

ADDENDUM NO. 2

TO PROSPECTIVE BIDDERS UNDER
CONSTRUCTION CONTRACT CC30A
NUTRIENT REMOVAL BLOWER BUILDING PROJECT
Central Valley Water Reclamation Facility

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED IN THE BID FORM

This addendum will be attached to the Agreement and is a Contract Document

Addendum No. 2 consists of:

1. **Answers to Bidder's Questions:**

Q - 1: General Notes on E-29-1101 states multiple contracts and to see the notes below for delineation, but there is no scope delineation like on E-28-1101. Please provide delineation.

A - 1: On Drawing E-29-1101 Removed GENERAL NOTE 1. Scope identified on plan is entirely part of CC30A. Drawing revision included in this Addendum 2.

Q - 2:E-34-6008 & 6009 show most lighting controls zones having occupancy sensor control, but there are no occupancy sensors show on the drawings other than occupancy sensor switches in certain offices and rooms. Is there a layout for the occupancy sensors?

A - 2: No requirement for OS in all Zones as shown by schedules in drawings E-34-6008 and E-34-6009. The only OS required are indicated on plan drawings as being integral to switch, that shows a corresponding "O" as denoted by legend sheet. This Addendum 2 includes revised LIGHTING CONTROL SYSTEM PANEL schedules to remove OS where not required.

Q - 3:Where are the locations of the lighting control panels, we cannot seem to locate them?

A - 3: Lighting control for the lighting control panels are integral to the panel, these panels are switched breaker smart panel type refer to specification 26 09 26, there is no separate relay panel associated with these. These are panels with IDs as identified in 26 09 26 and E-34-6008 and E-34-6009: PNL349402, PNL349403, PNL349409, PNL349410. These panels may be located in plan view in the main electrical room and second floor electrical room. Lighting Control Panel IDs that correspond to the panels located in the electrical room are located in the header of the table and in the header of the Panel Schedules.

Q - 4: There is no WL3 fixture in the fixture schedule (E-34-1313, restrooms, is one drawing with WL3 on it). Could you please provide information for this fixture?

A - 4: Lighting fixture in specification 26 50 00 will be updated in Addendum 3 to reflect the fixture types on the drawings.

Q - 5: What contract do Key Notes 1 & 2, E-23-7001 fall under? Drawing I-23-6101 shows CC30B pulling communication cable to PMMs, does that mean that providing the PONIs, if needed, and the nameplates are also CC30B?

A - 5: All work to be completed under CC30A. I-23-6101 keynote reference updated in this Addendum 2 to reflect the communication cable to be installed under CC30A.

Q - 6: Key note 1 on E-00-1007 references E-13-1201 for continuation. There is no E-13-1201 in the bid documents. If the conduits shown on E-00-1007 continue into the building, please provide E-13-1201.

A - 6: Drawing added to bid documents as part of Addendum 1 for CC30A.

Q - 7: E-00-1007 lists RWYF130011A-C, but that raceway is not in the raceway schedule. Please provide details.

A - 7: Raceway RWYF130011A-C is to be removed from the drawing. Revised Drawing E-00-1007 is included in this Addendum 2.

Q - 8: Raceway schedule for fiber optic cable conduit as well as 26 05 19 - 3.07D references 26 05 33 for innerduct requirements. The only mention of innerduct in 26 05 33 is regarding sealing (26 05 33 - 3.02E). Please provide innerduct requirements.

A - 8: Innerduct RACESPEC types IDFM and IDS have been added to 26 05 33 revised specification will be updated in Addendum 3.

Q - 9: Keynote 4, E-05-7001 states to coordinate with manufacturer to provide switchgear cubicle to retrofit for the new PQM. Please provide the manufacturer and model of switchgear LV50.

A - 9: Keynote to be added to drawing to clarify as part of Addendum 3.

Q - 10: Keynote 1, E-00-1010 states to reference area 33 and 34 basement level cable tray plan drawings for continuation and routing of cable trays. There is no area 33 basement level cable tray plan drawing. Please provide.

A - 10: Drawings added to bid documents as part of Addendum 1.

Q - 11: Drawing I-00-6101 shows the NCEs for Area 13 and 29 are installed as part of CC30A. The Communications Equipment Rack Schedule (27 11 00) states that Area 13 NCE has no typical rack layout and Area 29 NCE is not on the schedule. Drawing I-13-6101 shows what is needed in the NCE, but since there is no typical rack layout drawing specified, please provide details on which equipment is owner furnished, installed and configured. The same applies to Area 29 NCE, since it is not in the schedule.

