

Solicitation Amendment No. 001

Page 1 of 1

To: Prospective Bidder/Offeror:	Date:
Prospective Proposer	May 21, 2013
Project Title:	Project No.:
A&E Services for Coleman College Expansion Bond Related Project	RFQ 13-29
Description of Solicitation Amendment:	
<p>1. The Request for Qualifications for A&E Services for Coleman College Expansion Bond Related Project (Project No. 13-29) is hereby amended as set forth below:</p> <p style="margin-left: 40px;">II. Document Submission The submittal deadline is hereby changed from May 22, 2013 at 3:00 p.m. (local time), and is extended to May 30, 2013, at 3:00 p.m. (local time).</p> <p>2. Attachment No. 5, Determination of Good Faith Effort, is hereby replaced in its entirety.</p> <p>3. Attachment No. 7, A&E Services for Coleman College Expansion Bond Related Project, Contractor and Subcontractor Participation Form is hereby replaced in its entirety.</p> <p>4. 8.1 Model Content: Model content for Design Models is specified in Attachment B, Model Requirement Matrix is attached herein.</p>	
Acknowledgement of Amendment No. by:	Date:
Company Name (Bidder/Offerer):	
Signed by:	
Name (Type or Print):	Title:

**ATTACHMENT NO. 5
DETERMINATION OF GOOD FAITH EFFORT
PROJECT NO. RFQ 13-29**

Proposer _____

Address _____

Phone _____ Fax Number _____

In making a determination that a good faith effort has been made, HCC requires the Proposer to complete this form as directed below:

Section 1.

After having divided the contract work into reasonable lots or portions to the extent consistent with prudent industry practices, the Proposer must determine what portion(s) of work, including goods or services, will be subcontracted. Check the appropriate box that identifies your subcontracting intentions:

Yes, I will be subcontracting portion(s) of the contract.

(If Yes, please complete Section 2, below and Attachments No. 7 Contractor/Subcontractor Participation Form and No. 8 Small Business Development Questionnaire)

No, I will not be subcontracting any portion of the contract, and will be fulfilling the entire contract with my own resources. (If No, complete Section 3, below.)

Section 2.

In making a determination that a good faith effort has been made, HCC requires the Proposer to complete this form Section and submit supporting documentation explaining in what ways the Proposer has made a good faith effort to attain the goal. The Proposer will respond by answering "yes" or "no" to the following and provide supporting documentation.

(1) Whether the Proposer provided written notices and/or advertising to at least five (5) certified small businesses or advertised in general circulation, trade association and/or small businesses focus media concerning subcontracting opportunities.

(2) Whether the Proposer divided the work into the reasonable portions in accordance with standard industry practices.

(3) Whether the Proposer documented reasons for rejection or met with the rejected small business to discuss the rejection.

(4) Whether the Proposer negotiated in good faith with small businesses, not rejecting qualified subcontractors who were also the lowest responsive bidder.

NOTE: If the Proposer is subcontracting a portion of the work and is unable to meet the solicitation goal or if any of the above items (1-4) are answered "no", the Proposer must submit a letter of justification.

Section 3.

SELF PERFORMANCE JUSTIFICATION

If you responded "No" in SECTION 1, please explain how your company will perform the entire contract with its own equipment, supplies, materials, and/or employees.

(Signature of Proposer)

(Title)

(Date)

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ATTACHMENT NO. 7

HCC PROJECT NO. RFQ 13-29, A&E SERVICES FOR COLEMAN COLLEGE EXPANSION BOND RELATED PROJECT CONTRACTOR AND SUBCONTRACTOR PARTICIPATION FORM

PROPOSER/OFFERER PRESENTS THE FOLLOWING PARTICIPANTS IN THIS SOLICITATION AND ANY RESULTING CONTRACT. ALL PROPOSERS/OFFERORS, INCLUDING SMALL BUSINESSES SUBMITTING PROPSALS AS PRIME CONTRACTORS, ARE REQUIRED TO DEMONSTRATE GOOD FAITH EFFORTS TO INCLUDE SMALL BUSINESSS IN THEIR PROPOSAL SUBMISSIONS.

