University of Louisville

PURCHASING DEPARTMENT
LOUISVILLE, KENTUCKY

Invitation No: **IB-60-12** **Date:** **February 24, 2012**
Title: **Student Recreation Center, BC-4 General Contractor**
Addendum No. **One (1)**

The following shall clarify and/or modify the original bid document(s) as issued by the University of Louisville.

1. **Add the attached Additions and Clarifications to this Invitation to Bid.**

Bidder must acknowledge receipt of this and any addenda either with bid or by separate letter. Acknowledgement must be received in the Office of Purchasing, Service Complex Building, University of Louisville not later than **March 13, 2012 at 2:00 PM.** If by separate letter, the following information must be placed in the lower left hand corner of the envelope:

Invitation No: **IB-60-12**
Title: **Student Recreation Center, BC-4 General Contractor**
Open Date: **March 13, 2012 at 2:00 PM**

BY: *Curtis Monroe*
Authorized Purchasing Officer

Receipt Acknowledged: _____
FIRM

BY: _____

highlighted text = items not inserted in or relevant to architectural specs/ drawings

ADDENDUM NUMBER ONE

Bidders shall conform to the following changes, as same shall become binding on the Contract to be issued in response to this Invitation to Bid.

CORRECTIONS, CLARIFICATIONS & ADDITIONS

1. **Addition:** Specification section 013080 "Resilient Sound Isolation Battens" to be included in the bid documents. Refer to attached specification section "Resilient Sound Isolation Battens" from Omni Architects dated January 2012.
2. **Addition:** (Reference Drawings ES-01 through ES-05) Provide additional wall box and conduit with locking cover for volume controls above existing wall boxes in MAC and all Gymnasiums. Relocate volume controls into new wall box. Provide at all locations shown in drawings ES-01 through ES-05. Refer to attached Supplemental Drawing "Gym and MAC Input/Control Wallboxes" from DBA Acoustics dated February 22, 2012.
3. **Clarification:** Note that all bid documents and addenda for Bid Packages, Phase #1 through #3 will be made available to all bidders for informational purposes only. Drawings and specifications for Bid Packages, Phase #1 through #3 can be obtained at Zen Reprographics.
4. **Clarification:** The Bid Package, Phase #3 contract for this project was bid in an effort to allow the steel shop drawings to take place as early as possible for the benefit of the General Contractor selected in Bid Package, Phase #4 and the overall schedule of the project. The Bid Package, Phase #3 contract (Including the performance bond for the Bid Package, Phase #3contract) shall be assigned to and received by the Bid Package, Phase #4 contractor as part of their contractual obligations for this project. A sample "Assignment and Assumption of Trade Contract" is attached as part of this addendum. Payment to the Bid Package, Phase #3 contractor will be made to that contractor by the University up and until the BP#4 contractor has been determined and the Bid Package, Phase #4 contract awarded, for work performed through that date. Afterwards payment to the Bid Package, Phase #3 contractor shall be through the Bid Package, Phase #4 contractor as if they had been a subcontractor all along. The Bid Package, Phase #4 contractor shall indicate the Bid Package, Phase #3 contractors cost on their schedule of values and in their payment applications (in a manner consistent with their own cost breakdowns) and shall include payments already made by the University to the Bid Package, Phase #3 contractor as "work completed to date" and elsewhere on the payment application as applicable. Should no payments be made by the university to the Bid Package, Phase #3 contractor prior to the award of the Bid Package, Phase #4 contractor then the full contract amount ($4,941,000) of the Bid Package, Phase #3 contract shall be assumed by the Bid Package, Phase #4 contractor.
5. **Clarification:** (Reference "Method of Award, Evaluation Criteria; Staffing experience 20 Points") Note that the "Minimum full-time on-site positions" may be performed, in any combination, by the same person provided that person maintains all qualifications for each position and all positions are adequately cover by experienced staff.
6. **Addition:** (Reference Specification Section 201305 "Geothermal (Earth Coupled) Loop Piping System & Heat Transfer Fluid") Additional boring information can be located in the "Report of Subsurface Exploration and Geotechnical Engineering Evaluation" included in the general specifications.
7. **Clarification:** (Reference drawing M0214 – Level 01 – Air Distribution – Area A) The temperature sensor for unit FCU-03 shall be located on the adjacent interior wall in Stair #3. Coordinate final location with the engineer prior to rough-in.
8. **Clarification:** (Reference drawing M0231 – Level 02 – Air Distribution – Area A) The temperature sensor for unit FCU-03 shall be located on the adjacent interior wall in Stair #3. Coordinate final location with the engineer prior to rough-in.
9. **Clarification:** (Reference drawing M1201 – Mechanical Schedules) Refer to the attached revision sketch REV M1201-1 from CMTA Engineers dated February 24, 2012 for revised schedule values for the geothermal heat pump schedule.
10. **Clarification:** All exposed mechanical piping and ductwork in the building shall be painted to match the structure. Coordinate with the general trades contractor.
11. **Clarification:** All exposed fire protection piping in the building shall be painted to match the structure. Coordinate with the general trades contractor.
12. **Clarification:** All exposed plumbing piping in the building shall be painted to match the structure. Coordinate with the general trades contractor.