A - 11: An updated 27 11 00.CC 30A Communications Equipment Rack Schedule is included with this Addendum 2.

Q - 12: Drawing I-00-6101 shows CBLF300011A-A & CBLF300011A-B going to Area 30 NCE300011, but area 30 is not indicated on the site drawings. Where is Area 30 located?

A - 12: See drawing C-00-1001 for approximate anticipated location of new plant Area 30. Area 30 detailed design to be completed in 2020.

Q - 13: NCE340102 (I-34-6111) is not included in the Communications Equipment Rack Schedule (27 11 00), is it owner or vendor furnished? If not, please provide details as to what type it is and equipment is owner furnished.

A - 13: An updated 27 11 00.CC 30A Communications Equipment Rack Schedule is included with this Addendum 2.

Q - 14: Drawing E-34-1111 indicates control circuits going to the NGRs from the Substations, and there are larger conduits drawn as well, most likely for the neutral and ground conductors, but there are no raceway labels and no conductor labels. Are we to size the conductors and conduits based off the rating of the NGRs, or are there specified conductors and conduits that were left out?

A - 14: The assumption that these conduits were for the cable for the wye connection point from the transformer to the ground resistor and equipment ground conductor are accurate. The routing as designed has one power and control conduit to each grounding resistor, and one spare power and control conduit to each resistor. The cable/raceway tags were left off the plan and cable and conduit schedule. Revised plan drawing is included in Addendum 2. Revised schedule will be provided in Addendum 3. For bid purposes you may assume the revised schedule will include a 2/0 MV105 neutral cable, and equipment ground (2/0 or less) per substation resistor.

Q - 15: Are there requirements for the floor boxes (see E-34-1122) other than what is noted in keynote 1? There seems to be nothing in the specs, and no floor box schedule in the drawings.

A - 15: Per 27 40 00-1.04.B.2.b.3|1.04.B.2.c.1 AV subcontractor to review power, control, and signal plans and provide final detailed wiring, raceway and penetration requirements. Final raceway and box requirements shall be per the shop drawing requirements of the AV subcontractor. Material to match raceway requirement for the area, (Architecturally Finished).

Q - 16: Per the spec we are assuming GRC can be installed in the blower building as it is not a liquid process facility, could you please confirm?

A - 16: The electrical, mechanical, and process areas of the Blower Building may be considered Indoor Dry per 26 05 33-3.01 and GRS may be installed for exposed applications. The bidder shall note the lobby, office, and conference spaces of this building may be considered Architecturally finished areas per 26 05 33-3.01

Q - 17: Specifications require stainless steel for the substation transformer tanks, is stainless steel required or is substation manufacturer standard mild steel acceptable.

A - 17: Stainless steel is not required for the substation tank. A revised specification capturing this change will be issued in Addendum 3.

Q - 18: Do we have a preliminary project timeline or schedule in terms of when each phase is envisioned will begin / end.

A - 18: 00 41 00 specifies project substantial completion within 730 days of NTP. A more detailed schedule broken down by phase is not included within the Contract Documents. Bidder shall note priority initial requirements upon NTP is Contractor provided construction schedule as specified in 01 32 16 – 1.02.A, 01 12 16 – 1.04.B.1 PHASE 0. If the schedule as currently specified will result in additional project cost or risk, those concerns may be issued via proposed schedule modifications.

Q - 19: Do we have specific details or contact points for the existing CHP gensets – looking for a point of contact to ensure that we can integrate and provide the correct details / interfaces.

A - 19: Contacts for existing CHP system were provided in 26 09 74-1.07|1.08. Additional Contacts for Thomson Power Systems include: Dennis Roundtree dennis@onsitepowerinc.com, and Omid Yousefpour OYousefpour@ThomsonPS.com .

Q - 20: Concerning the size of the generator sets, I am not able to confirm the sizing for (3) 2000kW(2500kVA) generator sets with the loads listed in the spec. Even doing a quick manual calculation, I come up with a 7902kVA of running load. This is greater than the capacity of (3) 2000kW generator sets without taking into account motor starting capability or environmental derates. I based this and my sizing model off of the 13 loads shown in the specification. Are there other considerations we should be making to size the generator sets, or am I accounting for some loads that will not be on these generators?