CONTRACTOR	TYPE OF WORK TO BE DONE	TYPE OF SMALL BUSINESS CERTIFICATION	PERCENT OF CONTRACT EFFORT	
BUSINESS NAME: _____ ADDRESS: _____ CONTACT NAME: _____ TELEPHONE #/E-MAIL ADDRESS: _____				
SMALL BUSINESS SUBCONTRACTOR(S)/ATTACH SEPARATE SHEET IF NEEDED				
BUSINESS NAME: _____ ADDRESS: _____ CONTACT NAME: _____ TELEPHONE #/E-MAIL ADDRESS: _____				
BUSINESS NAME: _____ ADDRESS: _____ CONTACT NAME: _____ TELEPHONE #/E-MAIL ADDRESS: _____				
NON-SMALL BUSINESS SUBCONTRACTOR(S)/ATTACH SEPARATE SHEET IF NEEDED				
BUSINESS NAME: _____ ADDRESS: _____ CONTACT NAME: _____ TELEPHONE #/E-MAIL ADDRESS: _____				
BUSINESS NAME: _____ ADDRESS: _____ CONTACT NAME: _____ TELEPHONE #/E-MAIL ADDRESS: _____				

BUSINESS NAME: _____
 ADDRESS: _____
 SUBMITTED BY: _____
 TELEPHONE/FAX: _____
 E-MAIL ADDRESS: _____

DATE SUBMITTED _____

BIM Level of Development Matrix version 1.0

Project Name	BIM Lead (Design)	Date:
Building Name	BIM Lead (Construction)	Use of Matrix: Matrix is organized to be additive, whereas subsequent phases indicate only building elements and information in addition to previous phases. Elements indicated are required to be shown in model. Project Teams shall enter additional items where building specific building element to be modeled are agreed to be the Project Team. Additional lines or columns may be added where appropriate. Refer to Princeton Design Standards for additional requirements to be included.
Building Number	Phase	

Physical Properties of BIM Objects and Elements

General	Site & Landscaping	Architecture	Structural	Mechanical	Plumbing & Fire protection	Electrical and Communications
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LEVEL OF DETAIL

A/E - Schematic Design	Program & Space Compliance	Existing Site Conditions	Building	Overall structure	Overall Mechanical	Overall Plumbing	Overall Electrical/ Data
Overall Building Massing Indicative of Area, Height, Volume, Location, and Orientation.	Program Requirements	Survey of Existing conditions	Building exterior elevations	Foundation design	Existing mechanical HVAC equipment and site equipment	Existing plumbing equipment	<i>Identify connection to major utilities</i>
	Gross Area	Major landscaping features and conditions	Major floor elevations	Preliminary framing design	Major components	Major components	Power
	Net/Gross Calc.	Existing structures	Partition locations	Major bracing locations	Major mechanical equipment	Locations of vertical shafts	Lighting
	Interior Plannable Area	Major trees and vegetation	Relative wall thickness	Locate typical bay	Major vertical shafts		Emergency and UPS systems
	Space Volume	Outcroppings	Relative floor thickness	Seismic Classifications	Mech room configuration	<i>Identify connections to major utilities</i>	Special grounding
	Area and room names	Fences and barriers	Mechanical areas	Geotechnical data/ constraints	<i>Identify connections to major utilities</i>	Water	Communications
	Capacity information (number of beds, seating, etc.)	Existing contours	Vertical transportation, elevators, stairs, etc		Steam	Special water (deionized)	Fire detection systems
	Departmental assignments	Property lines	Significant mechanical and electrical equipment		Chilled water	Sewer	<i>Electrical/ Data Load criteria.</i>
	Interior space allocation and utilization	Layout of leases or easements	Fire areas		Natural gas	Specialty gases (systems or tanks)	<i>Major components of existing system</i>
	Zoning setbacks	Subsoil characteristics	Fire walls			Vacuum	Power
	Code Compliance/ Occupant Safety Requirements		Smoke zones		Indicate existing intakes and exhausts relationships to:	Compressed air	Communications
	Applicable Codes	Site utilities plan	Travel distances		Loading docks		Fire protection
	Occupancy/Capacity	Manholes, drains, utility access	Areas of refuge		Kitchen	Fire Protection	Data
	Building Type, Classification.	Location of preliminary soil boring	General Roof Plan		Emergency generator	Existing fire protection equipment and systems	<i>Major components for proposed systems</i>
	Code Sheet Information Checklist					Major components	Power
	Accessibility Programming Document	Proposed Site Development (Block out)				Fire Pump need	Communications
	Security Programming Document	Project site strategies and options for local environmental impacts such as stormwater management, wind, etc.					Fire protection
		Paved surfaces					Security
	Energy Analysis	Major streets					Major feeder routes
	MEP Design Intent	Other vehicular routes					Elec room configuration
	Green Strategies/ Sustainability Charrette	Walks					Service entrance locations
	SD Energy Model	Pedestrian access routes					Event power needs
	Utility demand: Gas, Steam, Elec	Bicycle paths and parking					Daylight harvesting
	Water demand: Domestic, irrigation, etc	Parking with handicapped locations					
	Building daylight and shadow strategies	Indication of service areas and other paved surfaces					
	LEED & Building Commissioning Requirements	Structures					
	LEED (Registr. Vs Equivalency)	Outbuilding or sheds					
	LEED checklist	Limits of work					
CX strategy (single vs thrid party)	Future surrounding improvements						

