



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

September 11, 2012

ADDENDUM #4, BID T-61-12

**PUBLIC SAFETY COMPLEX EXTERIOR IMPROVEMENTS AND EMERGENCY
GENERATOR INSTALLATION**

To Whom It May Concern,

No further technical specification questions will be accepted for this project.

Please review the following questions submitted by potential bidders, and answers from the City.

The following information pertains to the (8) eight Addendum #4 items that have been created for Bid T-61-12, Public Safety Complex Exterior Building Improvements and Generator Installation. These files have been posted on our website at www.mypompanobeach.org (Addendum #4 folder)

Question 1: On page L-300 the Bollard Lay-out plan indicates the Concrete Bollard locations with-in the Landscape areas around the Public Safety Building & the Fire Administration Building. The Concrete Bollard Detail for Type "A" bollards shown on the enlarged detail appears to be a single bollard installed in a jobsite foam concrete footing. The detail (see attached DOS Bollard) for the "Anti-Ram Bollard" system in accordance with the Department of State Design for K12/L3 is different than the bollard detailed on L-300. The manufacturer's "Anti-Ram" Bollard assembly has a continuous barrier which is spliced together in a straight line configuration.

Answer 1: THE REQUIREMENTS FOR THE BOLLARDS IS ONLY FOR A "K4 DESIGN" (NOT K12/L3). ADDITIONAL INFORMATION ON THESE BOLLARDS WILL FOLLOW.

Question 2: If the precast concrete bollard units from the manufacture is required, the detail needs to be changed. The wave style lay-out would not be possible since the units are provided in a four (4) bollard section in a straight-line. The intersection with the landscaping / trees would not be possible with the continuous barrier.

Answer 2: THE REQUIREMENTS FOR THE BOLLARDS IS ONLY FOR A "K4 DESIGN" (NOT K12/L3). ADDITIONAL INFORMATION ON THESE BOLLARDS WILL FOLLOW.

Question 3: Please confirm whether or not the criteria for the complete “Anti-Ram” bollard system is necessary or can individual bollards in the wave pattern with-out the continuous barrier is acceptable?

Answer 3: THE REQUIREMENTS FOR THE BOLLARDS IS ONLY FOR A “K4 DESIGN” (NOT K12/L3). ADDITIONAL INFORMATION ON THESE BOLLARDS WILL FOLLOW.

Question 4: Does the new “pre-cast concrete” cornice, wainscot & cladded items to be finished with a waterproofing sealer or finish coat?

Answer 4: NO. WATERPROOFING SHALL BE BEHIND ALL PRECAST ELEMENTS.

Question 5: On page D-1 & D-2 the demolition plans do not indicate information in regards to existing parking lines & traffic markings to accommodate the new pavement markings & symbols shown on the Engineering Plans (C-1 thru C-3); what is necessary for the existing parking lines & wheel stops?

Answer 5: ALL EXISTING PAVEMENT MARKINGS WILL BE REMOVED; THE REMOVAL WILL BE ACHIEVED BY MILLING THE PAVEMENT AS INDICATED ON THE ENGINEERING PLANS (MILLING TO INCLUDE ENTIRE SITE). ALL WHEEL STOPS TO BE REPLACED.

Question 6: On page A-200 the existing Flag Pole at the front of the Public Safety Building is to be removed (see note #9); is the pole need to be replaced?

Answer 6: YES – THE FLAGPOLE SHALL BE REPLACED.

Question 7: On page L-103 the detail (see #4) for Tree Protection is provided; which trees need to be protected?

Answer 7: PER SHEET L-101, “EXISTING TREE AND PALM TO REMAIN” SHALL BE PROTECTED. REFER TO THE TREE OR PALM SYMBOL ON THE PROVIDED LEGEND WHERE THE SYMBOL CONTAINS AN ANGLED HATCH PATTERN.

Question 8: On page S-202 the “Typical Column Connection Detail” is shown to provide support for the new window systems. The horizontal steel tube beam & braces are indicated, but there is no information shown for the columns or vertical support; provide information.