University of Louisville

Student Recreation Center

ASSIGNMENT AND ASSUMPTION OF TRADE CONTRACT

This Assignment and Assumption of Trade Contract (the "Agreement") is made and entered into as of the ____day of _____, 2012, by and between the University of Louisville," XYZ Contractor", and XYZ STEEL CONTRACTOR (the "Trade Contractor").

RECITALS:

The University of Louisville and the Trade Contractor entered into that certain Trade Contract for Bid Category,____ _____for The Student Recreation Center, dated_____, pursuant to which the Sub Contractor undertook certain obligations relating to the construction of that facility.

XYZ Construction has agreed to serve as the University of Louisville's General Contractor pursuant to an Agreement for providing General Construction Services for the Student Recreational Facility, as of_____.

The University of Louisville now desires to assign the established Trade Contract XYZ General Contractor is willing to assume, and the Trade Contractor is willing to consent to the assignment of, the Sub contract, as well as all rights, powers, representations, warranties, covenants and obligations thereunder, upon the terms of this Agreement.

NOW, THEREFORE, for the good and valuable consideration, the parties hereto hereby agree as follows:

1. Acknowledgement and Agreement.
   a. The Trade Contractor agrees that, upon the execution and delivery of agreement by all of the parties hereto, (I) it will perform all obligation under the Sub-contract, including without limitation minority business enterprises and equal employment opportunity requirements, under XYZGC's direction, (ii) all communications regarding the Trade Contract will be directed to XYZGC, and (iii) XYZGC shall also have the same University of Louisville's rights and powers under the original Trade Contract and it shall recognize the assignment to and assumption by XYZGC under this agreement.
   b. The University of Louisville and the Trade Contractor acknowledges and agrees that all payments to the Trade Contractor under the Trade Contract shall be made by XYZGC once xyz contractor is under contract for the above project and that Trade Contractor shall submit its applications for payments, in the form and at the time provided in the Trade Contract, to XYZGC. After XYZGC's approval of all pay applications during the month, XYZGC will forward its monthly application for payment to the University Representative. XYZGC will pay Trade Contractor promptly when payment is received from the University of Louisville.

2. Assignment. The University of Louisville hereby, assigns and transfers XYZGC, all rights, title and interest of the University in and to the established Trade Contract together with all rights, powers, duties, obligations, representations, warranties and covenants arising under the Trade Contract assigned herein is a valid and legal contract.

3 .Assumption. XYZGC hereby accepts the foregoing assignments and on and after the date hereof agrees to assume and perform all of the duties, covenants, agreements, and obligations required to be performed by the University of Louisville pursuant to the Sub- contract.

