SUBMITTAL REGISTER

EMERGENCY DEPARTMENT BUILDING 110B DESIGN VA MEDICAL CENTER HAMPTON, VIRGINIA

Prepared By:

BOWMAN FOSTER & ASSOCIATES, PC Consulting Engineers #4 Interstate Corporate Center, Suite 1 Norfolk, VA 23502-4118

> FINAL SUBMITTAL December 21, 2012 BFA Project No. 11-005BR VA Project No.: 590-11-401

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Title &	& Loc	ation	Submittal Re	Contracto	<u> </u>								CONTRACT N	UMBEF	R.		
			MENT BLDG 110B, VA MEDICAL CENTER, HAMPTON, VA	- John wold			_										
	NOL!	IOT DEI AITT	MENT BEBS 110B, VA MEDIOAE SERVER, HAMI TOR, VA							ntractor		_					
						Contra	actor Schedu	ile Dates	,	Action		App	proving Autho	rity			
Activity No.	Transmittal No.	Specification Section	Description of Item Submitted	Paragraph #	Classification Govt or A/.E Review	Submit	Approval Needed By	Material Needed By	Action Code	Date of Action	Date Fwd to Appr Auth — — Date Rod from Contr	Date FWD to other Reviewer	Date RCD from other Reviewer	Action Code	Date of Action	Mailed to Contr — Date Red from Appr Auth	Remarks
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
		01 57 19	Environmental Protection Plan	EP-5													
		01 74 19	Demolition Debris Management Plan	2.1													
			Designated Manager	1.5													
			Monthly Summary	3.3													
		05 50 00	Structural Steel	2.1A													
			Stainless Steel	2.1B													
			Steel Pipe	2.1C													
			Stainless Steel Tubing	2.1E													
			Hardware, Bolts and Fasteners	2.2													
			Wall Corner Guards	2.5													
		06 41 16	MANUFACTURER'S LITERATURE AND DATA														
			Wood Materials	2.1													
			High Pressure Decorative Laminate	2.3													
			Cabinet Hardware	2.7													
			Adhesive, caulks and sealants	2.9													
			Accessories	2.1													
			SHOP DRAWINGS														
			Reception Desk Mock-up	1.2D													
		07 21 13	MANUFACTURER'S LITERATURE AND DATA														
			Insulation	2.1													
			Adhesive	2.6													
			Таре	2.7													

			Submittal Re	gister									CONTRACT N	NUMBEI	R		
Title	& Loc	ation		Contracto	r												
EME	RGEN	ICY DEPART	MENT BLDG 110B, VA MEDICAL CENTER, HAMPTON, VA														
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		07 71 00	MANUFACTURER'S LITERATURE AND DATA Equipment supports	2.2													
		07 81 00	MANUFACTURER'S LITERATURE AND DATA														
			Manufacturer's application instructions	3.2													
			Manufacturer's repair and patching instructions	3.4													
			CERTIFICATES														
			Material fire rating	3.5													
			Manufacturer's material testing certificate	3.5													
			MISCELLANEOUS	0.0													
			Manufacturer's written approval - surfaces	1.4													
			Manufacturer's written approval - installation	1.4													
			Manufacturer's written approval - applicator	1.4													
		07 84 00	MANUFACTURER'S LITERATURE AND DATA														
			Firestopping installation instructions	2.1													
			System classification numbers	2.1													
			TEST REPORTS														
			ASTM E814 - systems not listed by FM, UL, WH	2.1													
		07 92 00	MANUFACTURER'S LITERATURE AND DATA														
			Manufacturer's installation instructions	2.1													
			Caulking compound	2.2													
			Primers	2.6													
			Sealant compound, each type	2.1													