A - 20: The load table listed in the specification needs to be updated to the final model loads. The load table will be updated and included in a revised specification in Addendum 3. For bid purposes you can assume the table will be updated to reflect the following:

Tag Number	Load Description	Load Type	Magnetizing Load	Load	KVA	KW
B340111	Aeration Blower	RVSS		1100 HP		996
B340211	Aeration Blower	RVSS		1100 HP		996
B340311	Aeration Blower	RVSS		0 HP		0
B340411	Aeration Blower	RVSS		1100 HP		996
B340511	Aeration Blower	RVSS		0 HP		0
SUB 10A	Headworks Building	SUB	500	0 KVA		0
SUB 10B	Headworks Building	SUB	500	0 KVA		0
SUB169000A	Anaerobic and Aeration Substation	SUB	2500	706 KVA		706
SUB169000B	Anaerobic and Aeration Substation	SUB	2500	482 KVA		482
T21A	RSS/WSS Pump Building Substation	SUB	750	0 KVA		0
T21B	RSS/WSS Pump Building Substation	SUB	750	0 KVA		0
SUB269000A	Strainer Building Substation	SUB	2500	0 KVA		0
SUB269000B	Strainer Building Substation	SUB	2500	0 KVA		0
T29A	Solids Dewatering Building Substation	SUB	750	134 KVA		134
T29B	Solids Dewatering Building Substation	SUB	750	123 KVA		123
T33A	Power Generator Building Substation	SUB	1500	0 KVA		0
T33B	Power Generator Building Substation	SUB	1500	0 KVA		0
SUB349000A	Blower Building Substation	SUB	1500	503 KVA		144
SUB349000B	Blower Building Substation	SUB	1500	484 KVA		484
SUB 50	Administration Building Substation	SUB	750	0 KVA		0
B33641 (MV117A)	AGITATION AIR BLOWER #1	DIRECT ACROSS THE LINE		300 HP		262
B33202 (MV117A-1)	AERATION BLOWER #2	DIRECT ACROSS THE LINE		300 HP		262
B33643 (MV117B-1)	AGITATION AIR BLOWER #3	DIRECT ACROSS THE LINE		300 HP		262
B33203 (MV117B)	AERATION BLOWER #3	DIRECT ACROSS THE LINE		300 HP		262
MV117B-1	COMPOST FACILITY	SUB	500	0 KVA		0
Total					6109	5489

Q - 21: Can additional approved cable tray vendors be added to specification 26 05 36 Cable Trays.

A - 21: Revised specification 26 05 36 Cable Trays is included in this Addendum 2 with additional manufacturers listed.

Q - 22: Can additional approved cablebus vendors be added to specification 26 05 39 Cablebus.

A - 22: Revised specification 26 05 39 Cablebus is included in this Addendum 2 with additional manufacturers listed.

Q - 23: Can additional approved power monitoring vendors be added to specification 26 09 13 Electrical Power Monitoring.

A - 23:Revised specification 26 09 13 Electrical Power Monitoring is included in this Addendum 2 with additional manufacturers listed.

Q - 24:Can additional approved lighting control vendors be added to specification 26 09 26 Lighting Controls.

A - 24: Revised specification 26 09 26 Lighting Controls is included in this Addendum 2 with additional manufacturers listed.

Q - 25:Can additional approved low voltage transformer vendors be added to specification 26 22 00 Low-Voltage Transformers.

A - 25:Revised specification 26 22 00 Low-Voltage Transformers is included in this Addendum 2 with additional manufacturers listed.

Q - 26:Can additional approved motor control center vendors be added to specification 26 24 19 Motor-Control Centers and specification 26 24 20 Motor-Control Centers For HVAC.

A - 26:Revised specifications 26 24 19 Motor-Control Centers and 26 24 20 Motor-Control Centers For HVAC are included in this Addendum 2 with additional manufacturers listed.

Q - 27:Stair stringers, steps, risers and railing are called out to be galvanized. Are they to be field painted? Or, left exposed?

A - 27:Stair stringers, steps, risers and railing are to be field painted.

Q - 28:Concrete filled steps. Are they to be sealed with SC-1 or VCT-1 tile.

A - 28:Steps are to be sealed with VCT-1 tile.

Q - 29:Will the structural decking, joists, piping be required to be coated in areas that will be concealed by the ACT-1 or GB ceilings?

A - 29:The structural decking, joints and piping are not required to be coated in areas concealed by the ACT-1 or GB ceilings.

Q - 30:Will the exposed ducting be required to be field coated? The coating schedule indicates it is to remain uncoated, but the finish schedule in the plans indicated exposed ceiling to be painted. Would like clarification.