IN WITNESS WHEREOF, each of the University of Louisville, XYZGC and the Sub- contractor has

caused it duly authorized representative to duly execute and deliver this Agreement as of the date first above-written.

University of Louisville

By: _____

Title: _____

Trade Contractor

By:_____

Title:_____

XYZGC

By: _____

Title: _____

Surety:
The undersigned, Surety on the Payment and Performance Bonds furnished by the Trade Contractor to the University of Louisville hereby consents to the foregoing Assignment and Assumption, agrees that such Bonds shall remain in effect with respect to the Trade Contract now held by XYZGC and agrees that XYZGC shall be deemed to be an additional obligee under such Bonds.

By: _____

Title: _____

This Assignment has been approved
by the University of Louisville.

_____
Director of Purchasing

SECTION 13080 - RESILIENT SOUND ISOLATION BATTENS (LAT™) [FOR FLOATING CONCRETE FLOOR]

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Resilient Sound Isolation Battens (for floating concrete floor): Model CDM-ISO-LAT™

1.02 RELATED SECTIONS shall include but not be limited to:

A. Flooring

B. Waterproofing

1.03 ALTERNATES

A. Prior Approval: Proposed substitutions for products in this section may be submitted to the architect and acoustical consultant no later than ten (10) working days prior to the bid due date. Substitutions shall only be considered if submitted with complete information including acoustic data and a sample. Acceptance of substituted products is contingent on the architect's and acoustical consultant's approval and the substitution's compliance with all specified criteria. The architect shall approve substitution request via addendum.

B. Unapproved Substitutions. Substitutions not approved via addendum shall not be submitted to the architect or acoustical consultant.

1.04 REFERENCES

A. Local Building Code – Current Edition

B. American Society for Testing & Materials (ASTM)

1. ASTM E90-90 Airborne Sound Transmission Loss
2. ASTM E492-90 Impact Sound Transmission Loss

1.05 SYSTEM DESCRIPTION

A. The floating concrete floor Resilient Sound Isolation Batten CDM-ISO-LAT system shall consist of natural rubber isolation pads incorporated in a thin-gauge galvanized steel channel ("batten") and CDM-ISO-STRIP 94% recycled resin-bonded rubber car tire perimeter isolation strips. The floated concrete floor shall be constructed as detailed in the contract drawings and shall incorporate at least one (1) layer of ¾" plywood as a lost formwork resting on the CDM-ISO-LAT system, 2 layers of overlapping polyethylene film as a water barrier, extending above the perimeter isolation, the specified thickness and density concrete layer and finish top coat. The plywood shall be joined at corners with commercial junction plates.

B. Performance Requirements:

1. The CDM-ISO-LAT system shall meet or exceed STC 66 and IIC 63 as tested over a 6" thick concrete structural slab. Dynamic natural frequency of the resilient pads shall be as indicated in the chart below.

Model	Elastomer	Load Range, psi	Resonant Frequency, Hz	Material
L	CDM-79	15-52	6-10	natural rubber
M	CDM-80	30-115	6-10	natural rubber
H	CDM-81	60-215	6-10	natural rubber

2. Contractor shall submit copies of test reports to support the performance of the mechanical characteristics.

1.06 SUBMITTALS

A. Product Data: Submit standard manufacturer product cut sheet showing product and selected options.

B. Shop Drawings: Submit shop drawings with dimensions.

1.07 QUALITY ASSURANCE

A. Qualifications: Floating floor materials shall be designed and fabricated at the facilities of a specialized manufacturer having experience in the matter.

B. Single Source: All products under this section shall be supplied by a single manufacturer to ensure consistency in product size and finish.

C. Pre-Installation Meeting: Installing contractor shall organize and conduct pre-installation meetings with all other trades to coordinate conditions and elements attaching to, penetrating through or concealed above/behind work in this section.

