



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 222-2317
Fax: (401) 222-6387
TDD: (401) 222-1228
Web Site: www.purchasing.ri.gov

2/24/2006

ADDENDUM # 4

BID B05991

BID TITLE: Concrete Work for the New Training School

OPENING DATE AND TIME: 2/28/06 @ 11:15 am

This addendum is being issued to address questions that have been posed regarding this solicitation and to publish the attendance sheet for the Pre-Bid Conference

**William J. Anderson, C.P.M.
Purchasing Administrator
State of Rhode Island
One Capitol Hill
Providence, RI 02908
Tel: (401) 222-2142 x 120
Fax: (401) 222-6387
Wanderson@purchasing.state.ri.us**

✓ FEB - BID

RTTS

FEB - 1, 2006

Attendance Sheet

Name	Company	Phone	E-Mail
ARTHUR SCOTHON	FLEET CONST	401-333-2550	ARTHUR@FLEET CONSTRUCTION.COM
Peter Vlckins	Capco Steel	401.821.1222 x 211	pvlckins@capcorp.com
Steve Grande	Grande Machinery	401-781-4797	sgrande@grandemachinery.com
GEORGE KINNEAR	Stansbury	508.399.0910	CKINNEAR@STANSBURYANDSONS.COM
Koni DeRobbio	Capital City Concrete	401-275-0900	kdebbio@capitalcityconcrete.com
Mike Cesano	Site Tech Corp	401 490-7483	mesano@sitetechcorp.com
Dale J. Letourneau	Solinas & Stewart	401-272-8791 x 7412	dletour@solinas.net
Bill Anderson	DOA - Purchasing	401-222-2142 x 120	-
John Lost	Rice Greene Assoc.	262-563-9154	john@ricegreene.com
DAVID MUST	"	"	david@ricegreene.com
DAVID FREDER	DOA-CPPM PROJECT	401-222-1489	DFREDER@DOA.STATE.NJ
David S. Odeh	Odeh Engineers	401-724-1771	odeh@odehengineers.com
Kevin Marini	"	"	marini@odehengineers.com
Ed Burke	Berlin Steel	810.828.2517	edburke@berlinsteel.com
DAVID MUST	RIce GREENE ASSOC.	212-863-9154	david@ricegreene.com
Steve Good	Berlin Steel	860.828.2516	sgood@berlinsteel.com
Michael Vaillant	Pare Engineering Corp	401-334-4100	mvaillant@parecorp.com
Scott Lindgren	Pare Engineering Corp	401 334-4100	slindgren@parecorp.com

Addendum #4

This Addendum includes:

- Clarifications (Refer to Section 1)
- Specifications (Refer to Section 2 for additions or revisions)
- Drawings (Refer to Section 3 for additions or revisions)
- Other (Refer to Section 4)

SECTION 1 – Clarifications

1. The deadline for bid questions is Thursday, February 23, 2006 at 5PM.

SECTION 2 – Specification Additions/Changes/Revisions

1. Bulletin #5- Specification revisions- 02741, 03300

SECTION 3 – Drawing Additions/Changes/Revisions

1. Bulletin #5- Refer to Bulletin narrative for drawings which have been revised

SECTION 4 – Other

1. Revised Bid Form
2. Bulletin #5 Narrative
3. Concrete Questions #3
4. Masonry Questions #3

PART 1 – Document 00410 – Bid Form

Date: _____

To: *The Department of Administration, Division of Purchases
One Capitol Hill, Providence, RI 02908*

Project: *THE RHODE ISLAND TRAINING SCHOOL FOR YOUTH
Youth Assessment Facility & Youth Development Facility*

Submitted by: _____
(include
Address, tel.
& fax nos. _____

1. BID

Having examined the Place of the Work and all matters referred to in the Instructions to Bidders, and in the Contract Documents for the above mentioned project, we the undersigned hereby offer to enter into a Contract to perform the Work for the Sum of:

_____ (\$ _____)
(written, and _____ numerically)

The Bid Sum submitted above is based upon adoption of the insurance requirements noted in Document 00700 – General Conditions.

We have included the specified Contingency Allowance from the Scope of Work Document

Contingency Allowance

Youth Assessment Facility- Fifty Thousand Dollars	(\$50,000.00)
Youth Development Facility- One Hundred Thousand Dollars	(\$100,000.00)

We have included the required Bid Security as required by the Invitation to Bid.

2. ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for **sixty days** from the bid closing date. If the Owner accepts this bid within the time period stated above, we will:

- Execute the Agreement subject to compliance with required State regulatory agency approvals as described in the Invitation to Bid.
- Furnish the required bonds in compliance with amended provisions of the Instructions to Bidders.
- Commence work within seven days after receipt of a Purchase Order from the Rhode Island State Division of Purchases.

If this Bid is accepted within the time stated, and we fail to commence the Work, or we fail to provide the required Bonds, the security deposit shall be forfeited as damages to the Owner by

reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this Bid and the bid upon which a contract is signed.

In the event our Bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

3. CONTRACT TIME

If this Bid is accepted, we will respect the start and completion dates outlined in the Scope of Work, assuming a Purchase Order issued no later than 60 days from submission of bid.

MILESTONE SCHEDULE DATES

- | | |
|---|-----------------------|
| 1. Anticipated Date of Contract Award: | On or about 4/3/06 |
| 2. Submit Shop Drawing: | Two Weeks After Award |
| 3. Commence Jobsite work for the proposal: | On or About 4/20/06 |
| 4. Complete Jobsite work for this proposal: | 9/15/07 |

4. ADDENDA

The following Addenda have been received, and inserted into the Project Manual. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum No. 1, dated _____ Addendum No. 4, dated _____
Addendum No. 2, dated _____ Addendum No. 5, dated _____
Addendum No. 3, dated _____ Addendum No. 6, dated _____

5. BID FORM SIGNATURE(S)

(Bidder's Name)

By: _____

Title: _____

Corporate Seal:

END OF DOCUMENT 0410

Concrete Questions #3

1. When will we receive the Project manual produced by Gilbane?

Gilbane response- The Project Manual is currently available from Service Point

2. When will a detailed schedule be issued?

Gilbane response- A detailed schedule shall not be issued at this time. Contractor is to comply with the milestone dates issued within the bid package. Trade Contractor understands that both YAF and YDF sites are under construction simultaneously.

3. Please clear up the statement made at the meeting (pre-bid) that the site contractor performs site concrete. See Scope Item 5 under Bid Package 03A.

Gilbane response- Concrete Trade Contractor (03A) shall perform work as indicated by Bid Package Scope of Work Item #5. Refer also to Addendum #3 for additional clarification.

4. Do the Contingencies include overhead and profit when using these items during the job.

Gilbane response- The Contingency is inclusive of the cost of additional work and the allowable markups.

5. Please issue a more detailed schedule.

Gilbane response- Refer to question #2 above

Part 2 – Scope item questions

6. Where a specific item is told to us to carry, is it implied "To carry where shown?" What we do not want to have happen later is, during construction when it is discovered it is needed or added we are told "You owned it anyway as it was listed in your scope."

Gilbane response- It is the responsibility of the Concrete Trade Contractor to complete the work as described in the 03A Bid Package and Contract Documents. Concrete Trade Contractor is responsible to provide necessary labor, tools, equipment and services to carry out his/her work.

7. Item #10- Is it your intent for us to caulk a joint at dissimilar materials? Is it your intent for us to caulk at dissimilar materials where we went first?

Gilbane response- Provide caulking and backer rod as required by the contract documents within the cast-in-place concrete systems. Provide caulking and backer rod as required by the contract documents between your work and dissimilar materials if concrete installation follows the installation of adjacent material.

8. Item #11- What are the FF/FL's? What type of measurement to be used? How are we to measure if a slab is poured on a Friday with the 24 hour requirement? If we are to use the face system, do we go by their 72 hours or your 24 hour time?

Gilbane response- The FF/FL requirements are noted on the structural drawings. Measurement and testing methods shall comply with ACI standards for testing Floor Flatness and Floor Levelness. Revise Scope of Work item so that FF/FL shall be tested within 72 Hours as per ACI standards.

9. Item #12- We assume we are to provide what is shown, and that we only provide what is on MEP plans?

Gilbane response- Concrete Trade Contractor shall be responsible for providing ANY formed depressions and box-outs for all MEP items as stated in the Scope Item #12. Concrete Trade Contractor is responsible to review all drawings for such.

10. Item #14- Do we clean off the loose ferrules or do we break off and clean ferrules?

Gilbane response- Clean off loose ferrules.

11. Item #15- Do we set the dowels as shown on drawings or does the mason have a different spacing and location?

Gilbane response- Dowel locations are shown on the drawings.

12. Item #16- Please provide the specific of rubbing, such as type, projections, hole sizes, etc.

Gilbane response- The finished produce must be acceptable to Gilbane and the Owner.