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	08	3 11 13	MANUFACTURER'S LITERATURE AND DATA														
			Fire-rated doors and frames	2.2/2.3													
		;	Sound-rated door frames	2.2/2.3													
		ļ	Door Schedule	2.2													
	08	3 14 00	SAMPLES														
$\Box \top$,	Veneer	2.1B													
		,	SHOP DRAWINGS														
			Door Schedule	2.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Fire-rated doors	2.1D													
	08	3 11 13	MANUFACTURER'S LITERATURE AND DATA														
			Access doors	2.2, 2.3													
	08	3 41 13	SHOP DRAWINGS														
			Construction	2.2													
			MANUFACTURER'S LITERATURE AND DATA														
			Doors	2.1													
			Entrances and storefront construction	2.2													
	08 4	42 29.23	SHOP DRAWINGS														
			Door Schedule	2.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Doors and Frames	2.2/2.3													
				,													

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		08 52 00	SHOP DRAWINGS														
			Door Schedule	2.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Doors and Frames	2.1													
		08 71 00	MANUFACTURER'S LITERATURE AND DATA														
			Hardware Schedule	Section 2													
		08 80 00	MANUFACTURER'S LITERATURE AND DATA														
			Glass	2.1-2.6													
			Installing glass units	3.3													
		09 06 00	SHOP DRAWINGS														
			Finishes Schedule	Section 2													
			TEST REPORTS														
			Assembly fire-ratings	3.1													
		09 22 16	MANUFACTURER'S LITERATURE AND DATA														
			Studs, runners and accessories	Section 2													
			Hanger inserts	2.2													
			Channels	2.2													
			Furring Channels	2.3													
			SHOP DRAWINGS														
			Ceiling suspension system	3.1-3.6													
			Assembly fire-rated assembly and column fireproofing	3.1-3.6													

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		09 29 00	MANUFACTURER'S LITERATURE AND DATA														
			Gypsum board	2.1													
			TEST REPORTS														
			Assembly fire-ratings	3.2	\prod_{\perp}												
			Sound rated assembly	3.2													
		09 30 13	SAMPLES														
			Base tile	2.1													
			Glass tile	2.1													
			Wall tile	2.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Ceramic tile	2.1													
		09 51 00	MANUFACTURER'S LITERATURE AND DATA														
			Acoustical units	2.7													
		09 65 13	MANUFACTURER'S LITERATURE AND DATA														
			Resilient base	2.2													
			Adhesives	2.5													
		09 65 16	MANUFACTURER'S LITERATURE AND DATA														
			Resilient material and accessories	2.1-2.7													
			Adhesives	2.2													
			SAMPLES														
			Sheet material	2.4													
			SHOP DRAWINGS														
			Layout and directional patterns	3.3													

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		09 65 19	MANUFACTURER'S LITERATURE AND DATA														
			Resilient material and accessories	2.2													
			Adhesives	2.3													
			SAMPLES														
			Resilent composition tile	2.2													
			SHOP DRAWINGS														
			Layout of patterns and edge strip locations	3.3													
		09 68 00	MANUFACTURER'S LITERATURE AND DATA														
			Carpet flooring installation instructions	3.2													
			Carpet	2.1													
			SAMPLES														
			carpet tile	1.4													
			Floor edge strip	1.4													
			Base edge strip	1.4													
			SHOP DRAWINGS														
			Layout of patterns and edge strip locations	1.4D													
		09 72 16	SAMPLES														
			Fabric covering	2.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Wall panel Installation Instructions	3.1/3.5													
		09 91 00	MANUFACTURER'S LITERATURE AND DATA														
			Manufacturer's literature and Current MPI "Approved Product List"	2.1													
			SAMPLES														
			Paint Color	3.9													
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			SHOP DRAWINGS Doors, Panels and Pilasters	2.1													
			Hardware	2.2													
			Components	2.3													
		10 21 23	SHOP DRAWINGS														
			Cubicle curtain track	2.1													
			Support system	2.2													
			SAMPLES														
			Cubicle curtain track with carrier access and stop	1.3													
		10 22 20	MANUFACTURER'S LITERATURE AND DATA														
			Demountable Partition	2.1													
			SHOP DRAWINGS														
			Demountable Partitions	2.1													
			Accessories	2.2													
			SAMPLES														
			Panel finish face and extrusion components	1.3													
		10 25 13	SHOP DRAWINGS														
			Patient Wall Systems	2.1													
			MANUALS														
			Patient Wall Systems	2.1													
			CERTIFICATES														
			Patient Wall Systems	2.1													

