

ADDENDUM #3

<u>Will County Health Department</u> BID PACKAGE #3 – MEP/Finishes/Carpentry/Glazing December 4, 2018

This addendum will be included in all future sets of drawings distributed and on the Leopardo Building Connected website.

Division 1 – General Instructions

1.0 Bid Instructions

A. Bid Submission

1. <u>There will be NO bid due date extension for this addendum. Final bids are</u> due no later than **1:00** on Wednesday, December 12, 2018.

1.1 Bid Documents

A. Schedule of Bid Documents

The following documents are included as part of this bid addendum:

DATE	DESCRIPTION	Ву
12/4/18	Addendum Narrative (this document)	Leopardo Companies
12/4/18	Bid RFI Log Dated 12/4/18- (attached) additions in red	Leopardo Companies

END OF ADDENDUM #3

R = Resolved P = Pending

				Response
RFI #	Addendum #	Question	Response	I = Incomplete Status
BP3-001	Addendum #2	Are fire dampers required where duct passed through fire rated walls?	Fire dampers will be addressed by a future BP3 - Addendum. BP3-Addendum #2 adds a horizontal fire rated gypsum board assembly at the mechanical shafts where ducts penetrate the second floor. This wall construction shall be installed tight to the vertical ductwork penetration and be installed at the second floor line as indicated in the addendum. See revised Sheet G301 for locations.	R
BP3-002	Addendum #2	What type of VFD is required for RAF-1?	Variable speed control shall be included with the exhaust fan as specified. See Spec. Section 23 34 23.03; paragraph 2.04 for unit specifications. No addendum required for this clarification.	R
BP3-003	Addendum #2	Will all the owner provided equipment be set in place for the specified contractor to then make final connections?	Set in place	R
BP3-004	Addendum #1	In the plumbing scope 7.e. states "e) Furnish and install all wiring for circulating pumps, and emergency eye wash station alarm. The electrical subcontractor will only be responsible to hook up line voltage power to each pump and the controller if required. Coordinate with electrical subcontractor prior to installation." This is electrician's scope of work. Is this to remain in the plumbing scope?	Yes	R
BP3-005	Addendum #2	Are flooring systems to continue under millwork and laboratory casework?	Yes	R
BP3-006	Addendum #2	 There is no information on the existing Generator in the bid documents 1. Who is the manufacturer, what is the model number and what is the serial number of this engine? 2. Do you have a submittal for it, so we can get quotes for the services required for generator in BP-3 14? 3. Which company is holding the current warranty and service contract? 4. Who is the Gen Distribution Panel manufacturer, so we can get the new circuit breakers? Also, is the Gen Panel mounted in the Genset or remotely. 5. What is the estimated distance from the Manhole by the Generator to the Gen Distribution panel and is this conduit in the BP-1 Site Electrical Contractors Package? 6. Should we assume that the 4 hour load test will consume existing fuel in the belly tank and that we just refill it at the end, and is there enough fuel for the test in the tank now? 7. What is the fuel capacity of the Belly Tank? 		R
BP3-007	Addendum #1	 In the Carpentry Scope of Work, items 1a-e under Thermal and Moisture Protection indicate the carpentry contractor is to install the exterior air/vapor barrier. Item e under Exclusions states Fluid Applied Air Barrier is by others. Please clarify. If fluid applied barrier is included in the carpentry scope: Paragraph 3.04-B of spec Section 07 25 00.02 (Weather Barriers) is lined out. Please verify that we SHOULD NOT include the costs for ABAA testing. (Note: we agree that the ABAA testing requirement should be removed since it would add unnecessary costs to the project). 	See revised scope in addendum #2	R
BP3-008	Addendum #1	You have some prequalification forms that need to be submitted. I need some details. Do the forms need to be complete prior to submitting the bid or with our bid	The qualifications are included in volume 1. They are not pre qualifications. Just qualifications they have to meet to be able to bid.	R