Answer 8: THE HORIZONTAL TUBE IS BEING HUNG FROM THE SLAB ABOVE. THE STORE FRONT BELOW THE TUBE IS A SYSTEM DESIGNED BY A SPECIALTY ENGINEER AS PART OF THE STOREFRONT SUBMITTAL PACKAGE BY THE CONTRACTOR. STRUCTURALLY STEEL COLUMNS BELOW THE HORIZONTAL TUBE ARE NOT REQUIRED. THE HORIZONTAL TUBE IS SUPPORTED FROM THE HORIZONTAL CONCRETE BEAM (DETAIL B / S-202) OR IS BEING HUNG FROM THE DECK ABOVE (DETAIL C / S-202). IF THE WINDOW SYSTEM OR STOREFRONT SYSTEM REQUIRES VERTICAL MEMBERS, THE SPECIALTY ENGINEER (UNDER THE CONTRACTOR) SHALL BE RESPONSIBLE TO PROVIDE THEM.

Question 9: On the typical wall sections shown on page A-300, note #3 refers to the interior building repairs required to be performed to install the new window systems & steel supports. Who is responsible for moving personnel, owner's items such as furniture & equipment which need to be move or relocated during construction?

Answer 9: CONTRACTOR WILL WORK WITH THE CITY FOR SPACES THAT HAVE TO BE TEMPORARILY UNOCCUPIED FOR THE SCOPE OF WORK. CONTRACTOR IS ONLY RESPONSIBLE FOR THE RELOCATION OF ITEMS IMPACTED BY THIS PROJECT / SCOPE OF WORK.

Question 10: On the typical wall sections shown on A-300 thru A-302 indicates a finish ceiling which terminates into the window mullion header. The existing office which the contractors were allowed to inspect at the walk-through has a recessed drapery pocket for the window blinds. Does the remedial work required to patch & repair the existing ceiling need to provide for window blinds to match existing or new window treatments need to be included in the bid?

Answer 10: CONTRACTOR IS RESPONSIBLE TO RETURN ROOM TO CONDITION PRIOR TO CONSTRUCTION. ANY DAMAGED ITEMS AS A RESULT OF THE WORK MUST BE REPAIRED TO MATCH CONDITION BEFORE WORK COMMENCES. CONTRACTOR IS ONLY RESPONSIBLE TO MOVE ITEMS BACK THAT THEY MOVE OUT OF THE WAY.

Question 11: At the Main Entry of the Public Safety Building there are two (2) bowl shaped items (see A-302); are these furnished by owner? If not, provide specifications.

Answer 11: CONTRACTOR PURCHASED, CONTRACTOR INSTALLED DECORATIVE CONCRETE PLANTER. SEE ADDITIONAL SKETCH FOR CLARIFICATION (A-303 AND CONCRETE PLANTER). NOTE – SEE A-101 AND A-302 FOR ADDED ENTRY HANDRAILS (3 TOTAL) AT MAIN ENTRY STAIRS TO BE INCLUDED IN BID.

Question 12: On the typical "ME" elevation plans it is noted that "existing" surface mounted equipment is to remain; what is the intent for these items which are attached to the existing exterior tile of the buildings that is to be removed and new stucco finish & architectural pre-cast cladding to be added?

Answer 12: CONTRACTOR SHALL PROTECT AND NOT DISRUPT FUNCTIONALITY OF EQUIPMENT THAT MUST BE TEMPORARILY MOVED, EXTENDED, AND RECONNECTED FOR THE APPLICATION OF NEW FINISHES.

Question 13: The caliper listed for the Shade Trees and Flowering trees (3-4" Diameter at Breast Height) is inconsistent with the heights specified (12-14'). This D.B.H. is generally associated with trees in the 14-16' height range. Please clarify which is the governing specification for the trees on this project.

