



**City of Pompano Beach, Purchasing Division
1190 N.E. 3rd Avenue, Building C
Pompano Beach, Florida, 33060**

December 4, 2012

**ADDENDUM #1, BID H-03-13
CONSTRUCTION OF FIRE STATION 103**

To Whom It May Concern,

The deadline for written questions has been extended to **5:00 p.m. on December 20, 2012**. No further questions will be accepted after this date. All questions are to be submitted in writing to the Purchasing Office, 1190 N.E. 3rd Avenue, Building C (Front), Pompano Beach, Florida 33060; questions may be submitted by fax to (954) 786-4168, or by email to purchasing@copbfl.com. All questions must include the inquiring firm's name, address, telephone number, fax number, and bid name and number.

The bid opening date is changed to **January 18, 2013 at 2:00 p.m.** Bids are to be submitted to the City of Pompano Beach, Purchasing Office, 1190 N.E. 3rd Avenue, Building C (front) Pompano Beach, Florida 33060.

Attached is a copy of the LEED checklist for this project. This checklist is complimentary to specification section 018113.

The remainder of the solicitation is unchanged at this time.

Acknowledge receipt of this Addendum in the area provided on Page 15 of the bid.

Very truly yours,

Leeta Hardin
General Services Director

Enclosure

cc: website
file



LEED New Construction

Project: Pompano Beach Fire Station 103

Certification Goal: Certified

501 Spinnaker, Weston, FL 33326

Date: Sept 20, 2012

(954) 217-3614

www.thespinnakergroupinc.com

LEED-BD +C Version 2009 Registered Project Checklist

Achievability

Y				D	PI f1	Minimum Program Requirements	0	Check all boxes, initial, and mark as Complete.
Y				D	PI f2	Project Summary Details	0	Fill in all boxes, initial, and mark as Complete.
Y				D	PI f3	Occupant and Usage Data	0	Fill in all boxes, initial, and mark as Complete.
Y				D	PI f4	Schedule and Overview Documents	0	Fill in all boxes, initial, upload documents, and mark as Complete.
49	3	6	52	Total Project Score				Possible Points

Certified 40 to 49 points **Silver** 50 to 59 points **Gold** 60 to 79 points **Platinum** 80 or more points

17	0	0	9	Sustainable Sites	Possible Points	26	Requirements
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High Med Low No

Y				C	Prereq 1	Construction Activity Pollution Prevention	0	Develop erosion & sedimentation control plan for const. activities. Prevent loss of soil by stormwater run off or wind erosion Prevent sedimentation of storm sewers or receiving streams Prevent pollution of the air with dust particles
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1				D	Credit 1	Site Selection	1	Choose site that is not: Prime farmland, Undeveloped and elevation < 5 ft. above FEMA 100 yr flood, Land identified as habitat for fed or state endangered species, Undeveloped and within 50 ft water body defined by the clean Water Act, Public parkland.
5				D	Credit 2	Development Density and Community Connectivity	5	Choose a previously developed site in a community with a minimum density of 60,000 SF/Acre or within 1/2 mile of 10 basic services and a residential neighborhood with an average density of 10 units per acre.
			1	D	Credit 3	Brownfield Redevelopment	1	Build on a registered brownfield. Defined as a brownfield by a local, state, or federal government agency, or documented as contaminated (by means of an ASTM E1903-97 Phase II Environmental Site Assessment or a local voluntary cleanup program).
			6	D	Credit 4.1	Alternative Transportation, Public Transportation Access	6	Select site within 1/2 mile of a light rail or subway OR within 1/4 mile of a bus stop used by 2 or more bus lines (measured from a main building entrance).
1				D	Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	1	Commercial or Institutional Projects: Provide secure bicycle racks for 5% of the building users & shower/changing facilities for 0.5 % of FTE occupants. Residential Projects: Provide covered storage for bicycles for 15% of building occupants.
3				D	Credit 4.3	Alternative Transportation, Low-Emitting and Fuel Efficient Vehicles	3	Provide preferred parking for low-emitting and fuel efficient vehicles for 5% of the total vehicle parking. OR Install alternative-fuel fueling stations for 3% of the total vehicle parking capacity.
2				D	Credit 4.4	Alternative Transportation, Parking Capacity	2	Size parking not to exceed local zoning requirements and preferred car/vanpool parking for 5% total parking spaces, OR Provide for less than 3% of FTE Building occupants and preferred parking for carpools for 3% of spaces, OR Provide no new parking. Residential: Provide programs to facilitate shared vehicle use.

