

TABLE OF CONTENTS – VOLUME I

BIDDING DOCUMENTS

Notice to Bidders.....	NTB-1 thru NTB-6
Instructions to Bidders.....	ITB-1 thru ITB-5
Bid Form.....	B-1 thru B-6
• Insert – AIA Document A305 (1986), Contractor’s Qualification Statement	
• Insert – AIA Document A310 (1970), Bid Bond – Electronic Format	
• Insert – Subcontractor and Material List	
• Insert – Contractor Safety Information	

CONTRACT FORMS

Crane/Hunt Subcontract Agreement.....	1 thru 15
Sample Contract Administration Forms	
• Insert – SF-26, Subcontractor Payment Application (Cover Sheet)	
• Insert – CF-19C, Subcontract Change Order	
• Insert – SF-310, Certificate Designating Authorized Signature	
• Insert – SF-320, Statement of Subcontractor to Hunt Construction Group, Inc.	
• Insert – SF-330, Affidavit and Partial Waiver of Claims and Liens and Release of Rights	
• Insert – SF-340, Affidavit and Final Waiver of Claims and Liens and Release of Rights	
• Insert – SF-502, Subcontract Performance Bond	
• Insert – SF-503, Subcontract Labor and Material Bond	
• Insert – AIA Document G702 CMA (1992), Application and Certification for Payment – Electronic Format	
• Insert – AIA Document G703 (1992), Continuation Sheet – Electronic Format	
• Insert – AIA Document G704 CMA (1992), Certificate of Substantial Completion – Electronic Format	
• Insert – AIA Document G707 (1994), Consent of Surety to Final Payment – Electronic Format	
Insert – AIA Document G707A (1994), Consent of Surety to Reduction in or Partial Release of Retainage	

TECHNICAL SPECIFICATIONS

Number	Title	Spec Date
DIVISION 01 -GENERAL REQUIREMENTS		
01 1100	SUMMARY	4/13/2012
01 2000	PAYMENT PROCEDURES	4/13/2012
01 2300	ALTERNATES	4/13/2012
01 2514	SUBSTITUTION PROCEDURES DURING BIDDING PHASE	4/13/2012
01 2515	SUBSTITUTION PROCEDURES DURING CONSTRUCTION PHASE	4/13/2012
01 2516	REQUEST FOR SUBSTITUTION (RFS)	4/13/2012
01 2600	CONTRACT MODIFICATION PROCEDURES	4/13/2012
01 3100	PROJECT MANAGEMENT AND COORDINATION	4/13/2012
01 3200	CONSTRUCTION PROGRESS DOCUMENTATION	4/13/2012
01 3300	SUBMITTAL PROCEDURES	4/13/2012
01 3340	REQUEST FOR INFORMATION AND COMPLIANCE PROCEDURES	4/13/2012
01 4000	QUALITY REQUIREMENTS	4/13/2012
01 4200	REFERENCES	4/13/2012
01 5000	TEMPORARY FACILITIES AND CONTROLS	4/13/2012
01 6000	PRODUCT REQUIREMENTS	4/13/2012
01 7300	EXECUTION REQUIREMENTS	4/13/2012
01 7329	CUTTING AND PATCHING	4/13/2012
01 7419	CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL	4/13/2012
01 7700	CLOSEOUT PROCEDURES	4/13/2012
01 7800	PROJECT RECORD DOCUMENTS	4/13/2012
01 7823	OPERATION AND MAINTENANCE DATA	4/13/2012
01 7900	DEMONSTRATION AND TRAINING	4/13/2012
01 8111	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR SCHOOLS	4/13/2012
01 8113	GREEN BUILDING PRODUCT INFORMATION - LEED NC-3.0	4/13/2012
01 8119	INDOOR AIR QUALITY REQUIREMENTS	4/13/2012
01 9113	COMMISSIONING GENERAL REQUIREMENTS	4/13/2012