Answer 13: THE FOLLOWING SHADE AND ORNAMENTAL SPECIFICATIONS SUPERSEDE WHAT IS SHOWN ON THE PLANT MATERIAL LIST ON L-200 AS WELL AS THE ONE ON L202. ALL MATERIAL SHALL BE FLORIDA NO. 1 OR BETTER:

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>HEIGHT; SPREAD; CALIPER*</u>
QUERCUS VIRGINIANA	LIVE OAK	13'-14'; 5'-6'; 4" CAL.
QUERCUS VIRGINIANA 'QVITA PP 11219'	HIGH RISE LIVE OAK	13'-14'; 5'-6'; 4" CAL.
SWIETENIA MAHOGANY	MAHOGANY	11'-12'; 5'-6'; 4" CAL.
LAGERSTROEMIA 'TUSCARORA'	PINK CRAPE MYRTLE	9'-10'; 4'-5'; 3" CAL.**

* CALIPER MEASUREMENT SHALL BE TAKEN SIX INCHES (6") ABOVE GRADE IF THE TREE CALIPER IS FOUR INCHES (4") OR LESS. TREES GREATER THAN FOUR INCHES (4") IN CALIPER SHALL BE MEASURED AT TWELVE INCHES (12") ABOVE GRADE.

** CRAPE MYRTLE'S SHALL BE MULTI-TRUNK; 3 TO 4 MINIMUM TRUNKS; MATCHED

Question 14: There are no sizes or material callouts for the chain link fence.

Answer 14: SEE A-606 AND ATTACHED UPDATED CHAIN LINK FENCE SPECIFICATION FOR CLARIFICATION.

Question 15: Aluminum fence drawings show 3 rail manufactured mechanical fence. Specs say 2 line with no manufacturer called out and the panel sizes do not match any existing manufactured panels. Also, specs call for 7'0" high and the drawings show 6'0" high. Please clarify.

Answer 15: 3 RAILS AND 6'-0" FENCE HEIGHT. SEE ATTACHED DECORATIVE FENCE SPECIFICATION FOR CLARIFICATION.

Question 16: Sheet A-606 (Chain link fence details) illustrates the use of 2 1/2" top rail. This is uncommon for top rail size. Can contractor use 1 5/8" top rail in lieu of 2 1/2"?

Answer 16: 2-1/2" TOP RAIL REQUIRED FOR DESIRED DURABILITY FOR THIS FENCE.

Question 17: Please specify line post size – 2", 2 1/2", etc.

Answer 17: 2-1/2" LINE POST.

Question 18: Sheet A-606 makes reference to 6" gate post to be used. Are we to assume that all corner post/terminal post are to be 6" as well?

Answer 18: CORRECT

Question 19: Please specify the following: gauge size of vinyl chain link fence fabric, type of motor the City would like to use, type of keypad systems to be used. Are we to integrate this system to an existing system?

Answer 19: 11 GAUGE WIRE MESH AT DOG KENNELS, 9 GAUGE EVERYWHERE ELSE. ALL CHAIN LINK FENCING SHALL BE VINYL COATED BLACK AS INDICATED ON SHEET A-606. NOTE THAT DOG KENNELS REQUIRE AN ADDITIONAL MESH OVER TOP OF CAGES PER DETAIL 3, SHEET A-607. SHEET ME-100 TYPICAL FOR ALL SECURITY GATES- 4 LOCATIONS ON SITE:

- 1) KEYNOTES 15, 16, 17 SPECIFICALLY APPLY.
- 2) CONTRACTOR SHALL COORDINATE WITH THE MOTORIZED GATE PROVIDER AND PROVIDE ALL POWER AND CONTROLS, GATE SYSTEMS AND ACCESS CONTROL HEAD END PANELS.
- 3) CONTRACTOR SHALL PROVIDE A PROXIMITY READER AT ALL MOTORIZED GATES AND INTERFACE TO GATE CONTROLS AND ACCESSORIES.
- 4) CONTRACTOR SHALL PROVIDE AN ACCESS CONTROL KEY PAD AND CALL BOX AT THE SOUTH GATE LOCATION ONLY.
- 5) CONTRACTOR SHALL PROVIDE EQUIPMENT VENDORS THAT ARE ACCEPTABLE AND INTEGRATE WITH THE PREVAILING CITY OF POMPANO SYSTEMS VENDORS. BASIS OF PERFORMANCE SELECTION IS AMAG OR CITY PRE APPROVED EQUIVALENT MANUFACTURERS.
- 6) CONTRACTOR SHALL PROVIDE THE SERVICES OF A CITY APPROVED INTEGRATOR AND INSTALLER TO TEST, COMMISSION, TERMINATE AND INTEGRATE THE NEW GATE ACCESS SYSTEMS INTO THE PREVAILING CITY SYSTEMS. CONTRACTOR SHALL WARRANTY THE ENTIRE SYSTEM.
- 7) CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS, INTERCONNECTIONS, TESTING AND CERTIFICATION RELATED TO ACCESS SECURITY SYSTEMS AND HARDWARE, UNLESS THE CITY DOCUMENTS OTHERWISE IN THIS ADDENDUM AS TO THEIR CARD ACCESS VENDOR SCOPE.