BP3-009	Addendum #1	Do the hard tile, resilient base, flooring, and carpeting jobs require union or prevailing wage bids?	Leopardo requires our subs to be union. The job falls under prevailing wages for Will County and that is to be sure they are paying the required minimum hourly rate for their trade.	R
BP3-010	Addendum #1	Plumbing VS Fire Sprinkler Scope	RPZ is for the domestic water side of the system IE POTABE WATER. This is a Furnish and Install item by the plumber. The Double Detector Check Valve which is for the Fire suppression system should be furnished by the FP guy installed by the Plumber. Installation is Plumbing Union thing.	R
BP3-011	Addendum #1	The existing X-Ray unit for TB that is being relocated. Drawings show and specify lead lining of gypsum board for interior room, gypsum board walls, door frame and door. Please advise if this is correct and whose scope it is in	Lead is required. Its on the plans and a spec section is included in BP#3 for this. Carpentry to provide.	R
BP3-012	Addendum #2	What Control cable & how many are to be installed in the 1" Conduit in the Gen Duct Bank, and where are the origination and destination points for the cable?	For bidding purposes only include 2#14(EM Stop), 3#14(ATS), 1 cat 6 23 AWG direct burial (RAP), 1 cat 6 23 AWG direct burial (Asco power meter). Manufacturer to specify exact requirements for construction.	R
BP3-013	Addendum #2	Seismic requirements are all over the MEP drawings/specifications. See sheet: M322 for example. Please advise	The note refers you to S010. See the Code and Loading section; Paragraph 6i that states "Non-structural arch, mechanical and electrical components = exempt." General notes require no modification.	R
BP3-014	Addendum #1	We are looking for a list of Mechanical Contractors bidding the HVAC for Will County Health Department. We would appreciate any help you can give us.	See attached bidders at this time	R
BP3-015	Addendum #1	 What exactly was or is being completed in BP #1 on the site by the site and building electrician? Will there be any demolition in BP #3 by the building electrician? The notes on E100 in both bid packages are mostly the same. It is unclear where BP#1 left off and BP #3 picks up. The notes on E100 do not match with the information on the riser diagram. Specifically cabling sizes, etc. Is the new ComEd pad installed under BP #1 or BP #3? Is the Telecommunication conduit (E100 detail) installed in BP #1? Is the 4" ComEd PVC installed in BP #1? 	1. See revised scope. 2. no 3. see revised scope. 4. see revised scope 5. BP#1 6. See revised scope. 7. See revised scope	R
BP3-016	Addendum #2	RFI Regarding Lighting: 1. The Exterior Luminaire Schedule on sheet E411 has a Type OA3 Fixture and lists it as a Pole Mounted Fixture, but the plan clearly shown as Wall Mounted. Please Clarify. 2. Also, this fixture is to match the Site Pole Light Fixtures OA3 purchased in BP-1 Site Electrical. Do you have an approved submittal for this fixture, so we can match it as specified? 3. The Exterior Luminaire Schedule on sheet E411 has a Type OB1 Fixture on it but we could not find any of these. Has one been mis-labeled? 4. The Interior Luminaire Schedule on sheet E412 has Types EM & EM-C, but we could not find any of these.		R
BP3-017	Addendum #2	RFI Regarding Lighting Controls 1. The Lighting Control Schedule on E411 indicates that the Exterior Pole Mounted fixtures are to be equipped with Load Shedding/Dimming functions. Do you know if these fixtures were ordered, installed and wired with these functions up to the inground Junction Boxes by the Site Electrical Contractor, or is this an internal function of the Lutron Lighting Control Panels? 2. Did the Design Team engineer any Lighting Control Panel Schedules? I didn't see them on the plans		R

BP3-018	Addendum #2	 The electrical specifications have two sections for "LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES, SECTION 26 05 19.01 and 26 05 19.03". They have some differences in cable requirements. Why 2 sections and which one is correct? The electrical specifications have two sections for "CONDUIT FOR ELECTRICAL SYSTEMS, SECTION 26 05 33.01 and 26 05 33.03". These appear to be the same. 	Bid package 1 and 3 have different requirements. The .01 & .03 extensions to the spec sections indicate what Bid Package those specs were issued for.	R
BP3-019	Addendum #1	The Bid Form; Lightning Protection (Line Item 2.E on the Bid Form Schedule of Values) 1. Where would I find drawings & specifications for the Lightning Protection System? This requiremen was not listed in the Electrical Scope of Work	See revised bid form	R
BP3-020	Addendum #1	The Bid Form; Alternate #3 LED Temp Jobsite Lighting 1. Where would I find a specific description of these requirements? Is this just for interior construction?	See revised bid form	R
BP3-021	Addendum #1	BP1 Trade Specific-Site Electrical, Section 8.b & c indicates that the Site Electrical Contractor is to: b.Provide portable, exterior rated site lighting on wood poles for parking lots designated to remain open during construction. Review schedule and site logistics/phasing plan. c. Coordinate installation of temporary flood lighting at offsite parking lot with ComEd. Utility consumption will be billed and paid by Will County. Install a temporary pole and flood lights to provide adequate lighting for temporary parking. Pull power overhead at one of the three existing ComEd poles. Include removal of temporary pole and power at the end of construction use. Reference Addendum #3 for further scope clarification. Job Site Lighting, or just Interior Building Construction Lighting?	Job site lighting. Temp power requirements are shown in building electrical scope	R
BP3-022	Addendum #2		the existing generator. Power connections for those items are to remain in place	R