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		10 26 00	MANUFACTURER'S LITERATURE AND DATA														
			Handrails	2.3													
			Wall guards	2.4													
			Corner guards	2.2													
			High Impact Wall covering					<u></u>									
			SHOP DRAWINGS														
			Design and installation details	3.1 - 3.3													
		10 28 00	SHOP DRAWINGS														
			Combination paper towel dispenser and disposal unit	2.5													
			Toilet tissue dispenser	2.6													
			Grab bars	2.7													
			Clothes hooks-robe or coat	2.8													
			Metal framed mirror	2.9													
			Soap dispenser	2.10													
			Mop racks	2.11													
			SAMPLES														
			One of each type of accessory specified	1.3													
			Al a constant A change					1									
			MANUFACTURER'S LITERATURE AND DATA					1									
			One of each type of accessory specified	1.3				1									
			one of causing or acceptancy appearance	1.0													
		10 44 13	MANUIEACTUDED'S LITEDATUDE AND DATA					†									
		10 44 13	MANUFACTURER'S LITERATURE AND DATA	0.4				†									
			Fire extinguisher cabinet	2.1				†									
	1				1			1					1	<u> </u>			

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		12 36 61	SHOP DRAWINGS														
			Simulated Stone Countertops	2.1-2.4													
			SAMPLES														
			One of each type of accessory specified	1.3													
			MANUFACTURER'S LITERATURE AND DATA														
			One of each type of accessory specified	1.3													
		21 13 13	MANUFACTURER'S LITERATURE AND DATA														
			Piping and fittings	2.1													
			Valves	2.2													
			Sprinklers	2.3													
			Sprinkler cabinet	2.4													
			Identification placards	2.5													
			Switches	2.6													
			Pipe hangers and supports	2.7													
			SHOP DRAWINGS														
			Qualifications	1.3													
			Working drawings	1.3													
			Calculations	1.3													
			Certificates	1.3													
			FINAL DOCUMENT SUBMITTALS														
			As-built drawings	1.3													
			Testing and Maintenance Instructions	1.3													
			Certificates	1.3													
			Instruction Manual	1.3													

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		22 05 23	MANUFACTURER'S LITERATURE AND DATA														
			Valves	2.1													
		22 07 11	SHOP DRAWINGS														
			Piping Insulation	2.1 - 2.3													
		22 11 00	MANUFACTURER'S LITERATURE AND DATA														
			Interior domestic water piping	2.1													
			Dielectric fittings	2.1													
			Water hammer arrester	2.3													
			Water Hammor director	2.0													
		22 13 00	MANUFACTURER'S LITERATURE AND DATA														
			Piping	2.1, 2.2													
			Floor drains	2.5													
			Cleanouts	2.4													
			Traps	2.6													
		22 40 00	PLUMBING FIXTURE INFORMATION & CUTS														
			Water closets	2.6													
			Urinals	2.7													
			Lavatories	2.8													
			Sinks and Laundry tubs	2.9													
			Dispenser, Drinking Water	2.10													
			Carriers	2.5													
			Outrois	2.0		<u> </u>											
		20.00.00	MANUFACTURERIC LITERATURE AND DATA														
			MANUFACTURER'S LITERATURE AND DATA														
	1		Piping	2.2, 2.3									<u> </u>				