13. Item #18- It is implied by this requirement that slab on grade goes before steel. Please confirm with job schedule.

Gilbane response- Scope Item #18 is the responsibility of the Concrete Trade Contractor.

14. Item #19- A. What openings are not protected by a 2-cable system? B. Are all openings in deck supposed to be guarded against, prior to finishing decking/stud installation? Wouldn't the ironwork or precast plank erector be required to protect for his employees?

Gilbane response- Concrete Trade Contractor is responsible for providing protection at floor openings such as: chases, MEP penetrations, etc.

15. Item #20-
- A. What type and size of anchor bolt sleeve?
 - B. Has the structural engineer reviewed all locations of sleeves to see:
 - I. If it will fit
 - II. If it will fit past rebar
 - III. If it will not be too close to an edge or corner causing cracking.

Gilbane response- This item deals with the repair of anchor bolts. Any repairs must be acceptable to the Structural Engineer.

RGA/Engineer response- Item #20 of the scope addresses repair of anchor bolts only. All repairs will be handled on a case-by-case basis.

16. Item #21-
- A. Wouldn't it be simpler and cheaper for the metal pan installer to put up the temporary rails while he puts pans in?
 - B. How are toe boards at the exterior edge to be handled with the plank/masonry?

Gilbane response- Concrete Trade Contractor is responsible for providing the Scope Item #21. Coordinate with the Masonry Contractor so as not to interfere with the installation of masonry.

17. Item #23- Please define this a little more clearly. If the site opens up the site at once, do we have to finish all in one wee? Further definitions and durations need to be added. Can borings be issued to us?

Gilbane response- Borings are located in the Project Manual as part of Addendum #3. Concrete Trade Contractor shall be responsible for the dewatering of excavations for the 03A Concrete work as described in Scope Item #23.

18. Item #29-

- A. Who forms open edges?
- B. Who provides mesh?
- C. Who checks plank grade to ensure it is within proper levelness?

Gilbane response- A. Concrete Trade Contractor shall form edges as required; B. Concrete Trade Contractor provides the necessary mesh; C. The Structural Steel, Precast Plank and Misc. Iron Trade Contractor shall install the plank to within the specified tolerances. Concrete Trade Contractor shall verify and advise the Program Manager of any deficiencies immediately. Concrete Trade Contractor assumes acceptance of the plank condition if this does not occur.

General Conditions Questions

19. Where is the Site Utilization Plan?

Gilbane response- The Site Utilization plan is located in the Project Manual.

20. Item 01230 Alternates- Will a bid form reflect these alternates?

Gilbane response- Refer to revised bid form in Addendum #4.

21. Item 01310- In the RIVIP it states 10% MBE participation. Which is it, 10% or 20%?

Gilbane response- 20% as noted in the 03A Bid Package.

22. Item 01320 Schedule-

- A. Are we required to hire a scheduling consultant?
- B. Are all items in 1.5-C required, as this seems like the job CPM?
- C. What are the milestones, per 2.2F?

Gilbane response- A. Concrete Trade Contractor is responsible to provide a Construction Schedule, how this schedule is created is up to the bidder. B. Requirements are that of the scheduling conference which the successful bidder must attend. C. NTP- on or about 4/3/06, Project Substantial

23. Item 01400 Quality-

- A. Are we to provide on site concrete testing and concrete breaks?
- B. What are the requirements of the concrete testing agency?
 - I. Frequency
 - II. Test Types
 - III. Number of cylinders
- C. If we are to furnish this testing, we will need parameters on which the testing agency is to bid on.

Gilbane response- Refer to revised Specification Section 03300 Cast In Place Concrete included in Addendum #4.

24. Item 01500 Temporary Facilities- On interpretation of this item, along with others in Division 0, we are to provide everything unless you change it in this item? Rather than list everything here, please specify what items are to provide.

Gilbane response- Delete 01500 3.5.B.1 from the Concrete Scope. The Scope of Work in the 03A bid package is intended to help clarify the requirements of Section 01500. For example, the 03A bid package states "beyond what is provided, it shall be the responsibility of this Contractor" regarding temporary water.

25. Item 01770 Closeout-

- A. All concrete is designed and installed per drawings; wouldn't this eliminate "as-builts"?
- B. What maintenance manuals, spare parts, attic stock would we have?

Gilbane response- A. As-built drawings are required. B. Reference construction documents for the requirements.

26. Item 02300 Earthwork- Doesn't the site contractor, under quality control and layout, check his own grades for compliance?