DD2 000		Contine 4 d Evisting Conceptor	4 d Cas multiple and shart FC00	P
BP3-023	Addendum #1	Section 4.d, Existing Generator.	4.d. See revised scope and sheet E600	R
		3. Spec 00220 BP-1 Site Electrical Scope, Section 11.a indicates that it is the Site Electrical		
		Contractor who is responsible for;		
		11. Existing Engine Generator and Associated Items		
		a. Provide sawcutting, trenching, conduit, concrete duct bank and backfill from existing		
		generator at Sunny Hill Nursing Home to the new building pad.		
		b. Per Bid RFI 015: The plans indicate for the generator stub into the new building and to the		
		generator enclosure to be GRS. The conduit transitions to PVC at the pull boxes for the length of the		
		duct bank.		
		We did not see these requirements rescinded or transferred to the Building Electrical		
		Contractor in any of the BP-1 Addendums.		
		This requirement should still remain within the Site Electrical Contractor's scope.		
		This is in conflict with Section 4.d of the BP-3-14 Scope of Work.		
		Please clarify the requirements.		
BP3-024	Addendum #2	Section 4.f, Existing Generator.	4.f.6. and 4.g.7. and 6.d.8 and 6.e.9 Plans indicate an annunciator on sheet	R
		6. What other accessories are required other than the EPO switch in Foyer 1000?	E311. Control wiring clarified by addendum but subject to manufacturer's	
		We didn't see a Generator Annunciator panel on the plans, did the demo people salvage that do we	requirements. There are no fire doors within this building at this time.	
		have to furnish a new one?		
			6.g.10 scope has been revised. 6.n.11. no by building electrical as stated in	
		Section 4.g, Existing Generator.	scope. Section 9 low voltage-see revised work scope	
		7. What are the Low Voltage wiring requirements? Please furnish a wiring schematic.		
		Section 6.d Fire Alarm System;		
		8. There were no Door Hold devices shown on the plans. Please clarify.		
		Section 6.e Fire Alarm System		
		9. There are no electrical power or control requirements shown on fire doors within the building		
		Section 6.g Fire Alarm System		
		10. The Fire Alarm Spec section 28 46 00 .3.02-F indicates that the Duct Detectors are to be		
		furnished to the ductwork installer for installation. Please clarify.		
		Section 6.n Fire Alarm System		
		11. Is the Telephone cabling to be furnished by the Structured Cabling contractor under BP3-19?		
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1		Section 9 Low Voltage Systems		
1		12. Spec 00220 BP-1 Site Electrical-Section 10.g indicates that it is the Site Electrical contractor is		
1		responsible for the Low Voltage underground conduits and stub-ups shown on T002 including the		
1		conduit stub-ups into the building.		
		g. Complete all work shown on T002 including hand holes, conduit, concrete encasement, innerduct,		
		pull wire and stub-ups.		
		Please clarify the scope.		
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BP3-025 Addendu	1. The Legrand Floor Box & Poke Through Catalog numbers are obscured on the plan. Can you verify and then resend the catalog numbers? VD2. PROVIDE ELOOR BOXES AND POKE-THRU ASSEMBLIES WITH THE EOLLOWING MINIMUM COMPONENTS: BASIS OF DESIGN - LEGRAND WIREMOLD EIRST ELOOR: ELOOR BOX EURNITURE EEED #EEBEE: PETETCAL EIRST ELOOR: ELOOR BOX DURNITURE EEED #EEBEE: PETETCAL SECOND ELOOR: POKE THRU EURNITURE EEED #RCEAM2TCAL SECOND ELOOR: POKE THRU EURNITURE EEED #RCEAM2TCAL SECOND ELOOR: POKE THRU DATA EEED #RCEAM2TCAL	FIRST FLOOR: FLOOR BOX FURNITURE FEED #EFBFF-FPFFTCAL FIRST FLOOR: FLOOR BOX DATA FEED #880CS1-818TCAL-828COMTCAL SECOND FLOOR: POKE THRU FURNITURE FEED #RC9AM2TCAL SECOND FLOOR: POKE THRU DATA FEED #RC9CMDTCAL	R
BP3-026 Addendu	n #2 Technology Sheet T311 Typical Movable Partitions. 1. Is it the Electrical Contractor's responsibility typically, to furnish raceways within the movable partitions in Room 1020, or just a Partition Federe Flex Whip from either a local Wall box, Floor Box, or Poke Through fitting and then a conduit stub up or down into the accessible ceiling space?	FURNITURE FEED FLOOR BOXES TO BE FED FROM UNDERNEATH WITH A FLEX WHIP INTO FURNITURE. EACH LOCATION ON SOUTH WALL SHALL BE FED FROM CONDUIT STUB UP WALL TO ACCESSIBLE CEILING SPACE.	R