1.08 DELIVERY STORAGE AND HANDLING

A. Packing, Shipping, Handling and Unloading: CDM-ISO-LAT system shall be handled with care.

B. Storage and Protection: Store CDM-ISO-LAT in original packaging until ready to install. Store CDM-ISO-LAT in temperature and humidity controlled conditions for 24 hours prior to installation and protect from moisture and infestation. Protect CDM-ISO-LAT from elements that would damage the components.

C. Acceptance at Site: Ensure that all project environmental requirements have been met prior to unpacking or installing the CDM-ISO-LAT system. Full or partial installation constitutes complete product acceptance.

D. Waste Management and Disposal: Dispose of all packaging materials and debris in a safe and environmentally responsible manner according to the instructions set forth by the General Contractor, local ordinances or codes and the Environmental Protection Agency.

1.09 PROJECT CONDITIONS

A. Project Environmental Requirements: Prior to unpacking or installing the CDM-ISO-LAT system, ensure that the installation area is fully enclosed and protected from moisture and direct sunlight. Ensure that the building's mechanical systems are fully operational and will not be turned off again even for testing and balancing of the mechanical systems. Coordinate with other trades to ensure that all work below mat surfaces is complete.

B. Product Handling: Handle the CDM-ISO-LAT system carefully so as to avoid damage to the components.

1.10 WARRANTY

A. Submit to Owner or Owner's Representative a written and dated warranty issued by the manufacturer warranting the CDM-ISO-LAT against defects in materials or manufacturing for a period of one (1) year from the date of delivery.

B. Any components used in the CDM-ISO-LAT system but not provided by the manufacturer are excluded from the manufacturer's warranty. Damage caused by exposure to moisture or rapid or extreme changes to temperature or humidity are excluded from the manufacturer's warranty. Damage caused by improper storage, handling or installation is excluded from the warranty.

1.11 OWNER'S INSTRUCTIONS

A. Installing contractor shall provide to the building owner or to the owner's representative a copy of the manufacturer's maintenance manual supplied with the CDM-ISO-LAT.

1.12 MAINTENANCE

A. Extra Materials: If provided per the project requirements, extra materials shall remain in the manufacturer's original, unopened packaging and shall be given to the building owner or owner's representative upon substantial completion of work.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. CDM, Reutenbeek 9-11, Overijse, Belgium, +32 (2) 687 79 07 (telephone), +32 (2) 687 35 52 (facsimile), http://www.cdm.be.

2.02 US DISTRIBUTOR

A. RPG Diffusor Systems, Inc., 651-C Commerce Drive, Upper Marlboro, MD 20774 301-249-0044 (telephone), 301-249-3912 (facsimile), http://www.rpginc.com.

2.03 MATERIALS

A. The CDM-ISO-LAT system shall consist of isolation pads incorporated in a galvanized steel channel ("batten"). Isolation pads shall be 36mm [1.4"] width x 40mm [1.6"] length x *(30, 40, or 50mm [1.2", 1.6", 2"])* height natural rubber elastomeric pads. Each batten is typically equipped with eight (8) isolation pads, typically spaced 14 ¾" apart. The choice of the pad material and spacing shall be determined by the manufacturer based on the acoustical design load, which is the dead load plus 1/3 of the live load. Respective loads (psi), resonant frequencies, material and dynamic/static stiffness rations of the elastomers shall be as indicated in the table. Isolation pads shall be able to be relocated along the batten to allow flexibility during installation.

Model	Elastomer	Load Range, psi			Resonant Frequency, Hz	Material	Dynamic/Static Stiffness ratio
		Static	Total	Occasional	Static-Total		
L	CDM-79	15-36	52	360	6-10	natural rubber	1.7 - 1.8
M	CDM-80	30-85	115	870	6-10	natural rubber	2.0 - 2.1
H	CDM-81	60-175	215	1750	6-10	natural rubber	1.6 - 1.7

Pad shall come with lab test data regarding static and dynamic stiffness, as well as long-term creep & elastic recuperation after 30 minutes and after 8 hours.