Question 20: Aluminum picket fence specs are calling for a 10-yr warranty on the finish. Currently the only manufacturer offering that type of warranty is Ameristar. Is the Architect requesting the use of this material of Ameristar Products ONLY, or will he accept a less finish warranty, i.e. 5 years.

Answer 20: 5 YEAR WARRANTY ACCEPTABLE; SEE UPDATED FENCE SPECIFICATION ATTACHED FOR CLARIFICATION.

Question 21: Since the scope of the interior work adjacent to windows is not indicated or detailed enough to price, will the City issue an allowance for the interior scope that is not shown nor were bidders allowed to review all areas. It was noted that in just one room, bidders were allowed to see that break metal, window treatments, acoustical ceilings and sheet rock returns painting are all going to be affected in most openings to the extent on all windows. The use of an allowance would at least give bidders and the City something to go by instead of all this work becoming a change order after contract award. It is an unknown as far as if the verticals are even reusable and/or the quantity/shape of break metals required to reattach ceilings, walls, window treatments, etc.

Answer 21: CONTRACTOR IS RESPONSIBLE TO RETURN ROOM ORIGINAL CONDITION PRIOR TO CONSTRUCTION. ANY DAMAGED ITEMS AS A RESULT OF THE WORK MUST BE REPAIRED TO MATCH CONDITION BEFORE WORK COMMENCES. CONTRACTOR IS ONLY RESPONSIBLE TO MOVE ITEMS BACK THAT THEY MOVE OUT OF THE WAY.

Question 22: In reference to coping replacement/installation, will the lightning protection system require a new US certification since the majority has to be removed and reinstalled on the new coping.

Answer 22: LIGHTNING PROTECTION SYSTEM WILL REQUIRE RETESTING AND RECERTIFICATION FOR UL AND MASTER LABEL REQUIREMENTS.

Question 23: Will the City's card access vendor be connecting and disconnecting electronic hardware at doors to be replaced? Will the City's vendor also supply and install additional power supplies, extend wiring, etc. to make existing system operational with the new hardware and new doors.

Answer 23: CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS, INTERCONNECTIONS, TESTING AND CERTIFICATION RELATED TO SECURITY DOOR HARDWARE, UNLESS THE CITY DOCUMENTS OTHERWISE IN THIS ADDENDUM AS TO THEIR CARD ACCESS VENDOR SCOPE.

Question 24: The exterior wall that is to be removed for new stucco is approx. 1/14" – 1/34" thickness. Please advise: for items that are now flush with tile face wall, will there be an added stucco band around to build out to current face of items? Please indicate locations of control joints as well.

Answer 24: FOR AREAS OF THE EXISTING BUILDING FAÇADE THAT ARE CURRENTLY FLUSH WITH THE TILE, THESE AREAS SHALL BE REMOVED ALONG WITH THE TILE DOWN TO THE CMU / CONCRETE WALL SO THAT THE ENTIRE NEW EXTERIOR FINISH SYSTEM IS APPLIED TO A CONTINUOUS SUBSTRATE.

Question 25: Due to thickness change from tile to stucco and damaged stucco stop already noted in areas existing, should all stucco stop/2-pc. reglets be replaced for new finish systems?

Answer 25: YES ALL STUCCO STOPS / 2 PIECE REGLETS SHALL BE REPLACED FOR NEW FINISH SYSTEM.