BP3-027	Addendum #2	Can we expect a Lutron lay-out drawing for this complicated lighting control system? There's no way to discern what devices (i.e Wireless, Low Voltage or Line Voltage) that will be provided or how these will need to get wired. There's no device schedule that identifies the control panels or wall/ceiling devices you'll be providing by catalog number. Attached is sample of layout drawings received prior to the bid on another Lutron Quantum project did. We need have something similar, so we'll know what devices you'll be using, where they will be placed and how we are to wire them	
BP3-028	Addendum #1	 Re; Low Voltage System Raceways, General; 1. Structured V/D Cabling, A/V, & Security Access Control, CCTV, Burglar Alarm, Emergency Notification devices, etc., ; Unless you tell us otherwise, we will assume that the Electrical Contractor is to furnish ³/₄" Conduit Stub-ups for each device to the closest accessible ceiling, and sleeves through walls and floors as shown on the plans, and that we are not responsible for individual drywall sleeves w/ firestopping, J-Hooks through the corridors, cable runways (Cable Tray) and conduit stubs out of the various Control Panels and racks inside the IDF/MDF rooms. 2. Unless you tell us otherwise, we will assume that we are to include the IDF/MDF Ground Bars and Grounding Back-Bone from the incoming service only, and that the Structured cabling Contractor will accomplish the IDF/MDF room grounding specified in Spec Section 27 05 26.03- Grounding and Bonding for Communications Systems 3. Unless you tell us otherwise, we will assume that all horizontal low voltage cabling within casework, desks and/or low knee walls will be allowed without conduit, and that we will furnish an appropriately 	
		sized conduit stub at the nearest wall with a grommeted wall box. 4. For break-out purposes, unless you tell us otherwise, we will include the outlets shown on T311- T322 (except as outlined below) as part of the Structured Cabling Rough-In.	
		Image: Instruction of the problem	
		5. For break-out purposes, unless you tell us otherwise, we will include the outlets shown on T411- T422 (except as outlined below) as part of the Security Systems Rough-In.	
		C - CCTV CAMERA Imit MOTION DETECTOR CIE CARD READER OB SOUND SPEAKER	
		DO DOOR CONTACT IPB PANIC BUTTON EB ELECTRIC STRIKE IFK REQUEST TO EXIT	
		HOM INPUT TV COAX OUTLET Image: New Year Deurglar Volume control	

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BP3-029	Addendum #2	Re: LED Alarm Lights; 6. I couldn't find a device that matched this description on the Systems parts lists. Can you tell us what rough-in is required for this device?	 LED alarm lights are Camden #CX-LED1/R/53. Provide a 1900 Box with single gang ring in ceiling. 	R
		 For break-out purposes, unless you tell us otherwise, we will include all of the outlets shown on T411-T422 (except as outlined below) as part of the Audio/Visual Rough-In. 	7. OK. See BP3 - Addendum #1.	
		CTV CAMERA MOI MOTION DETECTOR	4	
		CARD READER SOUND SPEAKER		
		DO DOOR CONTACT		
		B ELECTRIC STRIKE REQUEST TO EXIT	4	
		1000 HDMI NPUT TV COAX OUTLET		
		KEY KEYPAD BURGLAR VC VOLUME CONTROL		
		· _		
BP3-030	Addendum #1	Re: HDMI Devices; 8. Is there a special size conduit and back box requirement for each of these?	Assume 1 1/2"	R
BP3-031	Addendum #1	Re: Audio/Visual Speakers;	review drawings for clarification	R
		9. Unless you tell us otherwise, we will assume that no rough-in is required for the ceiling speakers		
		and that they will be installed by the A/V contractor.		_
BP3-032	Addendum #1	Re: TV Outlets; 10. The TV outlets on the Structured Cabling Drawings T311-T322 are duplicated on A/V Security Drawings T411-T422. Are these the same devices and should we assume that only one conduit stub is required as shown on T311-T322 or are two stubs required? 11. Per the A/V Contractors Scope of work there may be special backboxes required Can you specify a type to be furnished so we can labor them out properly? Otherwise we will furnish 1G backboxes with ¾" conduit stubs only, one for Data, and a separate one for A/V. (See the Attachment) 12. Should these Outlets be included as part of the A/V Breakout on the Bid Form? IV COAX OUTLET	10. Assume 2 11. Provide only what is specified 12. OK	R
		VC VOLUME CONTROL		
		WAP WIRELESS ACCESS POINT	-	
		∇^{TV} data drop, tv location		