B. Batten: The metal batten shall be light-gauge galvanized steel channel of sufficient dimensions to capturethe isolator while allowing the isolator location to be adjustable along the length of the batten. Battens shall be trimmed on-site to accommodate site conditions and spacing per the manufacturer's installation drawings.

C. Perimeter isolation: Floor perimeter isolation strip shall be CDM-MTA-010 or as recommended by the manufacturer. Floor perimeter isolation shall be installed around the entire perimeter of the floating floor, and shall isolate the entire built-up height of the floating floor from rigid contact with any part of the building structure or other permanent fixtures or equipment (excluding floating floor loads).

D. All penetrations passing through the floating floor system for piping, conduit, or ductwork shall be isolated with 3/4" (20 mm) thick CDM-02020 microcellular foam strip or as recommended by the manufacturer. Penetrations that originate or terminate in the floating floor (i.e. floor drains) must have a flexible connection to allow free movement of the floating floor. All other penetrations must be reviewed by the floating floor manufacturer.

PART 3 - EXECUTION

3.01 INSTALLERS

A. Only qualified installers with 3 years (minimum) experience installing similar products shall install the CDM-ISO-LAT system.

3.02 EXAMINATION

A. Site Verification of Conditions: Examine installation area for compliance with all manufacturers' project environmental requirements and ensure uninstalled products have been stored and handled properly prior to commencing installation. Inspect all substrates for completion and quality of work to ensure that surfaces are level, plumb, clean and dry. Do not commence installation if the structural capacity of the substrate is questionable or inadequate.

B. Coordination with Other Trades: Coordinate with all other trades to verify that components associated with mechanical, electrical, lighting, data, telecommunication, audio, video, fire suppression and other building systems are completed as required.

3.03 PREPARATION

A. Protection: Protect surrounding work so as to avoid damage during installation of CDM-ISO-LAT.

B. Surface Preparation: Inspect substrate and ensure surface is flat, clean and dry without protruding elements that would otherwise interfere with CDM-ISO-LAT installation.

3.04 INSTALLATION

A. The installation of all sound isolation materials specified herein, including those installed under other sections of the specifications, shall be in accordance with procedures submitted by the isolation material manufacturer, and approved by the Architect.

B. Prior to installing the floating concrete floor system, the contractor shall verify that all areas intended for installation are suitable to receive the system. Work areas shall be dry, level, smooth, clear of all debris, and swept clean.

C. All isolation materials installed in areas exposed to weather shall be temporarily protected by polyethylene film covering when work is not in progress, until permanent waterproofing is achieved. Isolation materials should not be installed in inclement weather.

D. Wet concrete is to be poured against a suitable backing. Wet concrete should never come into contact with sound isolation materials.

E. All sound isolation materials and building components supported by isolation materials shall be free from rigid contact with any part of the building structure or other permanent fixtures or equipment (excluding floating floor loads).

F. Trim and place CDM-ISO-LAT around the perimeter of the floating slab as indicated in the manufacturer's installation drawings. Every corner shall have an isolator to support the load in the corner.

G. Place CDM-ISO-LAT throughout the general floor area according to the manufacturer's installation drawings, adhering to the spacing shown.