TABLE OF CONTENTS – VOLUME II

TECHNICAL SPECIFICATIONS

Number	Title	Spec Date
DIVISION 02 -EXISTING CONDITIONS		
02 4119	SELECTIVE DEMOLITION	4/13/2012
DIVISION 03 -CONCRETE		
03 0000	MAINTENANCE OF CONCRETE	4/13/2012
DIVISION 04 -MASONRY		
04 0122	RESTORATIVE CLEANING OF EXTERIOR MASONRY	4/13/2012
DIVISION 05 -METALS		
05 1200	STRUCTURAL STEEL FRAMING	4/13/2012
05 2100	STEEL JOIST FRAMING	4/13/2012
05 3100	STEEL DECKING	4/13/2012
05 4000	COLD FORMED METAL FRAMING	4/13/2012
05 5000	METAL FABRICATIONS	4/13/2012
05 7000	DECORATIVE METAL	4/13/2012
05 5814	SHEET METAL EXHAUST COVERS	4/13/2012
DIVISION 06 -WOOD, PLASTICS, AND COMPOSITES		
06 1000	ROUGH CARPENTRY	4/13/2012
06 1006	WOOD GROUNDS, NAILERS, AND BLOCKING	4/13/2012
06 4023	INTERIOR ARCHITECTURAL WOODWORK	4/13/2012
DIVISION 07 -THERMAL AND MOISTURE PROTECTION		
07 2100	THERMAL INSULATION	4/13/2012
07 2129	SPRAYED-ON INSULATION	4/13/2012
07 2726	FLUID-APPLIED MEMBRANE AIR BARRIER	4/13/2012
07 4213	METAL WALL PANELS	4/13/2012
07 5423	THERMOPLASTIC-POLYOLEFIN ROOFING	4/13/2012
07 6500	FLEXIBLE FLASHING	4/13/2012
07 7213	MANUFACTURED CURBS	4/13/2012
07 7233	ROOF HATCHES	4/13/2012
07 8413	PENETRATION FIRESTOPPING	4/13/2012
07 9000	JOINT PROTECTION	4/13/2012
07 9513	EXPANSION JOINT COVER ASSEMBLIES	4/13/2012
DIVISION 08 -OPENINGS		
08 1114	CUSTOM HOLLOW METAL WORK	4/13/2012
08 1151	PREASSEMBLED METAL DOOR AND FRAME UNIT	4/13/2012
08 1416	FLUSH WOOD DOORS	4/13/2012
08 3113	ACCESS DOORS AND FRAMES	4/13/2012
08 4113	ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS	4/13/2012
08 4413	GLAZED ALUMINUM CURTAIN WALLS	4/13/2012

Earlham College – Renovation for the Natural Sciences

Richmond, IN

Renovation Packages

08 7100	DOOR HARDWARE	4/13/2012
08 8100	GLASS GLAZING	4/13/2012
08 8721	FIREMAN KEY BOX	4/13/2012

DIVISION 09 -FINISHES

09 2116	GYPSUM BOARD ASSEMBLIES	4/13/2012
09 2117	GYPSUM BOARD SHAFT WALL ASSEMBLIES	4/13/2012
09 3013	CERAMIC TILING	4/13/2012
09 5123	ACOUSTICAL TILE CEILINGS	4/13/2012
09 6550	RESILIENT FLOORING	4/13/2012
09 6552	RESILIENT RUBBER BASE	4/13/2012
09 6554	RESILIENT CORK FLOORING	4/13/2012
09 6813	TILE CARPETING	4/13/2012
09 6816	SHEET CARPETING	4/13/2012
09 6900	ACCESS FLOORING	4/13/2012
09 9100	PAINTING	4/13/2012
09 9300	STAINING AND TRANSPARENT FINISHING	4/13/2012
09 9600	HIGH PERFORMANCE COATINGS	4/13/2012
09 9656	EPOXY COATINGS	4/13/2012