		1	C	Credit 5.1	Site Development, Protect or Restore Habitat	1	Greenfield limit disturbance to less than beyond 40 ft-building, 10 ft-walkways, 15 ft-driveways and 25 ft-permeable surfaces. OR Previous developed, restore the > 50% of the site area (excluding bldg footprint) or 20% site area with native or adaptive vegetation
1			D	Credit 5.2	Site Development, Maximize Open Space	1	Provide vegetated, open space to exceed local zoning reqs. by 25%. OR Where there are no local reqs. for open space, provide vegetated, open space equal to bldg footprint. OR Where zoning ordinance exists but no req. for open space, provide 20% open space.
1			D	Credit 6.1	Stormwater Design, Quantity Control	1	Exist. impervious <50%: Prevent post development peak discharge rate and quantity from exceeding the predevelopment for the 1 and 2 yr 24hr design storm Exist. imperviousness is >50%: Decrease volume of the 2-yr, 24-hr runoff by 25%.
1			D	Credit 6.2	Stormwater Design, Quality Control	1	Use BMPs to treat 90% of the annual rainfall. Remove 80% of the TSS load based on existing monitoring reports, OR There exists infield performance monitoring data demonstrating compliance with the criteria.
1			C	Credit 7.1	Heat Island Effect, Non-Roof	1	Use high reflectance paving materials, an open grid pavement system and/or provide shade for 50% of the site's hardscape, OR Place a minimum of 50% of parking spaces under cover.
1			D	Credit 7.2	Heat Island Effect, Roof	1	Specify a high reflectance roofing material for 75% of the roof surface, OR 50% green roof, OR combination.
		1	D	Credit 8	Light Pollution Reduction	1	Int. Light reduce input power of nonemergency int. luminaires w/ a direct line of sight by > 50% 11 p.m. - 5 a.m. OR Must have shielding for a transmittance of < 10%. Ext: Light areas only req. for safety and comfort. Must not exceed ASHRAE Standard 90.1-2007.

4				0		2		4		Water Efficiency		Possible Points	10	Requirements
High	Med.	Low	No											
Y				D	Prereq 1	Water Use Reduction	0	Use high-efficiency fixtures, waterless urinals, and occupant sensors to reduce potable water use by 20%. (Not including irrigation)						
2				D	Credit 1	Water Efficient Landscaping,	2	Reduce potable water use for landscaping by 50% using efficient irrigation techniques, drought resistant plants and/or captured rainwater						
		2					2	Meet above AND Use no potable water for landscaping.						
				D	Credit 2	Innovative Wastewater Technologies	2	Reduce potable water use for sewage conveyance by 50% through the use of water-conserving fixtures or recycled graywater. OR Treat 50% of wastewater on-site to tertiary standards. Treated water must be infiltrated or used on-site.						
2				D	Credit 3	Water Use Reduction,	2	Use high-efficiency fixtures, waterless urinals, and occupant sensors to reduce potable water use by 30%. (Not including irrigation)						
			1				1	Reduce potable water use by 35%.						
			1				1	Reduce potable water use by 40%.						

6				0		3		26		Energy & Atmosphere		Possible Points	35	Requirements
High	Med.	Low	No											
Y				C	Prereq 1	Fundamental Building Systems Commissioning	0	Designate an independent CxA to verify that all energy-related systems are installed, calibrated and perform according to the design. Develop OPR, BOD, Commissioning Plan and complete Commissioning Reports.						