BP3-033	Addendum #2	Re: Camera/CCTV Outlets; 11. The Camera outlets on the Structured Cabling Drawings T311-T322 are duplicated on Security Drawings T411-T422. Are these the same devices, and should we assume that only one conduit stub is required as shown on T311-T322? 12. Should these stubs be included as part of the Security Breakout on the Bid Form?	11. They are the same device. Provide only (1) Conduit Stub. Refer to revised work scope and Bid Forms. 12. OK	R
BP3-034	Addendum #2	On the bid proposal, I read that toilet compartments are included with toilet accessories. Bid forms show different. Can you specify if toilet compartments are their own package ?	Toilet compartments are not part of carpentry scope and are a separate bid package	R
BP3-035	Addendum #2	There is no locker spec in the specifications. Can architect include spec with addendum ?	see spec section 064100	R
BP3-036	Addendum #2	The fire ext cabinet calls for JL Academy 1027. This is an Aluminum Series FEC. Later in the spec they want the trim to be stainless steel. This is Cosmopolitan series. Which one do they want ?		R
BP3-037	Addendum #2	BP#3 T002 shows the fiber from the new building to sunny side home as part of BP#1 electrical sub.The fiber from the new building to Sunny side home is part of the IT cabling contractors' work on BP#3, not part of BP#1. Please correct this.	BP#1 site electrical should have the temp fiber line only from the existing health clinic to the existing main building. BP#3 structured cable sub will remove this temp fiber provide new during the project.	R
BP3-038	Addendum #2	folder, BP_3 Volume 1 all attachments, there are qualification forms. On page 2 of the instructions to bidders, it reads," the owner may request qualification forms". Are these forms required to be completed and turned in with our bids?	Yes. They are required with bid	R
BP3-039	Addendum #2	I do not see a checklist of forms and documents to be included with our bid, in the instructions to bidders.	Last page of the bid form and also stated on the first and second page of addendum #1	R
BP3-040	Addendum #2	I was looking thru the addendum #1 this morning and I do not see a bid form for plumbing. Am I missing it	There was no revised bid form issued in addendum #1. see bidding website for original issued with BP#3	R
BP3-041	Addendum #2	We are looking at the Will County bp # 3 & just want to clarify one point at this time. The 10% cashier's check is not a requirement for the subcontractors, correct ?	10% bid bond or cashiers check is required	R
BP3-042	Addendum #3	Sub would provide an Edwards EST fire system for the Will County Health Department. Please advise		P
BP3-043	Addendum #3	Per the manufacturer from Honeywell for the Burglar system. The DT7500SN was discontinued and replaced by the DT8050ASN. The spec notated the discontinued the above part which the sub will be utilizing the replacement part.		Ρ
BP3-044	Addendum #3	Please advise on where we can find the most recent scope and bid forms for each trade	Review all addendums for the most recent scopes and bid forms. If there were not issued for your trade the most recent is located on the building connected site under the volume 1 all attachments folder. This is also stated in the project manual volume 1 under section 00400 and 00220.	R

BP3-045	miscellaneous section of the work scope. We have had this type of obligation for protection on	This is the reason that it states in 4. B. last sentence that a "sign off before and after protection is installed to be by both the LCI super and epoxy floor sub" to eliminate repairs without getting paid.	
BP3-046		A700 and A701 show them on the elevations and information is under the keynotes section of those pages	R