END OF SECTION 13080

University of Louisville
Pre-Bid Sign-In Sheet

Project: Student Recreation Center
Bid Number: IB-60-12
Date: February 22, 2012

Name	Firm	GC/Sub/ Mat Supplier	Phone / Fax	E-Mail
Maurice Sweeney	Unified Construction & Design Group	MBE	502-451-3388	msweeney@ucdg.c
Curtis Monroe CPPB	UL Purchasing	Surveyors	502 852-8224 / 852-7160	cmmonr01@louisville.edu
Don Adams	OMNI ARCHITECTS		859 252/6664	DLADAMS@OMNIARCHITECTS.COM
John Carman	CARMAN		859 [illegible]	[illegible]
Tracy Steward	CMTA		502-326/3085	Tsteward@cmtaegrs.com
Anthony Ehlers	Rangaswamy		589-2212/589-2240	anthony@rangaswamy.com
Candice Rogers	Paladin, Inc.		859-252-3047 859-252-0420	rogersc@paladinKY.com
Danny Hester	Comstock Bros.		502-957-1740 957-2152	dhester@cbehq.com
Ben Gurnee	Standard Textile		5027775278 8008884000	bgurnee@standardtextile.com
K. Michael Morris	Kevco Construction	GC	502.635.1611/502.635.1634	michael@kevco-construction.com
Chris Bingaman	Whittenberg	GC	361-8891 / 368-9192	chrisb@wccbuild.com
Andy Mays	Whittenberg	GC	" / "	andy@wccbuild.com
Matt McCann	Shiel Sexton	GC	3174236102/3174236300	mmccann@shielsexton.com
Dan Mattingly	Flynn Contracting	SUB	364-9100 / 363-1646	DMATTINGLY@FLYNNBUILDS.COM
Larry Wood	Irving Materials Inc.	supplier	456-6930/456-3388	larry.wood@irvmat.com
Ethan Athaus	DC Concrete	concrete turn-key (MBE)	(502)471-7864	ethan@dcconcrete-llc.com
Matt Michels	Hussung Mech.	SUB	502-375-3500/375-0026	michelsm@hussung.com
David Knight	Knight Audio	Sub	502-266-5507	Knight@KnightAudio.com

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Name	Firm	GC/Sub/ Mat Supplier	Phone / Fax	E-Mail
Curtis Monroe CPPB	UL Purchasing		502 852-8224 / 852-7160	cmmonr01@louisville.edu
Tom McAndrew	ABEL	GC	502-451-2235 / 451-6485	tmcandrew@abelconstruct.com
Derrick Anderson	Abel	GC	" " " " /	dandersa@abelconstruct.com
Robert Finch	Finch Constructors	MEP	317 916-6770 / 317 916-6774	Finch@Finchconstructors.com
Terri Talbert	Abel	GC	451-2235 / 386-5920	ttalbert@abelconstruct.com
Don Beavin	GBMC Mechanical	MEP	812-282-7701 / 282-7773	GBMC INC 82@AOL.COM
Troy Hardin	R&R Inc of Louisville	MEP	857-9705 / 857-3056	thardin@rrmechanical.net
Rob Abel	Abel	GC	502 451-2235 / 451-6485	rabel@abelconstruct.com
GUS PROBUS	ABEL	G.C.	451-2235 / 451-6485	GPROBUS@ABELCONSTRUCT.COM
LARRY LAMBERT	LAMBERT GLASS CO MIDWEST	Sub	5029373300 / 5029332349	LFGLASS@bellsouth.net
LARRY HARWOOD	CONSTRUCTION PRODUCTS	MAT	502-541-5020 /	lharwood@midwestconstruct.com
GREG KNUE	TP MECHANICAL	MEP	502.525.7050	greg.knue@tpmechanical.com
Steve Blust	TP MECHANICAL	Mech	502-415-2300	steve.blust@tpmechanical.com
Ken Turner	TP Mech	mech	502-551 1880	Kenny.turner@tpmechanical.com
Todd Huberty	Berkel+Co. Contractors	Sub	502-225-0053	thuberty@berkelapg.com
Tom Bailey	HDDS - MBE	Sub	502-589-3903	tbailey@hddsinc.com