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			Valves	2.4													
			Valve cabinets	2.5													
			Gages	2.6													
			Station inlets	2.7													
			Station inlet rough-in	2.8													
			Ceiling Services	2.9													
			Vacuum switches	2.10													
			TESTS	3.2													
		22 63 00	MANUFACTURER'S LITERATURE AND DATA														
			Piping and fittings	2.1 - 2.2													
			Valves	2.3													
			Valve cabinets	2.4													
			Gages	2.5													
			Station outlets	2.6													
			Station inlet rough-in	2.7													
			Ceiling Services	2.8													
			Alarm controls and panels	2.9													
			Pressure switches	2.10													
			TESTS	3.2													
		23 05 11	MAINTENANCE AND OPERATING INSTRUCTIONS	1.4K													
		-	COORDINATION DRAWINGS	3.1													
			Interconnection to building Hot Water System	1.7													
			Salaring To Track Oyoldin	1													
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		23 05 41	MANUFACTURER'S LITERATURE AND DATA														
			Vibration isolators	2.2													
			LOAD CALCULATIONS FOR ISOLATORS	2.1													
			NAME AND QUALIFICATIONS OF TAB AGENCY AND TAB SPECIALISTS	3.6													
			COMPLETE SET OF AABC OR NEBB PUBLICATIONS	1.4C													
			REPORTS														
			Design review report	3.2													
			Systems inspection report	3.3													
			Duct air leakage test report	3.4													
			Systems readiness report - BENCHMARKING	3.5													
			Intermediate and Final TAB	3.6													
			Vibration Testing	3.8													
			Sound Testing	3.9													
			Complete test and balance	3.7													
		23 07 11	SUBMITTALS														
			Insulation materials	2.1													
			Insulation facings and jackets	2.7													
			Insulation accessory materials	2.8 - 2.13													
		23 09 23	MANUFACTURER'S LITERATURE AND DATA														
			Wiring diagrams	Section 2													
			Control dampers	Section 2													
			Control	Section 2													
			DDC System	Section 2													
			Terminal strips	Section 2													

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
			MANUFACTURER'S LITERATURE AND DATA Pipe and tubing Pipe fittings Flanges, gaskets, and bolting Valves, all types Strainers Flexible connectors for water service Ball valves	2.2 2.3/2.4/2.5/ 2.6 2.3 2.7/2.9 2.8 2.9 2.7													
			Gages	2.1													
			Thermometers	2.12													
			Manual balancing valves	2.16													
			AS-BUILT DRAWINGS heating hot water system	3.1													
			MANUFACTURER'S LITERATURE AND DATA														
			Rectangular ducts	2.2													
			Duct liners	2.3						-	-				-		
			Sealants and gaskets	2.1											-		
			Access doors	2.4													
			Round and flat oval duct	2.2													
			Duct liners	2.3													
			Sealants and gaskets	2.1													
			Access doors	2.4													
			Fire dampers	2.5													
			Flexible ducts and clamps	2.6													

			Submittal Re	egister									CONTRACT N	UMRFI	n		
Title	& Loc	ation		Contracto	r												
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(71)	(5)	(0)	Flexible connections	2.7	(,,	(0)	(1.)	(1)	(0)	(14)	(L)	(W)	(14)	(0)	(1)	(4)	(11)
			Instrument test fittings	2.11													
		23 36 00	MANUFACTURER'S LITERATURE AND DATA														
			Air terminal units	2.1, 2.2													
			CERTIFICATES														
			Quality assurance	1.3													
		23 37 00	MANUFACTURER'S LITERATURE AND DATA														
			Diffusers, registers, grilles, and accessories	2.2													
			Anti-ligature device	2.2													
		26 05 21	MANUFACTURER'S LITERATURE AND DATA														
			Cable	2.1													
		26 05 26	MANUFACTUREDIS LITERATURE AND DATA														
			MANUFACTURER'S LITERATURE AND DATA Grounding and bonding conductors	2.1													
		_															
			TEST REPORTS														
			Ground resistance	3.1													
			CERTIFICATIONS														
			Materials and installation	3.1													
		26 05 33	MANUFACTURER'S LITERATURE AND DATA														
			Conduit	2.1													
			Outlet, junction and pull boxes	2.1													