BIM Level of Development Matrix version 1.0

Project Name	BIM Lead (Design)	Date:
Building Name	BIM Lead (Construction)	Use of Matrix: Matrix is organized to be additive, whereas subsequent phases indicate only building elements and information in addition to previous phases. Elements indicated are required to be shown in model. Project Teams shall enter additional items where building specific building element to be modeled are agreed to be the Project Team. Additional lines or columns may be added where appropriate. Refer to Princeton Design Standards for additional requirements to be included.
Building Number	Phase	

Physical Properties of BIM Objects and Elements

General	Site & Landscaping	Architecture	Structural	Mechanical	Plumbing & Fire protection	Electrical and Communications
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A/E - Design Development
Overall Building Blocking and Stacking Indicative of Area, Height and Volume

<i>Program/Space Compliance</i>	<i>Proposed Site Development</i>	<i>General Building</i>	<i>Structure</i>	<i>Mechanical</i>	<i>Plumbing & Fire Protection</i>	<i>Electrical</i>
Zone/Space Name	Paved surfaces	Wall and partition thickness/ types and schedules	Structural, each level	Block layouts of mechanical equipment	Block layout of plumbing equipment	Block layout of electrical systems
Zone/Space Number	Streets and curbing	Spaces (program, non- program rooms and circulation)	Bearing walls	Layout of major components in equipment rooms	Block layout of fire protection equipment	Block layout of fire alarm
Room Name	Vehicular routes	Mechanical distribution spaces (shafts, above ceiling spaces, etc)	Major bracing locations	Major ductwork shafts	Existing plumbing equipment	Existing electrical equipment
Room Numbering (final)	Soil erosion and sediment control	Stairs	Typical bay	Major HVAC piping routing	Existing site plumbing and fire protection	Existing site electrical and communications
Code Compliance/ Occupant Safety Requirements	Site lighting plan	Ladders	Preliminary sizing of major components	Approximate equipment sizes and system capacities	Layout of major components in equipment rooms	Lighting plans
Egress Requirement	Grading plan	Floor elevations and floor-to-floor dimensions	Columns	Required space for equipment maintenance	Major plumbing and fire protection routing	Data Plans
Fire Resistance Ratings	Demolition and removals	Major programmatic equipment.	Girders	Required chases and clearances	Required space for equipment maintenance	Layout of major components in equipment rooms
Control Zone	Landscape layout	Major MEP equipment	Beams	Acoustical and vibration control	Approximate equipment sizes and system capacities	Required spaces for equipment maintenance
Code sheet refinements	Landscape materials	Skylights	Joists	Service entrance locations	Service entrance locations	Major components of communication distribution pathway
Wind wake analysis	Planting plan and schedules	Light wells	Footings			Approximate equipment sizes and system capacities
	Accessibility plan	Roof drain and equipment locations	Foundation walls			Service entrance locations
Energy Analysis		Fire walls	Grade beams			Engine generator sets
MEP Basis of Design		Smoke walls				
LCCA Studies		Smoke zones				Interior and exterior lighting
DD Energy Model		Roof elements				
DD Envelope studies, review		Ceiling				
		Materials				
Energy Analysis		Finishes				
Building envelope analysis		Artwork				
Utility company rebates		Elevators (type size and capacity)				
Construction						
Construction marshalling information						
Location for excavated material						
Site access routes						
Indications of phasing						
Limits of work						

LEVEL OF DETAIL

A/E - 50% CD Model

Generalized Systems or Assemblies with Approximate Quantities, Size, Shape, Location, and Orientation.