Question 26: Regarding tree and palm relocations, can they be relocated in one move from their current location to the new location shown on the landscape plans? If not, will there be an area on site to store them until the site is ready? If relocations are to be stored on site, will there be a point of contact available to provide temporary irrigation or will they need to be watered by a water truck or other means?

Answer 26: TREES/PALMS TO BE RELOCATED SHALL BE LOCATED TO THEIR FINAL LOCATION IN A SINGLE MOVE. TEMPORARY STORAGE OR HOLDING WILL NOT BE REQUIRED.

Question 27: Will access be available through the building for the materials for the courtyard on sheet L-201 or will we need to include a crane to hoist materials in?

Answer 27: ACCESS TO THE INTERNAL COURTYARD VIA INTERNAL BUILDING ROUTES/HALLWAYS WILL BE PERMITTED AS LONG AS THOSE ACTIVITIES ARE COORDINATED WITH THE OWNER AND THE ARCHITECTURAL FAÇADE IMPROVEMENTS/CONSTRUCTION.

Question 28: The following shrub specs are excessive for Florida Nursery Grades and Standards for the 3 gallon container specified:

Chrysobalanus icaco 'Red-tip' @ 24-30" x 24-30"
Philodendron Xanadu @ 18-24" x 18-24"
Schefflera arboricola 'trinette' @ 24-30" x 18-24"

These specs are more consistent with a 7 gallon plant. Will a 3 gallon Florida #1 plant at a decreased height and spread be acceptable?

Answer 28: PER PLANTING NOTES ON L-203, "ALL PLANT MATERIAL SHALL MEET OR EXCEED THE SIZE ON THE PLANT LIST. IN ALL CASES MEETING THE HEIGHT AND THE SPREAD SPECIFICATIONS SHALL TAKE PRECEDENCE OVER CONTAINER SIZE". IF THE HEIGHT/SPREAD SIZES SPECIFIED REQUIRE A LARGER CONTAINER, CONTRACTOR IS TO UTILIZE LARGER CONTAINERS.

Question 29: Who will be responsible for the tree removals, saw cutting of existing hardscape in the courtyard and excavation (2' depth) in the courtyard?

Answer 29: THE CONTRACTOR IS RESPONSIBLE FOR COURTYARD DEMOLITION AS DETAILED IN THE DRAWINGS. ALSO, SEE NO. 27 ABOVE.

Question 30: Please verify the plant quantities required for the two Cocoplum beds by the North Gate on sheet L202. The east bed quantity (125) appears to be excessive for the square footage depicted based upon the 24" on center spacing.

Answer 30: CONTRACTOR SHALL PROVIDE 55 COCOPLUM (NOT 125) IN THE BED IN QUESTION, ON THE EAST SIDE OF THE NORTH GATE (L-202).

Question 31: For tree staking, are the "Tree Guy Anchoring Systems" shown in detail 3 on sheet L-203 required or will standard landscape industry tree staking methods be acceptable?

Answer 31: A DIFFERENT TREE GUY/SUPPORT SYSTEMS IS ACCEPTABLE AS LONG AS IT IS:

- A) AT NO ADDITIONAL COST;
- B) IS COMPARABLE ('APPROVED EQUAL') TO THE SPECIFIED SYSTEM;
- C) IT MEETS ANSI A300 STANDARD; AND,
- D) CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTION DURING CONSTRUCTION PER THE BID DOCUMENTS

Question 32: We have found the following discrepancies between the plan take-off quantities and the plant list quantities:

Sheet L-200:

Species	Plant List Quantity	Take-Off Quantity
Quercus virginiana (QPP)	27	28
Philodendron Xanadu	545	550

Answer 32: AS STATED IN PLANT NOTES ON SHEET L203, PLANTING PLANS TAKE PRECEDENT OVER PLANT LIST. CONTRACTOR IS CORRECT, THE QUANTITIES ARE 28 QUERCUS VIRGINIANA AND 550 PHILODENDRON XANADU.