A - 30:Ducting is required to be field coated where it is exposed.

Q - 31:The floor above the paint storage area will it need to be sealed with SC-1?

A - 31:The floor above the paint storage area is required to be sealed with SC-1.

Q - 32:Will the o/h door galvanized steel jambs be field painted or left exposed?

A - 32:The steel jambs are required to be field painted.

Q - 33:Drawings show bollards as safety yellow and the specifications call out standard CV two tone. Please have the plans corrected to avoid confusion.

A - 33:Drawing will be revised to call out Central Valley Standard coating for bollards.

Q - 34:Please verify that contractors will need to add sales tax to the bid for the blowers.

A - 34:CVWRF will set the blowers in the Blower Building. Contractor will connect the blowers to the discharge piping, power, water and controls. Sales tax should not be added to the bid.

Q - 35:Will an alternate rammed aggregate pier system be acceptable?

A - 35:Vibro-pier or rammed aggregate pier system will be acceptable.

Q - 36:Request to allow Hydralastic 836 cold-applied waterproofing material as an “or equal” to Sonneborn HLM 5000.

A - 36:There are no exceptions taken to Hydralastic 836 as an “or equal”.

Q - 37:The interior of the blower room BB116 and the plenum room BB117 have wall types 20 and 22. The walls have a perforated aluminum sheet with a pebble finish (A-34-6001). A painting subcontractor has asked for clarification on whether the aluminum is pre-finished or to be field coated with P-4.

A - 37:The Blower room perforated alum wall panel shall be prefinished color selected from MFR standard colors.

Q - 38:Fred Thalman shared some photos of an existing facility and are attached. Could you clarify if the panels should look like these and provide a specification?

A - 38:See attached revised specification 07 41 20 Preformed Metal Siding.

Q - 39:Request to allow Russelectric as an “or equal” for the Switchgear.

A - 39: There are no exceptions to Russelectric as an “or equal” for the switchgear and switchgear controls. Bidder shall note the switchgear will not be approved separately as it is under unit responsibility of one of the approved generator manufacturers. If Russelectric wishes to propose on the job it must be through one of the approved generator manufacturers. Generator manufacturer ultimately has determination on whether Russelectric can provide suitable switchgear and controls as a part of a coordinated system. Bidder shall note choosing Russelectric shall not relieve the generator manufacturer from any of the requirements of the project specifications.

Q - 40:Request to allow Liebert as an “or equal” for UPS

A - 40:Liebert is approved as an “or equal”.

Q - 41:The specifications list two air compressors (CP341011 and CP341012) and one air dryer (DRY341051). Drawing # I-34-6010 shows three air compressors (CP341011, CP341012 and CP341013).

A - 41:Per key notes on drawings I-34-6010 and I-34-6012, Compressor CP341013 and Dryer DRY341052 are existing units at the Owner’s facility. The Contractor shall relocate and re-commission the existing compressor and dryer as noted on the DP-33 and P-34 drawings. New equipment (two new compressors CP341011 and CP341012 and one new dryer DRY341051) shall match the existing air compressor (Sullair 7509VB) and dryer (Great Lakes GBS-800-436) as specified in 43 12 51.

Q - 42:Drawings #I-34-6012 and I-34-6013 show two separate air dryers (Service Air Dryer #1, DRY341051 and Service Air Dryer#2, DRY341052).

A - 42:Per key notes on drawings I-34-6010 and I-34-6012, Compressor CP341013 and Dryer DRY341052 are existing units at the Owner's facility. The Contractor shall relocate and re-commission the existing compressor and dryer as noted on the DP-33 and P-34 drawings. New equipment (two new compressors CP341011 and CP341012 and one new dryer DRY341051) shall match the existing air compressor (Sullair 7509VB) and dryer (Great Lakes GBS-800-436) as specified in 43 12 51.

Q - 43:Spec Section 07 81 00 Sprayed Fire-Resistive Materials in included in the spec book, I can not find in the drawings where this is to be applied. Can you tell me where it is required?

A - 43:The Blower building does require Sprayed Fire-Resistive Material. Delete Section 07 81 00.

Q - 44:Per specification 26 09 70 and 26 09 76 paragraphs 2.01, New switchgears (SWGR340133A, SWGR340133B, SWGR340133C) replacing existing switchgear MV133 and Cogeneration System Including Engine Generators, Control Panels, and Paralleling Switchgear SWGR340134 (MV134) will be owner furnished under a separate construction contract. Switchgear MV134 and master control panel are existing equipment. Please clarify.