<i>Construction</i>	<i>Proposed Site Development</i>	<i>General Building</i>	<i>Structure</i>	<i>Mechanical</i>	<i>Plumbing & Fire Protection</i>	<i>Electrical</i>
Indications of phasing	Major landscaping	Accurate door size, and swings	Column references	Mechanical equipment room ductwork	Mechanical equipment room piping	Electrical distribution pathway
Limits of work	Walks, walls, ramps, stairs	Safety and protective elements	Major bracing	Mechanical equipment room piping	Specialty gas horizontal piping	IT Distribution pathway
Indication of future surrounding improvements	Location of signage	Fire extinguishers	All additional framing members	Duct work horizontal distribution to rooms areas	Laboratory service horizontal piping	Electrical panel locations
Indication of artwork	Utilities & connections	Fire hoses	Slabs (pits, depressions, equip. pads)	Piping horizontal distribution to rooms, areas	Fire protection horizontal distribution	All equipment
Location of signage	Security measures	Millwork and casework	Stairs	Fire dampers	Sprinkler heads	Lighting fixtures
Location(s) of construction sign	Location arrangement of water treatment equipment	Fixed equipment	Shaft and opening details	Smoke dampers	All Equipment	Electrical outlets
	Location arrangement of storm water elements	Portable equipment	Vibration isolation details	Balancing dampers	Pumps	Devices
	Fire Protection Site Plan	Plumbing fixtures placed and identified	Large mechanical equipment and anchorage	Indicate smoke detectors	Tanks	Telephone, data outlets
	Planting Soils Plan	Roof slope, drains, davits, rails	Typical framing details	Within ducts	Connections to all mechanical room	Low voltage systems
		Ceilings (including no-fly zones/ access points.			Vibration Isolation	
		Lighting fixtures, exit signs	Standard structural steel connections	In air-handling units		Cable tray
		Diffusers, Registers	Waterproofing	All equipment		Conduit 1 1/2 " and larger
		Sprinkler heads	Damp proofing	Air conditioning systems		Conduit racks
		Ceiling-mounted equipment	Sub drainage	Exhaust systems		Equip panels, lighting schedules
		Program specific equipment (CFCI, OFCI,	Critical clearances	Refrigerator systems		Security systems
		Wall-mounted items	Relieving angles	Air conditioning		
		Shelving and special features	Masonry shelves	Ventilation units		
		Future utility zones		Refrigeration elements		
		Stairs, ladders		Chillers		
		Specialty wall treatments (EMF shielding,		Fans		
		Specialty program equipment		Pumps		
				Connections to all mechanical room equipment		
		Building Security Zones		Vibration Isolation		
				Registers, grilles, connections, dampers		
				Piping 1 1/2 " and larger		

