

ADDENDUM NO. 1

**CONTRACT NO. 4297
FOR CONSTRUCTION OF**

SACRAMENTO AREA FLOOD CONTROL AGENCY

FLORIN CREEK MULTI-USE BASIN PROJECT

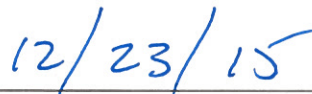
SACRAMENTO COUNTY, CALIFORNIA

DATE: DECEMBER 23, 2015

APPROVED BY SAFCA:



Pete Ghelfi
Director of Engineering
Design-Construction Maintenance



Date

TO ALL PROSPECTIVE BIDDERS:

All prospective bidders are hereby advised that Addendum No. 1 includes amendments to the Contract Documents that were approved by SAFCA on September 17, 2015. The bidders are to review all of the amendments listed herein, and acknowledge receipt of this addendum in the appropriate section of the Proposal Sheet.

ADDENDUM NO. 1

AMENDMENTS TO CONTRACT DOCUMENTS

VOLUME 1, TABLE OF CONTENTS

1. Table of Contents, Page vii, add Appendix A – Pump Station Technical Specifications and the following Sections:

- 01040 Coordination and Project Requirements
- 01650 Facility Startup
- 07620 Sheet Metal Flashing and Trim
- 16050 Electrical Work, General
- 16110 Electrical Raceway Systems
- 16111 Underground Raceway Systems
- 16120 Wires and Cables
- 16140 Wiring Devices
- 16341 Protective Device Studies
- 16450 Grounding
- 16480 Utility Meter and Panelboard
- 16500 Lighting
- 16950 Preoperational Testing
- 17100 Process Control and Instrumentation Systems
- 17106 Level Measuring Systems
- 17200 Control Panels
- 17201 Control Panel Instrumentation
- 17510 PLC Based Control System Hardware
- 17511 PLC I/O List

2. References, Page vii, add Reference: SMUD Commitment Letter
3. References, Page vii, add Reference: Propex Florin Creek Weir Protection Analysis

VOLUME 1, NOTICE TO CONTRACTORS

1. Updated correspondence contact information:

Mr. Carlos Contreras, P.E.
Wood Rodgers, Inc.
3301 C Street, Building 100-B
Sacramento, Ca. 95816
Tel: (916) 440-8736
ccontreras@woodrodgers.com

VOLUME 1, SPECIAL PROVISIONS

1. SP-24 Storm Water Pollution Prevention Plan, add application number as follows:

WDID#5A34CR00603

2. SP-29 Coordination with adjacent USACE Florin Creek Project, add name of contractor awarded the Florin Creek Improvement project as follows:

“Contractor shall also coordinate construction access, construction traffic routing and other elements of its work with the USACE Florin Creek Project Contractor: PRS Newland JV (subcontractors include Get Er Done Industries and Nordic).”

3. SP-30 Coordination with SMUD, add additional sentence as follows:

“Contractor to coordinate temporary lighting during any SMUD outages for lighting upgrades.”

VOLUME 1, TECHNICAL SPECIFICATIONS

1. Section 01 11 00.01 – Mobilization and Demobilization
 - a. Update header and footer Section callout to read “01 11 00.01” on all pages
2. Section 01 22 00 – Measurement and Payment
 - a. Removed section 1.4.14 “Masonry Retaining Wall”
 - a. Revised section 1.4.56 to “Erosion Control Seeding (Channel & Pond Area)”
 - b. Revised section 1.4.58 and 1.4.58.2 to refer to “No Mow Hydroseed Turf”
 - c. Added section 1.4.59 “Sodded Turf”
 - d. Added section 1.4.74 “Decomposed Granite Paving (4” Depth)”
 - e. Renumbered section 1.4.60 to 1.4.81 due to section additions
3. Section 03 30 00 – Cast-in-place Concrete
 - a. All pages: Update footer Section callout to read “03 30 00”
 - b. Page 13, add the following text: “* Concrete encasement for electrical conduit shall contain 5 pounds of synthetic red coloring, Davis Colors No. 10-329 or equal, per cubic yard of concrete”
4. Section 32 84 24 – Irrigation and Sprinkler Systems
 - a. Revised 3.1.2.2 Thrust Block section to refer to plans for joint restraint information.
5. Add Appendix A: Pump Station Technical Specifications:
01040 Coordination and Project Requirements
01650 Facility Startup