Y				D	Prereq 2	Minimum Energy Performance	0	10% Reduction in the building energy cost based on ASHRAE 90.1. Use energy efficient lighting, high performance glazing, high efficiency HVAC systems, HVAC energy recovery units and high performance building envelope
Y				D	Prereq 3	CFC Reduction in HVAC&R Equipment	0	Do not use chlorofluorocarbon CFC- based refrigerants
1				D	Credit 1	Optimize Energy Performance	1	12% Reduction in the building energy cost based on ASHRAE 90.1. Use energy efficient lighting, high performance glazing, high efficiency HVAC systems, HVAC energy recovery units and high performance building envelope
1							1	14% Reduction in the new building energy cost
1							1	16% Reduction in the new building energy cost
1							1	18% Reduction in the new building energy cost
1							1	20% Reduction in the new building energy cost
		1					1	22% Reduction in the new building energy cost
			1				1	24% Reduction in the new building energy cost
			1				1	26% Reduction in the new building energy cost
			1				1	28% Reduction in the new building energy cost
			1				1	30% Reduction in the new building energy cost
			1				1	32% Reduction in the new building energy cost
			1				1	34% Reduction in the new building energy cost
			1				1	36% Reduction in the new building energy cost
			1				1	38% Reduction in the new building energy cost
			1				1	40% Reduction in the new building energy cost
			1				1	42% Reduction in the new building energy cost
			1				1	44% Reduction in the new building energy cost
			1				1	46% Reduction in the new building energy cost
			1				1	48% Reduction in the new building energy cost
1				D	Credit 2.1	Renewable Energy	1	Install systems to capture solar, wind, water or geothermal energy to produce electricity or offset heating, cooling or water heating energy consumption by 1%.
			1				1	3% renewable energy provided

			1				1	5% renewable energy provided
			1				1	7% renewable energy provided
			1				1	9% renewable energy provided
			1				1	11% renewable energy provided
			1				1	13% renewable energy provided
			2	C	Credit 3	Enhanced Commissioning	2	Designate an independent CxA to review design documents before 03/02/12, back check 100% CD, review contractor submittals, systems manual, training, and verify operation within 10 months after substantial completion.
			2	D	Credit 4	Enhanced Refrigerant Management	2	Do not use refrigerants OR select refrigerants that minimize or do not contribute to ozone depletion
			3	C	Credit 5	Measurement & Verification	3	Develop a measurement and verification plan for building energy consumption. Install meters on all equipment and lighting panels.
		2		C	Credit 6	Green Power	2	Provide a 2 yr contract with a Green-e Energy producer for least 35% of the building's electricity from renewable sources as defined by the Building Owners and Managers Association Standards

5	2	0	7	Materials & Resources		Possible Points	14	Requirements
High	Med.	Low	No					
Y				D	Prereq 1	Storage & Collection of Recyclables	0	Provide an accessible area or areas that for the collection and storage of materials for recycling for the entire building. Materials must include at a minimum paper, corrugated cardboard, glass, plastics and metals.
			1	C	Credit 1.1	Building Reuse, Maintain Existing Walls, Floors, and Roof	1	Reuse 55% of the existing building shell (excluding windows), floors and roof.
			1				1	Reuse 75% of the existing building shell (excluding windows), floors and roof.
			1				1	Reuse 95% of the existing building shell (excluding windows), floors and roof.

			1	C	Credit 1.2	Maintain Interior Non Structural Elements	1	Re-use 50% of the existing Building interior Non-structural elements. NOT APPLICABLE if the project includes an addition with SQ.FT. more than 2 times the existing building.
1				C	Credit 2.1	Construction Waste Management	1	Recycle and/or salvage nonhazardous construction and demolition debris. Develop and implement a construction waste management plan. Recycle 50% of the site construction/demolition waste by weight or volume.
1							1	Recycle 75% of the site construction/demolition waste by weight or volume.
			1	C	Credit 3	Material Reuse	1	Use salvaged, refurbished or reused materials for 5% of the bldg material costs. MEP and specialty items such as elevators cannot be included. Include materials permanently installed in the project. Furniture may be included if it is included consistently.
			1				1	Use salvaged, refurbished or reused materials for 10% of the bldg material costs.
1				C	Credit 4.1	Recycled Content	1	Use materials w/ recycled content, post consumer + 1/2 of pre-consumer recycled content > 10% of the building material costs. Furniture may be included if it is included consistently
	1						1	Use materials w/ recycled content, post consumer + 1/2 of pre-consumer recycled content > 20% of the building material costs.
1				C	Credit 5	Regional Materials	1	Use building materials that have been extracted, harvested or recovered and manufactured within 500 miles of the project site for a minimum of 10% of the building material costs. Furniture may be included if it is included consistently
	1						1	Use building materials that have been extracted, harvested or recovered and manufactured within 500 miles of the project site for a minimum of 20% of the building material costs.
			1	C	Credit 6	Rapidly Renewable Materials	1	Use rapidly renewable building materials for 2.5% of the total value of all building materials.
1				C	Credit 7	Certified Wood	1	Use min. 50% (based on cost) wood-based materials & products that are certified with Forest Stewardship Council's principles & criteria. Furniture may be included if it is included consistently