Houston Community College Attachment B		BIM Level of Development Matrix version 1.0							
		Project Name		BIM Lead (Design)		Date:			
		Building Name		BIM Lead (Construction)		Use of Matrix: Matrix is organized to be additive, whereas subsequent phases indicate only building elements and information in addition to previous phases. Elements indicated are required to be shown in model. Project Teams shall enter additional items where building specific building element to be modeled are agreed to be the Project Team. Additional lines or columns may be added where appropriate. Refer to Princeton Design Standards for additional requirements to be included.			
		Building Number		Phase					
		Physical Properties of BIM Objects and Elements							
		General	Site & Landscaping	Architecture	Structural	Mechanical	Plumbing & Fire protection	Electrical and Communications	
LEVEL OF DETAIL	A/E - 85% Construction Model		<i>Proposed Site Development</i>	<i>General Building</i>	<i>Structure</i>	<i>Mechanical</i>	<i>Plumbing & Fire Protection</i>	<i>Electrical</i>	
	Specific Assemblies that are Accurate in Terms of Size, Shape, Location, Quantity, and Orientation Note: Matrix assumes model is essentially complete at 85% Construction Documents, requiring final adjustments, and that balance of document completion includes only final 2D information and details.		Minor landscaping	Signage location Interior planting	All bracing Sizing of all components Special provisions for installation or removal of equipment Locate grades Cleanout manholes Trenches Area wells Elevator pits Pipe sleeves through footings Pipe sleeves through below grade walls Nonstandard beam to column framing	Final schedules, lists, details	Piping room and/or area distribution Connections to all distribution devices Dimensioned FP piping routes, layout Final details, schedules	Connections to all room and area devices Details, schedules	
	CM - Construction Model/ As-Built Model	Include relevant zones, areas rooms as established in Design BIP and documented in Design Model	Include relevant contractors information on excavation, depth, unusual characteristics.	- Building elements and systems shall be tagged as required in BIM Spec and outlined in Attachment C, Maintainable Sample Items List. List shall be compiled by Project Team and approved by Princeton University - Construction model shall include final location, configuration, and related detailed information and intelligence of building elements from contractor / vendor's native software and as outlined in BIM Specification - BIP should document elements of Design Model that will be used in Construction Model, such as partitions, envelope, etc., and define similar elements that will be modeled by subcontractor. - Include sufficient architectural and other detail for Model's use after project is complete (example rails, column covers, other notable elements).					
	Specific Assemblies that are Accurate in Terms of Size, Shape, Location, Quantity, and Orientation with Complete Fabrication, Assembly, Installation and Detailing Information.		Streets, curbs, etc	Wall bracing and studs necessary to ensure coordination between trades (specify below)	Structural steel components	Mechanical equipment : Major equipment, maintainable equipment, service entry points, etc.	Plumbing equipment, including service entry points	Electrical , and other system equipment, including service entry points	
		Related subsurface utilities	Exterior wall/ facade/ window construction to level of detail to ensure coordination between trades.	Connections, plates gussets, etc., including fasteners.	Equipment access points, clearances	Equipment access clearances	Equipment access clearances		
		Walkways, paths	Signage with related tags	Penetrations through members	Equipment pads, hangers, racks, vibration control	Equipment pads, racks, hangers, vibration control.	Equipment pads, racks, hangers, vibration control.		
		Stormwater elements and equipment		Miscellaneous steel, including exterior wall supports, bracing, connections Concrete deck, including edge plates	Duct systems, including ductwork, flanges, joints, access panels,	Piping systems including piping 1 1/2 " and larger	Conduit 1 1/2 " and larger		
		Indications of roofing type, system, related to details and other relevant information.		Concrete slabs	Indicate duct liner and insulation	Indicate hangers and racks to the extent required to coordinate with other trades.	Indicate hangers and racks to the extent required to coordinate with other trades.		
		Hardscape		Foundations, grade beams, elevator pits.	Sleeves and penetrations through walls, floors, etc.	Include sleeves and penetrations through walls and floors	Include sleeves and penetrations through walls and floors		
				Architectural concrete, stairs, etc Concrete reinforcing, as required to coordinate with other trades Concrete penetrations and imbeds	Fire dampers Smoke detectors		Cable tray Electrical devices, junction boxes		
				Spray fire proofing as required for coordination	All piping systems: Include piping 1 1/2 " and larger	Indicate hangers and racks to the extent required to coordinate with trades.	Lighting		
				Concrete, including thickness,	Include panels and related work in connection with controls		Lighting controls, switches		
				Ornamental stairs, rails, etc. as required to coordinate with other trades.	Indicate hangers and racks to the extent required to coordinate with trades. Include panels and related work in connection with controls		Security devices Smoke detection and alarm system components and distribution		

		5.A.6.4.a Plans	
		Complete construction documents for HVAC, Plumbing, and Fire Protection	
		Symbols legend sheet	
		Plans	
		Elevations	
		Sections	
		Notes	
		Details	
		Riser diagrams	
		Schedules	
		Control diagrams	
		Specifications	
		Completed calculations	
		Sanitary	
		Invert elevations for sewage system	
		Legends	
		Notes	
		Details	
		Site plan	
		Sized equipment	
		Profiles greater than 60 m	
		Original grade	
		Finished grade	
		Manholes	
		Inlets	
		Pipe size	
		Road and walk crossings	
		Elevations of other pertinent utilities	
		5.A.6.4.b Reports	
		Mechanical design report	
		Update Basis of Design	
		5.A.6.5 Electrical and Communications	
		All Electrical documentation will:	
		Be a minimum of 95% completed	
		Be coordinated with similar activities in other disciplines	
		Address all remarks from Construction Documentation 70% phase	
		5.A.6.5.a Drawings	
		Conceptual design	
		Floor plans	
		Ceiling plans	
		Plot plan	
		Electrical distribution plan	
		Riser diagrams	
		One line diagrams with size and fault currents	
		For all switchgear	
		For all switchboards	
		For all panel boards	
		Feeder sizes	
		Transformer sizes	
		5.A.6.5.b Reports	
		Electrical design report	
		Update Basis of Design	
		Specifications	
		5.A.6.6 Summary	
		All reports and other documentation will:	
		Be a minimum of 95% completed	
		Be coordinated with similar activities in each discipline	
		Address all remarks from the Construction Document 70% phase	
		Basis of Design report	
		Cost estimates	
		Specifications	
		Schedules	
		All design calculations	
		Presentation	
		Finished rendering	
		Final model	
		Reviews	
		Respond in writing to all 70% of Construction Document comments	
		Submit all documents for review	
		Attend review meetings as necessary to answer questions	