07620 Sheet Metal Flashing and Trim
16050 Electrical Work, General
16110 Electrical Raceway Systems
16111 Underground Raceway Systems
16120 Wires and Cables
16140 Wiring Devices
16341 Protective Device Studies
16450 Grounding
16480 Utility Meter and Panelboard
16500 Lighting
16950 Preoperational Testing
17100 Process Control and Instrumentation Systems
17106 Level Measuring Systems
17200 Control Panels
17201 Control Panel Instrumentation
17510 PLC Based Control System Hardware
17511 PLC I/O List

VOLUME 1, REFERENCES

1. Add the following reference documents (attached to this addendum):
 - a. SMUD Commitment Letter
 - b. Propex Florin Creek Weir Protection Analysis

VOLUME 1, PROPOSAL

1. New Bid Form. Replace Bid Form with attached new Bid Form
 - a. Removed item: “Masonry Retaining Wall”
 - b. Revised “Remove and Replace Sump Pumps” to Lump Sum item
 - c. Revised Bid Schedule C name to “Landscape, Irrigation and Site Electrical Improvements.
 - d. Revised quantity, name and unit price of “Sodded Turf”
 - e. Revised quantity of “Trees – 15 Gallon”
 - f. Revised Erosion Control Seeding (Channel) to Erosion Control Seeding (Channel & Pond Area)
 - g. Revised “New Site Security Lighting” to “New Site Security Lighting/Conduits/Trenching”
 - h. Added item: Sodded Turf
 - i. Added item: Decomposed Granite Paving (4” Depth)
2. Include page 11 of 11 of Bid Form

VOLUME 2: CONSTRUCTION PLANS

1. Drawing G-02, Sheet 2: Added and renamed Pump Station – Electrical sheets.

- Renumbered Pedestrian Bridge – Structural sheets. Removed Landscape – Electrical Sheets LE1.4 and LE1.5
2. Drawing C-01, Sheet 4: Revised alignment of existing underground electrical utility lines. Revised note 5 to “Tree cutting and removal by others”. Revised note 8 to “remove and dispose picnic tables”.
 3. Drawing C-02, Sheet 5: Revised alignment of existing underground electrical utility lines.
 4. Drawing C-05, Sheet 8: Revised dimensions on Detail 5. Revised existing fence callout to read “Existing fence to be removed and reinstalled”.
 5. Drawing C-07, Sheet 10: Added note 8 callout. Revised top elevation of weir.
 6. Drawing C-09, Sheet 12: Added grading plan and notes for Tillotson property. Revised FES note.
 7. Drawing C-11, Sheet 14: Revised detail 5 to reflect changes from Tillotson grading plan.
 8. Drawing C-13, Sheet 16: Revised detail 11 to reflect changes from Tillotson grading plan.
 9. Drawing C-14, Sheet 17: Revised pump station layout to include revised pull boxes, concrete pad and light pole.
 10. Drawing C-16, Sheet 19: Decreased thickness of grouted cobble lining from 12” to 8”.
 11. Drawing C-24, Sheet 27: Added hydroseeding.
 12. Drawing C-25, Sheet 28: Added hydroseeding. Revised note 4.
 13. Drawings M-01 & M-02, Sheets 30 & 31: Revised pump station facility notes and details.
 14. Drawing E-01, Sheet 40: Added pump station facility note.
 15. Drawing E-02, Sheet 41: Revised one line diagram, added remote metering, power quality meter and manual transfer switch.
 16. Drawing E-03, Sheet 42: Revised panel elevation, removed metering panel, added power distribution panel, added PLC panel and backpan layout.
 17. Drawing E-04, Sheet 43: Revised motor control diagram to match City standards, removed autodialer.
 18. Drawing E-05, Sheet 44: New drawing. Add PLC, OIT, radio, Ethernet switch and power distribution wiring diagram.
 19. Drawing E-06, Sheet 45: New drawing. Add PLC digital input cards.
 20. Drawing E-07, Sheet 46: New drawing. Add PLC digital output card.
 21. Drawing E-08, Sheet 47: New drawing. Add PLC digital output card.
 22. Drawing E-09, Sheet 48: New drawing. Add PLC analog input card.
 23. Drawing E-10, Sheet 49: Revised Electrical Site Plan. Moved panelboard and revised conduit routing.
 24. Drawing E-11, Sheet 50: New drawing. Revised conduit routing to panelboard and wet well. Revised instrumentation and equipment locations.
 25. Drawing E-12, Sheet 51: Revised installation details and added new details per City standards.
 26. Drawing E-13, Sheet 52: New drawing. Added installation details per City standards.
 27. Drawing E-14, Sheet 53: New drawing. Added installation details per City standards.
 28. Drawing E-15, Sheet 54: New drawing. Added installation details per City standards.
 29. Drawing S-01, Sheet 58: Updated sheet number old sheet number 50, new sheet number 58.
 30. Drawing S-02, Sheet 58: Updated sheet number old sheet number 51, new sheet number 59.