10	0	1	4	Indoor Environmental Quality		Possible Points	15	Requirements
High	Med.	Low	No					
Y				D	Prereq 1	Minimum IAQ Performance	0	Meet the minimum requirements of Sections 4 through 7 of ASHRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality (with errata but without addenda1). AND Meet Mechanically and/or Naturally Ventilated Space requirements.
Y				D	Prereq 2	Environmental Tobacco Smoke (ETS) Control	0	No smoking inside bldg & within 25 ft of bldg entries OR Prohibit smoking in bldg except in designated smoking areas designed to contain, capture and remove ETS from the bldg and no smoking within 25 ft of entries. Residential & Hospitality Projects have add. req.
1				D	Credit 1	Outdoor Air Delivery Monitoring	1	Install monitoring systems to ensure ventilation maintains design min. reqs. Equipment to alarm when airflow or CO2 vary by > 10% from design values, by BAS alarm to the bldg operator or alert bldg occupants AND Meet mech. and/or naturally ventilated space reqs.
			1	D	Credit 2	Increased Ventilation	1	Mech. Ventilated Spaces: Increase breathing zone outdoor air ventilation rates to all occupied spaces >30% above the min. rates required by ASHRAE Standard 62.1-2007. Nat. Ventilated Spaces: Design for occupied spaces to meet (CIBSE)
1				C	Credit 3.1	Construction IAQ Management Plan, During Construction	1	Develop and implement an IAQ management plan. During construction, protect ductwork and absorptive materials from water and dust AND protect air handling equipment being used during construction
		1		C	Credit 3.2	Construction IAQ Management Plan, Before Occupancy	1	Develop and implement an IAQ management plan. Flush Out: prior to occupancy or with occupancy. Testing: Prior to occupancy.
1				C	Credit 4.1	Low-Emitting Materials, Adhesives & Sealants	1	Adhesives, Sealants and Sealant Primers must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168. Volatile organic compound (VOC) limits, effective date of July 1, 2005 and rule amendment date of January 7, 2005.

1				C	Credit 4.2	Low-Emitting Materials, Paints and Coatings	1	Paints/coatings used on the int. of the bldg must comply: Arch. paints/coatings-Green Seal Standard GS-11, Anti-corrosive paints limit of 250 g/L-Green Seal Standard GC-03, Clear wood finishes, limits-South Coast Air Quality Management District Rule 1113,
1				C	Credit 4.3	Low-Emitting Materials, Flooring Systems	1	Carpet meets Carpet and Rug Institute's Green Label Plus. Cushion meets CRI Green Label. Adhesive meets VOC limit of 50 g/L. Hard flooring must be FloorScore. Floor finishes meets SCAQMD Rule 1113 Tile setting adhesives meets SCAQMD Rule 1168.
1				C	Credit 4.4	Low-Emitting Materials, Composite Wood and Agrifiber Products	1	Use particle board, MDF, plywood and door cores that contain no added urea-formaldehyde. Laminating adhesives used to fabricate on-site and shop-applied must not contain added urea-formaldehyde resins.
			1	D	Credit 5	Indoor Chemical & Pollutant Source Control	1	Control entry of pollutants into bldgs. & cross-contamination of reg. occupied areas: Permanent entryway systems \geq 10 ft long. Exhaust hazardous gases/chemical areas, Provide self-closing doors & deck-to-deck partitions or hard-lid ceiling, Install new air filtration media \geq MERV 13, Containment for disposal of hazardous liquid wastes.
1				D	Credit 6.1	Controllability of Systems - Lighting	1	Provide individual lighting controls for > 90% of the occupants. Provide lighting systems controls for share multi-occupant spaces to enable adjustment.
1				D	Credit 6.2	Controllability of Systems - Thermal Comfort	1	Provide individual comfort controls > 50% of the bldg occupants AND provide comfort controls for shared multi-occupant spaces. C & S projects that do not purchase and/or install the mech. system and/or operable windows have not met the intent of this credit.
1				D	Credit 7.1	Thermal Comfort, Design	1	Provide comfortable thermal environ. meets ASHRAE Standard 55-2004.
1				D	Credit 7.2	Thermal Comfort, Verification	1	Achieve EQ 7.1 and agree to conduct a thermal comfort survey of building occupants within 6-18 months of occupancy. Provide for Corrective Action if over 20% are dissatisfied
			1	D	Credit 8.1	Daylight & Views, Daylight	1	Computer Simulations, or Prescriptive Calculation, or Measurement, or Combination demonstrate > 75% regularly occupied spaces achieve required daylight illuminance levels

