . Or .	EFF	HP	[kW]	TTIAGE	VOLI	RPM	CONTROL	NEWARKO
SP-1	ELEVATOR - E1	ELEVATOR	SAN-P	SUMP	HYDRAULIC FLUID	50	[3]	25	[400]	NA	NA	140	[60]	1	70	0.5	[]	1	115	3500	CONSTANT	3/4 SOLIDS.
SP-2	SPRINKLERS - 007	BASEMENT	SAN-P	SUMP	STORM DRAINAGE	66	[4]	25	[400]	NA	NA	140	[60]			0.75	[1]	1	208	3500	VARIABLE	DUPLEX PUMP SYSTEM, 36 W" X 48 H" BASIN.
DHWP-1	HAC - 119	FIRST FLOOR	DHWR	RECIRC	DOMESTIC HOT WATER	2	[12]	10	[30]	NA	NA	140	[60]			0.16	[]	1	120	1725	CONSTANT	
DHWP-2	HAC - 218	SECOND FLOOR	DHWR	RECIRC	DOMESTIC HOT WATER	2	[12]	10	[30]	NA	NA	140	[60]			0.16	[]	1	120	1725	CONSTANT	

							ELECTR	IC WATE	R HEATER SCHED	ULE							
MARK	LOCATION	AREA AND/OR	SYSTEM AND/OR	TYPE	STORAGE	CAPACITY		RY @ 70 °F] RISE	TIME TO RECOVER	RELIEF VAL	VE SETTING	NO OF		ELECTIRO	CAL INPUT		DEMARKS
IVIARK	LOCATION	BLDG SERVED	SERVICE	ITE	GAL	[L]	GAL/HR	[L/HR]	CONTENTS, MINUTES	PSIG	[kPa]	ELEMENTS	TOTAL kW	kW PER ELEMENT	PHASE	VOLT	REMARKS
WH-1	HAC - 119	BASEMENT AND FIRST FLOOR	DOMESTIC HOT WATER	ELECTRIC	50	[190]	25	[95]	60	100	[690]	2	6000	3000	3	208	3/4" INLETS/ OUTLETS; INCLUDE TEMPERATURE RELIEF VALVES TO LIMIT DISCHARGE TO 130° F
WH-2	HAC - 218	SECOND FLOOR	DOMESTIC HOT WATER	ELECTRIC	50	[190]	25	[95]	60	100	[690]	2	6000	3000	3	208	3/4" INLETS/ OUTLETS; INCLUDE TEMPERATURE RELIEF VALVES TO LIMIT DISCHARGE TO 130° F
WH-3	HAC - 318	THIRD FLOOR	DOMESTIC HOT WATER	ELECTRIC	30	[110]	19	[72]	60	100	[690]	2	5000	2500	3	208	3/4" INLETS/ OUTLETS; INCLUDE TEMPERATURE RELIEF VALVES TO LIMIT DISCHARGE TO 130° F

BIDS SUBMISSION FULLY SPRINKLERED

7								Scale:
			CONSULTANTS:	ARCHITECT/ENGINEERS:	PLUMBING SCHEDULES	Project Title CLINICAL & ADMINISTRATIVE	Project Number 506-329	Office of
36100 M1				%SSOE®		BUILDING	Building Number 4	Construction and Facilities
	BIDS SUBMISSION 0	1-20-17		SSOE, Inc. 1050 Wilshire Drive, Suite 260 Troy, MI 48084 T 248-643-6222	Approved: Project Director	Location VA ANN ARBOR MEDICAL CENTER CAMPUS	Drawing Number PL500	Management
	SUBMISSION	1-15-16 te		Troy, MI 48084 T 248-643-6222 PROJECT #: 015-01361-00		Date Checked Drawn 01-20-17 SCHAFF HENSON	Dwg. 96 of 145	&

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Build (Build Clinic and Administration Building - 506-329	329
Representative Name	Company Name & Phone Number	Email:
1 Richmond McCloud	VA - Contracting 734-222-6174	richmond moderates and market
2 Jeff Means	Facilities	ioff moone and an analysis analysis and an analysis and an analysis and an analysis and an ana
3 FAITH DEDNES	COST TROUD	POLYA (M.C. POLYA)
4 MAH KOON	045	M Leaving Street Contraction C
5 Dan Weber	S 1	Con Constitution Con
6 GARY SMITH	- 1	Shippyelims contracting com
7 tul Lipper		CHICH SMITH TIE VH. GOV
8 ANDREW JONES	00	1000 100 100 100 100 100 100 100 100 10
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