31. Drawing L1.1, Sheet 60:
 - a. Added three (3) Picnic Table on Concrete Pad – Type A
 - b. Added Decomposed Granite Paving near (E) Parking Lot
 - c. Relocated and lengthened concrete path to Petanque court

32. Drawing L1.2, Sheet 61:
 - a. Added two (2) Picnic Table on Concrete Pad – Type A
 - b. Added one (1) Accessible Picnic Table on Concrete Pad – Type B ADA.
 - c. Relocated two (2) Accessible Picnic Table on Concrete Pad – Type B ADA
 - d. Added Concrete Paving near (E) Play Area

33. Drawing L1.3, Sheet 62:
 - a. Added Decomposed Granite Paving near (E) Parking Lot
 - b. Added (1) Bench on Concrete Pad

34. Drawing L1.4, Sheet 63:
 - a. Renamed Detail C/L1.4 to “Decomposed Granite Paving”
 - b. Added “DG Paving” section to detail C/L1.4

35. Drawing L2.0, Sheet 64:
 - a. Removed Rainbird 50006 PC Sprinkler from Irrigation Legend
 - b. Revised Root Watering Series product number in Irrigation Legend

36. Drawing L2.1, Sheet 65:
 - a. Added additional valve near (E) Parking Lot. New valve will supply eight (8) total tree root waterers as shown (4 trees total). Note: Only three of the four tree locations are shown on this sheet.

37. Drawing L2.2, Sheet 66:
 - a. Revised irrigation near (E) play area to accommodate new Concrete Paving
 - b. Removed 2 total tree root waterers near (E) play area
 - c. Added one (1) quick coupling valve near new Concrete Paving
 - d. Reduced lateral pipe size at location indicated.

38. Drawing L2.3, Sheet 67:
 - a. Added two total tree root waterers as shown (1 trees total). See Drawing L2.1 for more information.

39. Drawing L3.1, Sheet 70:
 - a. Picnic Table on concrete pads added in turf area (typical of three [3] locations), total amount of turf reduced.
 - b. Bark mulch added to planting area near (E) parking lot

40. Drawing L3.2, Sheet 71:
 - a. Picnic table on concrete pads added in turf area (typical of three [3] locations) and

- Concrete Pacing area added, total amount of turf reduced.
- b. PIS tree relocated to the north side of the walk from the south side.
41. Drawing E0.1, Sheet 100:
- a. Added note referring to SMUD Commitment Letter and Sketch.
42. Drawing E1.1, Sheet 101:
- a. Added note referring to SMUD Commitment Letter and Sketch
43. Drawing E1.2, Sheet 102:
- a. Added note referring to SMUD Commitment Letter and Sketch.
44. Drawing E1.3, Sheet 103:
- a. Added note referring to SMUD Commitment Letter and Sketch.