DIVISION 10 -SPECIALTIES

10 1000	VISUAL DISPLAY SURFACES	4/13/2012
10 1410	LIFE SAFETY SIGNAGE	4/13/2012
10 2113	METAL TOILET COMPARTMENTS	4/13/2012
10 2126	LIGHTPROOF CURTAIN & TRACK ASSEMBLIES	4/13/2012
10 2600	WALL AND DOOR PROTECTION	4/13/2012
10 2800	TOILET, BATH, AND LAUNDRY ACCESSORIES	4/13/2012
10 4400	FIRE PROTECTION SPECIALTIES	4/13/2012
10 5500	POSTAL SPECIALTIES	4/13/2012
10 5626	MOBILE STORAGE	4/13/2012

DIVISION 11 -EQUIPMENT

11 5213	PROJECTION SCREENS	4/13/2012
11 5223	AUDIO-VISUAL MOUNTS (AUDIO-VISUAL EQUIPMENT)	4/13/2012
11 5313	LABORATORY FUME HOODS AND SAFETY CABINETS	4/13/2012
11 5314	LABORATORY WASHERS, GLASS WARE DRYERS AND STERILIZERS	4/13/2012

DIVISION 12 -FURNISHINGS

12 2400	WINDOW SHADES	4/13/2012
12 3553	LABORATORY TOPS, SINKS, MECHANICAL SERVICE FIXTURES	4/13/2012
12 3556	WOOD – METAL LABORATORY CASEWORK	4/13/2012
12 6855	CUSTOM FIXED TABLES	4/13/2012
12 9213	BICYCLE STORAGE SYSTEM	4/13/2012

DIVISION 14 -FURNISHINGS

14 2400	HYDRAULIC ELEVATORS	4/13/2012
---------	---------------------	-----------

TABLE OF CONTENTS – VOLUME III

TECHNICAL SPECIFICATIONS

DIVISION 21 - FIRE SUPPRESSION

21 0500	COMMON WORK RESULTS FOR FIRE SUPPRESSION	4/13/2012
21 1313	WET-PIPE SPRINKLER SYSTEMS	4/13/2012

DIVISION 22 -PLUMBING

22 0500	COMMON WORK RESULTS FOR PLUMBING	4/13/2012
22 0513	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT	4/13/2012
22 0719	PLUMBING PIPING INSULATION	4/13/2012
22 0800	DOMESTIC HOT WATER COMMISSIONING REQUIREMENTS	4/13/2012
22 1116	DOMESTIC WATER PIPING	4/13/2012
22 1119	DOMESTIC WATER PIPING SPECIALTIES	4/13/2012
22 1316	SANITARY WASTE AND VENT PIPING	4/13/2012
22 1319	SANITARY WASTE PIPING SPECIALTIES	4/13/2012
22 1329	SANITARY SEWERAGE PUMPS	4/13/2012
22 1413	FACILITY STORM DRAINAGE PIPING	4/13/2012
22 1423	STORM DRAINAGE PIPING SPECIALTIES	4/13/2012
22 1429	SUMP PUMPS	4/13/2012
22 4200	COMMERCIAL PLUMBING FIXTURES	4/13/2012
22 4500	EMERGENCY PLUMBING FIXTURES	4/13/2012
22 4716	WATER COOLERS	4/13/2012
22 6113	COMPRESSED-AIR PIPING FOR LABORATORY FACILITIES	4/13/2012
22 6119	COMPRESSED-AOR EQUIPMENT FOR LABORATORY FACILITIES	4/13/2012
22 6213	VACUUM PIPING FOR LABORATORY FACILITIES	4/13/2012
22 6313	GAS PIPING FOR LABORATORY AND HEALTHCARE FACILITIES	4/13/2012
22 6600	CHEMICAL-WASTE SYSTEMS FOR LABORATORY FACILITIES	4/13/2012
22 6700	PROCESSED WATER SYSTEMS FOR LABORATORY FACILITIES	4/13/2012