Question 33: A-500 STOREFRONT/ DOOR SCHEDULE. Please provide Hardware Sets for openings #'s 121, 122, 123, 124, 125, 126, and verify Set 2 for openings #'s 106, 107, 108, 117, 118. Also confirm that any manufacture's names, or catalog numbers used in Specifications/ Door Schedule are for the sole purpose of establishing minimum requirements of quality/ standards of performance, and "Equal Quality, Performance and Approved" alternate will be acceptable.

Answer 33: SHEET A-500 HAS BEEN UPDATED PER REQUEST FOR ADDITIONAL HARDWARE INFORMATION (SEE ATTACHED SHEET A-500). ON THE UPDATED A-500, SEE DETAIL 2 "HARDWARE SCHEDULE AND DETAIL 3 "STOREFRONT / DOOR SCHEDULE". ON DETAIL 2, PRODUCT NAMES HAVE BEEN INCLUDED HOWEVER EQUAL QUALITY, PERFORMANCE AND APPROVED ALTERNATES ARE ACCEPTABLE. NOTE THAT ALL KEYING MUST BE COORDINATED WITH CITY'S VENDOR AS INDICATED ON DETAIL 2.

Question 34: On page L-300 the Bollard Lay-out plan indicates the Concrete Bollard locations with-in the Landscape areas around the Public Safety Building & the Fire Administration Building. The Concrete Bollard Detail for Type "A" bollards shown on the enlarged detail appears to be a single bollard installed in a jobsite foam concrete footing. The detail (see attached DOS Bollard) for the "Anti-Ram Bollard" system in accordance with the Department of State Design for K12/L3 is different than the bollard detailed on L-300. The manufacturer's "Anti-Ram" Bollard assembly has a continuous barrier which is spliced together in a straight line configuration.

Answer 34: THE ANTI-RAM BOLLARD SHOWN ON THE REVISED L-300, DATED SEPTEMBER 2012, IN THE SERPENTINE ALIGNMENT SHALL BE AMERISTAR 19965-48 BOLLARD OR APPROVED EQUAL. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SERPINTINE DESIGN AND COORDINATING THE ALIGNMENT WITH THE BOLLARD CONTRACTOR AS WELL AS WITH THE LANDSCAPE CONTRACTOR.

Question 35: If the precast concrete bollard units from the manufacture is required, the detail needs to be changed. The wave style lay-out would not be possible since the units are provided in a four (4) bollard section in a straight-line. The intersection with the landscaping / trees would not be possible with the continuous barrier.

Answer 35: "THE WAVY STYLE LAY-OUT" SHALL BE AMERISTAR 19965-48 BOLLARD OR APPROVED EQUAL. THE ANTI-RAM BOLLARD HAS BEEN DESIGNED TO PROVIDE 18" OF COVER BETWEEN THE TOP OF THE CONCRETE FOOTER AND THE FINISH GRADE TO ACCOMMODATE THE SHRUBS SHOWN ON THE LANDSCAPE DRAWINGS. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE GAPS IN THE ANTI-RAM BOLLARD CONCRETE FOOTER, AS DESCRIBED ON L-300, TO PROVIDE ROOM FOR THE PROPOSED SHADE TREE'S ROOT BALL ALONG THE "WAVY STYLE LAY-OUT" ALIGNMENT".

Question 36: Please confirm whether or not the criteria for the complete “Anti-Ram” bollard system is necessary or can individual bollards in the wave pattern with-out the continuous barrier is acceptable?

Answer 36: RESPONSE FOR 3: THE “ANTI-RAM” BOLLARD SHALL BE AMERISTAR 19965-48 BOLLARD OR APPROVED EQUAL. INSTALLATION SHALL BE IN THE ALIGNEMNT SHOW ON L-300, DATED SEPTEMBER 2012, AND PER THE TECHNICAL DATA PROVIDED.

The deadline for acceptance of sealed bids in the Purchasing Office, 1190 N.E. 3rd Avenue, Bldg. C, Pompano Beach, 33060, is 2:00 p.m. (local), September 25, 2012.

The remainder of the solicitation is unchanged at this time. Acknowledge receipt of this Addendum in the area provided on Page 14 of the bid.

Sincerely,

Otis J. Thomas
Purchasing Agent

cc: website
file