SUMMARIZED QUESTIONS FROM PROSPECTIVE BIDDERS

1. Question: Can AutoCAD files be provided for earthwork takeoffs for bidding purposes.

Response: AutoCAD files will not be provided for bidding purposes. Please use the quantities provided in the Improvement Plans and Bid schedules.

2. Question: Is all excess material to be exported and is it the contractor's responsibility to find a disposal location?

Response: In accordance with Technical Specification Section 02 41 00 Demolition and Deconstruction, 3.2 Disposition of Material, 3.2.1 Title to Materials: "all materials removed and equipment removed, and not reused, shall become property of the Contractor and shall be removed from the Project.

3. Question: Are the grades shown on the plans indicating top of topsoil or subgrade beneath topsoil?

Response: The elevations shown on the plans are finish grade elevations that are equivalent to top of topsoil elevations where applicable.

4. Question: The electrical and mechanical drawings (C-07, M-01 and E-05) for the pump station show different layouts for the 4" and 10" discharge piping, clarify which layout is correct. If the Creek Vault for the Level Switches (shown on sheet E-05) is to be installed, provide vault details.

Response: The electrical and mechanical drawings (C-07, M-01 and E-05) for the pump station discharge pipes have been updated to remove the creek vault.

5. Question: On Planting Sheets #'s 70 – 72: 90/10 Tall Fescue-Bluegrass Sodded Turf (T) is shown but no area is given. The same is true for the 'No-Mow' Fine Fescue Blend Hydroseed (NM) on sheet 70. There is no delineation shown which clearly indicates which areas receive the 'No-Mow' hydroseed and which receive the 90/10 Tall Fescue/Bluegrass sod. Likewise, Erosion Control Hydroseed (E) on sheet 71 is not specified by an area or quantity.

Response: Drawing L3.1, sheet 70: The area listed with a “T” is shown on the plans with actual plant symbol and is further represented by a “stipple” hatching. This symbol is listed on the Plant Legend as sodded turf. Similarly for the now-mow hydroseed mix, a different hatched symbol is shown (area between north basin and residential lot). Erosion control hydroseed “E” is noted in planting areas around pond and is the understory planting where native shrubs are shown.

6. Question: Does the 90 day landscape and irrigation maintenance need to be completed by the October 15th deadline?

Response: The landscape maintenance period is included in the overall project and schedule for overall project completion.

7. Question: Drawing L2.5, Sheet 69: Drawing A: “Deep Water Bubbler” lists a 10” long root watering system and directs too the irrigation legend for model. The model listed in the irrigation legend is a Rain-Bird RWSB1401 which is a 36” unit. Can you please clarify?

Response: The deep water bubbler model listed on the Irrigation Legend should be the “RWS-S-B-1401” to match the depth as shown on the Deep Water Bubbler detail.

8. Question: Drawing L2.0, Sheet 64: Under Irrigation Legend mentions Leemco Joint Restrainers on all direction changes of mainline pipe. Under Piping System 3.1.2.2 of Division 32 – Exterior Improvements Section it says to install Trust Blocks and does not mention joint restrainers. Are both joint restraints and thrust blocks required?

Response: Mainline piping 4” and larger at changes in direction shall be installed with joint restraints as noted on plan legend. Thrust blocking is not required.

9. Question: Drawing L2.0, Sheet 64: The irrigation legend lists a RainBird 5006PC Pop-up Rotor. There is no such part symbol on the irrigation plan sheets 65-67. Has this sprinkler been deleted in place of one of the others?

Response: The Rainbird 50006 PC sprinkler is not included in plan design.

10. Question: Bid Schedule C- Landscape and Irrigation Improvements item# 10, “Existing Booster Pump Upgrades”. What does that entail? We cannot find any information on what upgrades need to be done or even what brand and model the existing pump is.

Response: Booster Pump Upgrades: Specific upgrades to the existing booster pump are not noted on the plans. Due to the new irrigation system being installed for the project, some minor adjustments to the existing booster pump (flow switch, pump start, etc) may be necessary once new system is installed and testing for pressure is completed.