DIVISION 23 -HEATING VENTILATING AND AIR CONDITIONING

23 0500	COMMON WORK RESULTS FOR HVAC	4/13/2012
23 0513	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	4/13/2012
23 0523	GENERAL-DUTY VALVES FOR HVAC PIPING	4/13/2012
23 0553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	4/13/2012
23 0593	TESTING, ADJUSTING, AND BALANCING FOR HVAC	4/13/2012
23 0700	HVAC INSULATION	4/13/2012
23 0800	HVAC COMMISSIONING	4/13/2012
23 0900	INSTRUMENTATION AND CONTROL FOR HVAC	4/13/2012
23 0950	LABORATORY CONTROL SYSTEMS	4/13/2012
23 0993	SEQUENCE OF OPERATIONS FOR HVAC CONTROLS	4/13/2012
23 1123	FACILITY NATURAL-GAS PIPING	4/13/2012
23 2113	HYDRONIC PIPING	4/13/2012
23 2123	HYDRONIC PUMPS	4/13/2012
23 2213	STEAM AND CONDENSATE HEATING PIPING	4/13/2012
23 2223	STEAM CONDENSATE PUMPS	4/13/2012
23 2300	REFRIGERANT PIPING	4/13/2012
23 2500	HVAC WATER TREATMENT	4/13/2012
23 3113	METAL DUCTS	4/13/2012

Earlham College – Renovation for the Natural Sciences

Richmond, IN

Renovation Packages

23 3416	CENTRIFUGAL HVAC FANS	4/13/2012
23 3423	HVAC POWER VENTILATORS	4/13/2012
23 3600	AIR TERMINAL UNITS	4/13/2012
23 3713	DIFFUSERS, REGISTERS, AND GRILLES	4/13/2012
23 5700	HEAT EXCHANGERS FOR HVAC	4/13/2012
23 7413	PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS	4/13/2012
23 8123	COMPUTER-ROOM AIR-CONDITIONERS	4/13/2012
23 8216	AIR COILS	4/13/2012
23 8219	FAN COIL UNITS	4/13/2012
23 8233	CONVECTORS	4/13/2012
23 8239	UNIT HEATERS	4/13/2012
23 8413	HUMIDIFIERS	4/13/2012

DIVISION 26 -ELECTRICAL

26 0500	COMMON WORK RESULTS FOR ELECTRICAL	4/13/2012
26 0519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES	4/13/2012
26 0526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS	4/13/2012
26 0529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS	4/13/2012
26 0533	RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS	4/13/2012
26 0536	CABLE TRAYS	4/13/2012
26 0553	IDENTIFICATION FOR ELECTRICAL SYSTEMS	4/13/2012
26 0573	OVERCURRENT PROTECTIVE COORDINATION STUDY	4/13/2012
26 0800	COMMISSIONING OF ELECTRICAL	4/13/2012
26 0923	LIGHTING CONTROL SYSTEMS	4/13/2012
26 2200	LOW-VOLTAGE TRANSFORMERS	4/13/2012
26 2416	PANELBOARDS	4/13/2012
26 2713	ELECTRICITY METERING	4/13/2012
26 2726	WIRING DEVICES	4/13/2012
26 2813	FUSES	4/13/2012
26 2816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	4/13/2012
26 2913	ENCLOSED CONTROLLERS	4/13/2012
26 2923	VARIABLE-FREQUENCY MOTOR CONTROLLERS	4/13/2012
26 3213	ENGINE GENERATORS	4/13/2012
26 3600	AUTOMATIC TRANSFER SWITCHES	4/13/2012
	SURGE PROTECTION FOR LOW VOLTAGE ELECTRICAL POWER	
26 4313	CIRCUITS	4/13/2012
26 5100	INTERIOR LIGHTING	4/13/2012

DIVISION 27 -COMMUNICATIONS

27 0500	COMMON WORK RESULTS FOR COMMUNICATIONS	4/13/2012
---------	--	-----------

DIVISION 28 -ELECTRONIC SAFETY AND SECURITY

	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND	
28 0500	SECURITY	4/13/2012
28 3111	ADDRESSABLE FIRE ALARM SYSTEM	4/13/2012