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Name	Firm	GC/Sub/ Mat Supplier	Phone / Fax	E-Mail
Curtis Monroe CPPB	UL Purchasing		502 852-8224 / 852-7160	cmmonr01@louisville.edu
Chip White I.K.B.R.C.C.	Indiana/Kentucky/Ohio Carpenters Union		(502)375-8667 375-8673	cwhite@ikorcc.com
Rick Layman	Louisville Paving Co.		363-1726 / 583-6475	rlayman@Lapaving.com
Chris Smyth	Wehr Constructors	GC	491.9280/491.3456	csmyth@wehrconstructors.com
Gary Snellen	Ind. Ky, Ohio Carpenters Union		(270) 401-6527	gsnellen@ikorcc.com
Paul Wagner	Mavrick-Kemper	Sub	502-448-7101/ 502 448 4050	Paulw@Mavrick-Kemper.com
Jim Keller	GRAYHAWK	SUB	499-4644 / 499-4647	JKeller@GRAYHAWK-Ky.com
Larry Johnson	DIVISION ONE	Sub	587-7675 / 583-2933	LJohnson@divisionone.us
John Schroeder	Baker concrete	SUB	513-543/1011	Schroederjr@Bakerconcrete.com
Lester Boyd	Lestar Mineral Dev. Inc.	Mat Sup	879-608 / 9926	lester@lestarinc.com
Glenda Berry	Levy Electric + Plumbing	Mat Sup	502 566-3030 / 502 566 3035	gb@toniLEVYA.com
Toni Levy	"	"	" / "	H@toniLEVYA.com
Dawson Spencer	Division One	Sub	502.641-2474 583-2933	dspencer@divisionone.us
Bob Grace	Turner Const.	GC	513 724-4224	RAGRACE@TCCO.com
Pat Davidson	Aztec Flooring	SUB	513 721-4231 502-638-9004	Pat@aztecflooring.net
David Hogue	Delta Services	sub	502-491-2202	D.Hogue@DeltaService.com
Chris Parks	Vescio Sportsfields	Sub	859-269-7633	cparks@sportsfields.com

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Name	Firm	GC/Sub/ Mat Supplier	Phone / Fax	E-Mail
Curtis Monroe CPPB	UL Purchasing		502 852-8224 / 852-7160	cmmonr01@louisville.edu
Michael Marsh	TMG	GC	502 776 2749 / 776-5897	mike@tmgky.com
Sidney Brigman	American Ready mix	Sup	502 210 1044 / 447-5723 (502)	Dude@American Ready mix. Biz
Joe LeePhillips	American Ready Mix	Sup	502/447-5720/502-447-5723	joelee@americanreadymix.biz
BRAD MOOK	TMG	GC	502-776-2749 502-776-5897	brad@tmgky.com
Mike Donohue	Excel Services	E.C.	502-413-5492/413-6393	mdonohue@excelservices.biz
Pat Ebersold	Wallen Mechanical	M.C.	636-0002 / 636-0004	PEbersold@WallenMechanical.com
Mark Niesse	Messer	GC	261-9775 261-9705	mniesse@messer.com
Doug Stugler	Messer	GC	261-9775/261-9705	dsingler@messer.com
Steve Stragand	Messer	GC	376-0895/261-9705	sstragand@messer.com
Jodi Hitchel	Messer	GC	513/264-6784	jhitchel@messer.com
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MONA KAHNER	CANTERBURY EAST	859/760-8246	mona@cewindows.com
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Frank Comer	Comfort Systems USA	Sub	502 438 0218 P	361 0426 F		frank.comer@comfortsystemsusa.com
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Ryan Gobert	Bailey Tools & Supply	Material	502-635-6348	502-635-6470		rsobert@baileytools.com
Shawn Potect	Advanced Electric Systems	Sub	502-376-5714 cell	502 962-5714		Shawnp@aesco.com
			962-1102 Office			
DONNIE THOMAS	U of L (PE)		502 852-0022	852-5780		DONNIE.THOMAS@LOUISVILLE.EDU
Anthony Mathis	Mathis & Sons, Inc.	GC	(502) 426-1970	426-1979		A.Mathis@Mathisinc.com