A - 44:Correct, MV134 and associated cogen equipment is currently being installed and commissioned under the Cogeneration Contract by Smith Power, Thomson Power, and Skyline electric. This system will be existing by the time this project is being constructed.

Q - 45:Pre-bid meeting minutes dated January 15, 2020 indicates New switchgears (SWGR340133A, SWGR340133B, SWGR340133C) will be installed in Phase 1. And various commissioning tests are staged after installation of the switchgears. Please advise the scope for this RFQ.

A - 45:Scope for the standby power system is defined in the project specifications. Standby power system specifications include: 26 09 18, 26 09 72, 26 09 74, 26 09 76, 26 13 26, 26 18 20, 26 18 39.11, h.26 32 13.13, 26 33 19, 26 09 70. Commissioning is specified in 26 08 00. If there are specific questions regarding these specifications, submit questions including spec number and paragraph number.

Q - 46: Specification section 26 09 76 page 15 paragraph 4.01 and document "Volume 4 Scenarios.pdf" list 133 scenarios for the scope of controls and as we understand Specification 26 09 74 is referring to implementation of these scenarios. Please advise intent is to implement these upgrades and controls on the existing master control panel supplied by Thomson Power Systems Serial Number W-096828 or vision is to build a new Master Control Panel.

A - 46:There will be a new master control panel for the new paralleling switchgear and diesel generators supplied on this project as specified in the Contract Documents, see for example 26 09 72 and E-34-1112. It is not the intent that this panel will replace the Cogeneration system panel(s). The panels specified on this project are responsible for control of the Standby Power System specified on this project. It is the intent and specified expectation that the existing Cogeneration System Panels will require modification to control wiring and programming to facilitate the plant control scenarios under the new plant configuration as specified in the Contract Documents. Currently the Cogeneration system only utilizes its B side feed to power the existing plant switchgear. This project requires the Cogeneration system to be modified to use both its existing B feed, and its currently unused A feed. Review project phasing drawings E-00-7000 through E-

00-7007 for indication of how existing cogeneration system feeds the plant and how that transitions to the new switchgear under this project.

Q - 47: Is there a requirement to have new Generator Control Panels (Operator Interface Station) for new switchgear (SWGR340133A, SWGR340133B, SWGR340133C) and generators?

A - 47: Review project specifications as identified in Answer 48 in this addendum. Yes it is the intent that each new standby diesel Generator supplied on this project will have its own control panel, as well as a master control panel for coordination of the system.

Q - 48: Does Equipment number CAB340133 mentioned in Specification section 26 09 72 is a reference to existing Master Control Panel supplied by Thomson Power Systems Serial Number W-096828? Or a complete new Master Control Panel to be supplied as part of this RFQ?

A - 48: No this does not reference an existing panel. This is specified as a new master control panel for the Standby Power System provided under this project. See project specifications identified in Answer 48, see for example 26 09 72 and E-34-1112.

Q - 49: Does STANDBY POWER SYSTEM CONTROL SYSTEM (SPSCS) a reference to existing Master Control Panel supplied by Thomson Power Systems Serial Number W-096828? Or a complete new Master Control Panel to be supplied as part of this RFQ?

A - 49: No this does not reference an existing control panel. Everything specified for the SPSCS is newly provided under this project. See Answer 48 in this addendum.

Q - 50: Specification 26 05 05 is not available for review as mentioned in section 26 09 70 page 18.

A - 50: Specification 26 05 05 to be removed from the Project Requirements. Relevant portions from 26 05 05 will be included in specification 26 05 00 in Addendum 3.

Q - 51: Are the TV's and projectors being supplied by Central Valley?

A - 51: The TV's and projectors shall be supplied under this contract see section 27 40 00.

Q - 52: Reference FE-341071 on the service air. Can you tell me the line pressure and temperature of the air?

A - 52: The Discharge pressure is 125 psig. Test Pressure is 137 psig. Maximum temperature is 150 degrees F. Sensor operating temperature shall be 350 degrees F per section 40 71 00.

2. **Directives/Clarifiers**

- a. Questions submitted after February 28, 2020 will not receive a response.

3. **Specifications:**

- a. Revise 00 52 00 Agreement Between Owner and Contractor for Construction Contractor Article 6 Paragraph 6.02 C delete \$10,000,000.00 and replace with \$4,000,000.00.
- b. Delete 07 54 19 – PVC Membrane Roofing in its entirety and replace with updated attached 07 54 19 PVC Membrane Roofing.