			1	D	Credit 8.2	Daylight & Views, Views	1	Achieve a direct line of sight to the outdoor environment via vision glazing for building occupants in 90% of all regularly occupied areas.
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6	0	0	0	Innovation & Design Process		Possible Points	6	Requirements
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High	Med.	Low	No					
1				C	Credit 1.1	Innovation in Design: Education	1	Achieved through any combination of Innovation in Design and Exemplary Performance PATH 1. Innovation in Design (1-5 points) PATH 2. Exemplary Performance (1-3 points)
1				C	Credit 1.2	Innovation in Design: Green Cleaning	1	Achieved through any combination of Innovation in Design and Exemplary Performance PATH 1. Innovation in Design (1-5 points) PATH 2. Exemplary Performance (1-3 points)
1				C	Credit 1.3	Innovation in Design: Green Pest Control, IPM	1	Achieved through any combination of Innovation in Design and Exemplary Performance PATH 1. Innovation in Design (1-5 points) PATH 2. Exemplary Performance (1-3 points)
1				C	Credit 1.4	Innovation in Design: Low Mercury Lighting	1	Achieved through any combination of Innovation in Design and Exemplary Performance PATH 1. Innovation in Design (1-5 points) PATH 2. Exemplary Performance (1-3 points)
1				C	Credit 1.5	Innovation in Design: Exemplary SSc 5.2	1	Achieved through any combination of Innovation in Design and Exemplary Performance PATH 1. Innovation in Design (1-5 points) PATH 2. Exemplary Performance (1-3 points)
1				C	Credit 2	LEED™ Accredited Professional	1	At least 1 principal participant of the project team shall be a LEED Accredited Professional (AP).

1	1	0	2	Regional Priority		Possible Points	4	Requirements
High	Med.	Low	No					
1				D/C	Credit 1.1	Regional Priority: SSc 2 Development Density & Community Connectivity	1	One point is awarded for each Regional Priority credit achieved; no more than 4 credits identified as Regional Priority credits may be earned. Projects outside of the U.S. are not eligible for Regional Priority credits.
	1			D/C	Credit 1.2	Regional Priority: MRc 5 Regional Materials	1	One point is awarded for each Regional Priority credit achieved; no more than 4 credits identified as Regional Priority credits may be earned. Projects outside of the U.S. are not eligible for Regional Priority credits.
			1	D/C	Credit 1.3	Regional Priority: EAc 2 Renewable Energy	1	One point is awarded for each Regional Priority credit achieved; no more than 4 credits identified as Regional Priority credits may be earned. Projects outside of the U.S. are not eligible for Regional Priority credits.
			1	D/C	Credit 1.4	Regional Priority: Specific Title	1	One point is awarded for each Regional Priority credit achieved; no more than 4 credits identified as Regional Priority credits may be earned. Projects outside of the U.S. are not eligible for Regional Priority credits.

END OF SECTION 018113