		Submittal Re	gister									CONTRACT N	UMBEF	1		
Title & Loc	ation		Contracto	r												
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		SHOP DRAWINGS														
		Main feeders	2.1													
		Panels and pull boxes	2.1													
		Conduit penetrations	3.1													
	26 09 23	MANUFACTURER'S LITERATURE AND DATA														
		Indoor Occupancy Sensors	2.1													
	26 22 00	SHOP DRAWINGS														
		Low-voltage transformers	2.1													
	26 24 16	SHOP DRAWINGS														
		Panelboards	2.1													
		CERTIFICATIONS														
		Materials	3.1													
	26 27 26	SHOP DRAWINGS														
		Wiring devices	2.1 - 2.4													
	26 29 21	SHOP DRAWINGS														
		Disconnect switches	2.1/.2.2/2.3													
	26 41 00	SHOP DRAWINGS	1.3													
		QUALIFICATIONS														
		Installer qualifications	1.3													

			Submittal Reç	ıister									CONTRACT N	UMBEF	1		
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			CERTIFICATIONS														
			Installation	1.3 / 3.1													
			Inspection	1.3 / 3.1													
		26 51 00	SHOP DRAWINGS														
			Lighting fixtures	2.1													
			Ballasts	2.2													
			Lamps	2.5													
			LED Luminaires	2.7													
			Controls	2.4/2.5													
			CERTIFICATIONS														
			Installation	3.1													
			Electronic high frequency ballasts	3.1													
			, ,														
		27 05 33	SHOP DRAWINGS														
			Pull boxes	2.1													
			CERTIFICATION														
			Installation	3.1 - 3.8													
		27 15 00	SHOP DRAWINGS					1									
			Horizontal cabling	2.1				1									
			SAMPLES	2.1				1									
			TCO wall outlet box	2.1													
			- Co Ham Callet Box	2.1													
		27 41 41	QUALIFICATIONS														
			Manufacturer's	1.5													
				1.5				1									
			Installer's	1.5			l	1	1			l					

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Title	& Loc	ation		Contracto	r												
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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
			SHOP DRAWINGS														
			Master antenna TV equipment and systems	2.1													
			SAMPLES														
			Wall outlet box	2.1													
			THE SELECTION	2.1				†							t		
		07.5						+									
-			SHOP DRAWINGS					+									
-			Nurse call/code blue systems	2.1				+							-		
-								-									
		28 05 13	CERTIFICATIONS														
			Compliance	1.5													
			SHOP DRAWINGS														
			Materials	Section 2													
		28 05 33	MANUFACTURER'S LITERATURE AND DATA														
			Conduit	Section 2													
				GGGGGGT Z				†							t		
\vdash			Outlet, junction and pull boxes					<u> </u>									
								+									
		28 13 16	CERTIFICATIONS					+									
			Compliance	1.3													
<u></u>																	
			PRE-INSTALLATION AND AS-BUILT DESIGN PACKAGE	1.4													
								<u></u>					<u> </u>		<u></u>		
			SHOP DRAWINGS														
			Security system	1.4													
				1													
		20 24 00	SHOP DRAWINGS					†									
			Fire detection and alarm	1.4	1						<u> </u>						

			Submittal Regis	ter									CONTRACT N	UMBER	1		
Title	& Loc	cation		Contracto	r												
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				Conti	ractor Schedul	actor Schedule Dates		ntractor Action		Approving Auth		rity					
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			MAINTENANCE AND OPERATING MANUALS	1.4													
			CERTIFICATIONS														
			NICET level III fire alarm	1.4													
			Compatibility of components and control units	1.4, Part 2													
			UL and NFPA requirements	1.4, Part 2													