- c. Delete 07 41 20 Preformed Metal Sliding, Concealed Fastening and replace with updated attached 07 41 20 Preformed Metal Sliding, Concealed Fastening.
- d. Delete 07 81 00 Sprayed Fire-Resistive Material in its entirety.
- e. Delete 26 05 36 Cable Trays and replace with updated attached 26 05 36 Cable Trays.
- f. Delete 26 05 39 Cablebus and replace with updated attached 26 05 39 Cablebus.
- g. Delete 26 09 13 Electrical Power Monitoring and replace with updated attached 26 09 13 Electrical Power Monitoring.
- h. Delete 26 09 26 Lighting Controls and replace with updated attached 26 09 26 Lighting Controls.
- i. Delete 26 22 00 Low-Voltage Transformers and replace with updated attached 26 22 00 Low-Voltage Transformers.
- j. Delete 26 24 19 Motor-Control Centers and replace with updated attached 26 24 19 Motor-Control Centers.
- k. Delete 26 24 20 Motor-Control Centers For HVAC and replace with updated attached 26 24 20 Motor-Control Centers For HVAC.
- l. Delete 27 11 00.CC 30A Communications Equipment Rack Schedule and replace with updated attached 27 11 00.CC 30A Communications Equipment Rack Schedule.
- m. Delete 28 23 00 Video Management System and replace with updated attached 28 23 00 Video Management System.
- n. Delete 31 09 00 Geotech Instrumentation and Monitoring and replace with updated attached 31 09 00 Geotech Instrumentation and Monitoring.

4. **Drawings:**

- a. Replace or add the following drawings with the attached drawings:
 - 1) A-33-1001
 - 2) A-33-1002
 - 3) A-33-1003

- 4) A-33-4001
- 5) A-33-5001
- 6) A-33-5002
- 7) A-34-1005
- 8) A-34-1006
- 9) A-34-1007
- 10) A-34-1009
- 11) A-34-1016
- 12) A-34-1017
- 13) A-34-1022
- 14) A-34-1024
- 15) A-34-1026
- 16) A-34-2001
- 17) A-34-3002
- 18) A-34-3004
- 19) A-34-4001
- 20) A-34-4002
- 21) A-34-4003
- 22) A-34-4004
- 23) A-34-4101
- 24) A-34-4102
- 25) A-34-4103
- 26) A-34-4204
- 27) A-34-5004
- 28) A-34-5005
- 29) A-34-5006
- 30) A-34-5007
- 31) A-34-5008
- 32) A-34-5009
- 33) A-34-5010
- 34) A-34-5011
- 35) A-34-5012
- 36) A-34-5013
- 37) A-34-6001
- 38) A-34-6005
- 39) C-00-1003
- 40) C-00-1206
- 41) C-00-1210
- 42) C-00-1306
- 43) C-00-1310
- 44) C-00-3035
- 45) C-00-3042
- 46) C-00-3043

- 47) C-00-3044
- 48) C-00-3045
- 49) C-00-3046
- 50) C-00-3047
- 51) C-00-5008
- 52) E-00-1007
- 53) E-29-1101
- 54) E-34-1111
- 55) E-34-1312
- 56) E-34-1313
- 57) E-34-1321
- 58) E-34-1322
- 59) E-34-1323
- 60) E-34-1401
- 61) E-34-1402
- 62) E-34-1411
- 63) E-34-1412
- 64) E-34-1413
- 65) E-34-1414
- 66) E-34-1421
- 67) E-34-1422
- 68) E-34-1423
- 69) E-34-1424
- 70) E-34-1431
- 71) E-34-1432
- 72) E-34-1433
- 73) E-34-6008
- 74) E-34-6009
- 75) I-23-6101
- 76) I-34-6001
- 77) I-34-6002
- 78) I-34-6003
- 79) I-34-6004
- 80) I-34-6005
- 81) I-34-6006
- 82) P-34-1003
- 83) P-34-1004
- 84) P-34-1006
- 85) P-34-1007
- 86) P-34-3002
- 87) Typical Details Revision 4

5. **Attachments:**

Attachment A – Revised Drawings (replace original or add these new drawings)

Attachment B – Revised Specifications (replace original or add these new specifications)

Attachment C – Typical Details Revision 4

Date: February 21, 2020



END OF SECTION