Gilbane response- The Concrete Trade Contractor accepts the condition of the grade if he/she does not verify as defined in the 03A bid package scope.

27. Item 03300 Concrete-

- A. How are we to know if plywood, 2x4's, were made within 500 miles?
- B. Concrete mix plants cannot guarantee cement from domestic sources, let alone within 500 miles.
- C. What percentage is slag in mix?
- D. Please provide list of form and plywood manufacturers within 500 miles.

Gilbane response- Concrete Trade Contractor is responsible to provide the requirements of this Section. Refer also to revised Specification 03300.

28. Are the following items not in our site concrete: Thrust blocks, fence post bases, pads, light pole bases

Gilbane response- Items are the responsibility of the Excavation and Landscape Trade Contractor.

29. Section 03300 Concrete- The following specifications under 1.2-B are not in the documents: Cast-in-place architectural concrete, Concrete floor topping

Gilbane response- Information shall be issued.

30. Section 03300 Concrete- On 1.5-E it talks about ACI compliance. ACI offers guidance in concrete, but has many options and tolerances, which it says for the designer to pick specifics. Please provide specifics.

Gilbane response- Refer to construction documents.

31. Section 03300 Concrete- There is no Section 3 Execution in this specification, please provide.

Gilbane response-

32. Section 03415 / Drawing S-000 Note V1-2 Plank-

03300: 3000 psi concrete $\frac{3}{4}$ stone

03415-2.6C: $\frac{3}{4}$ Camber

Note V1-2: 3000 psi, 3" slump, 6x6x1.4 mesh, surface prep and bond

Gilbane response- No question has been asked.

33. On S-112 Note 3 "C D" Floor: It calls for 6-1/4" concrete. On S-601 under "Typical Composite Deck Section" it calls for lightweight concrete. Please clarify if it is regular or lightweight.

RGA/Engineer response- Lightweight concrete as specified in the typical section and in the general notes on drawing S-000.

34. On S-602 Electrical Floor Boxes please clarify scope. Who sets boxes? Who cuts out plank? Who coordinates strands in plank where chopping is to occur?

Gilbane response- Electrical Trade Contractor is responsible for setting the boxes and cutting the openings in coordination with the precast plank installer.

35. On L-300 please clarify which package does the concrete for #13 basketball pole, #12 flagpole, 311 bid house, concrete restraining curb, cigarette snuffer.

Gilbane response- The Excavation and Landscape Contractor is responsible for these items.

36. Detail 7/A-545 indicates precast lintel. Detail 11/S-501 and 4/S-503 do not indicate anything but it being concrete. Which is it precast or cast-in-place? Which bid package?

Gilbane response- The lintel beams above the clerestory windows in the corridors of the housing units are to be cast-in-place beams as detailed on drawing S-136 of Bulletin #2.

37. Detail 01.1/A-500 indicates that the block is laid on the floor slab with connecting dowels. Details A, B & C/A-650 indicate the same as 01.0/A-500. Detail 4/S-201 indicates it different but does not show the 1/2 glazed block. Please clarify.

38. RGA response- Detail 01.1/A-500 does not indicate that the block is laid on the floor slab with connecting dowels. Only details B & C/A-650 indicate that the block is laid on the floor slab with connecting dowels. Dowels indicated in architectural details are security bars not structural reinforcing as shown on structural dwgs. Detail 4/S-201 indicates structural reinforcing not security bars. Include the 1/2 glazed block on the structural details where applicable.

39. On S-101 at column line 11/K the double footing has no type. Please clarify.

RGA/Engineer response- See Drawing S-111 of Bulletin #2

40. There is no isolated footing schedule as indicated not #6 of drawing S-111, 112, 113, 114, 115, 116.

Gilbane response- Refer to Addendum #3.

41. There is pier schedule on drawing S-401 as indicated on note #5 on S-111, 112, 113, 114, 115, 116. There is no drawing S-401.

Gilbane response- Refer to Addendum #3.

RGA/Engineer response – Delete this note

42. On S-121 for example, what type of floor "TYPE – N" as the lobby roof?

Gilbane response- Type-N roof deck, as defined in the general notes on drawing S-000 and in the specifications.

43. On S-111, the connecting link walls on column line 10 & 11 from MM to V in conjunction with details 3 & 4/S-403 along with reaching the architectural prints we cannot determine the wall height on line 11. Please provide.

RGA/Engineer response- The top of concrete wall varies to match the pitch of the windows. See the architectural drawings for window elevation information.

44. Interior rebar under masonry walls 4/S-201 is undefined. Please define rebar sizing.

RGA/Engineer response- Reinforcing shall be (3)-#5 cont. w/#5 cross-bars @ 18" o.c.

45. Please provide section cut for grade beam between column B.6 & B.7 on S-111.

RGA/Engineer response- Section is attached.

46. On drawing S-201 section 4, the reinforcing in the footing is not identified. Please provide.

RGA/Engineer response- See response to #43 above.

47. Does the DOWEL SCHEDULE on S-201 refer to masonry dowels? If so, it is greater than the 48 bar diameters required on S-000. Should this chart be used for masonry lap splices also?

RGA/Engineer response- The schedule is for matching dowels only. It should not be used for masonry lap splices in general.

Masonry Questions #3

1. Detail 20.1/A510 (YDF) shows precast lintel above clerestory windows. Structural details on S501 call for this to be cast in place. Which is it? In addition, where is this CIP or precast supposed to bear? Are there 8 x 8 concrete posts at the mullions? This is not clearly defined.

Gilbane response- Structural drawings define cast-in-place beams.

RGA/Engineer response- The lintel beams above the clerestory windows in the corridors of the housing units are to be cast-in-place beams as detailed on drawing S-136 of Bulletin #2. There are 8x8 concrete posts at the mullions, as shown.

2. Detail 20/A510 (YDF) shows bond beam above bedroom windows. What supports these bond beams? This is a 47' opening that cannot be spanned by CMU bond beam. There is clearly no post at the mullions at this location. (See 3/A580). Please clarify

RGA/Engineer response- The bond beam bears upon each intersecting cross wall as shown on the structural drawings. It does not clear span 47'.

3. We still have no project manual. When might we receive this?

Gilbane response- The Project Manual has been distributed. This Trade Contractor is responsible for contacting Service Point to ensure he/she receives a copy.

4. Will the bid date be extended to allow time for answers to these and previous questions, and time for their incorporation into our bid?

Gilbane response- Refer to Addendum #3 for revised bid date.

5. Drawing S-602 calls out Security Wall vertical bars #4@24" O.C. and Drawing A-650 calls out Security Wall vertical bars #5 @ 8" O.C. Please clarify which is correct.

RGA response- RGA reinforcing prevails at security walls (architectural drawings). All other block walls follow Structural drawings and specs for reinforcing requirements.

6. The Architecturals (06, 12/A-545) show the brick shelf at approximately -0.444'. The Structural (3/S-201) show it at -0.666'. Please clarify.

RGA response- Maintain brick shelf as per Arch Dwgs. Maintain half high CMU along brick shelf wherever possible. Brick shelf or CMU shall not be exposed above grade.

7. If the brick shelf is indeed at -0.444', and we use the half-height four inch CMU as shown, then the coursing will be right for the four inch high glazed base to match the brick. Unless directed otherwise, we are figuring the four inch CMU at the exterior.

RGA response- Maintain half high CMU along brick shelf wherever possible. Brick shelf or CMU shall not be exposed above grade.

8. Drawing A-650, Wall Partition Types, there is a base shown on the GWB walls. There is a similar 45 degree line at the bottom of the masonry walls and called out as glazed CMU base. Is this meant to depict cove base?

RGA response- Yes, this is meant to depict a cove base.

9. Refer to Interior elevation 31/A-601 and Wall Section 10.1/A-502. Are we using two colors of glazed scored units?

RGA response- Yes, we are using two colors of glazed block in a running bond pattern. Use 8 x 8 x 16 inch (not scored) blocks.

10. Refer to Interior Elevations 43, 44, 45 and 46/A-601 and Wall Sections 13 & 14/A-504. The larger details tell us to see elevations. Is there a glazed band at 7'-0" AFF? Are the four-inch bands shown at eight inches above and below the W7 windows regular CMU, glazed bands or ripped down acoustic CMU? Do the mottled areas denote acoustic CMU? If so, elevation 45 shows them at 8'-0" AFF and they are called out as "CMU Base". Please clarify.

RGA response- Band at 7'-0" AFF is not glazed. Four-inch bands shown at eight inches above and below the W7 windows are regular CMU, not glazed bands or ripped down acoustic CMU? Mottled areas denote acoustic CMU from 10'-0" above finish floor to underside of roof. Elevation 45 to include acoustic CMU from 10'-0" above finish floor to underside of roof.

11. Refer to detail 02/A-500. What product is shown at 7'-0" AFF?

RGA response- 4 inch half high glass block is shown at 7'-0" AFF