



**COUNTY OF SAN BERNARDINO
SOLID WASTE MANAGEMENT DIVISION**
222 West Hospitality Lane, 2nd Floor
San Bernardino, CA 92415-0017
Fax: 909-386-8900

ADDENDUM NO. 1

**GCCS IMPROVEMENTS AND GAC TREATMENT FACILITY
AT THE LANDERS SANITARY LANDFILL**

MARCH 02, 2021

BIDS OPEN: 10:00A.M. MARCH 18, 2021

- I. **Deadline for submission of questions shall be 5:00 PM Monday, March 15, 2021**
- II. **The following item is attached hereto as Attachment 1:**
 - **Mandatory Pre-Bid Meeting Sign in Sheet**
- III. **Attachment 2 Bid Proposal Package: replace Bid Schedule Page 22 through 23A with Page 22 - Addendum 1 through 23A – Addendum 1. These pages shall be used for bidding purposes.**
- IV. **The following question (s) have been received by bidders:**
 - Q1. There are no vessel specs in the bid documents. When will the specifications for the GAC vessels come out?
 - A1. No vessel specs will be provided. There are three (3) 2,000 lbs units of existing GAC canisters on-site that will be installed as part of the new GAC Treatment Facility. Subsection C12600 – Section 2.02 provides description of the existing vessels on-site only as reference.

The addition of these requirements shall be considered in concert with existing documents in preparation of bids. If you have any questions, please Johnny Gayman at (909) 386-8688.

Marc A. Rodabaugh

MARC RODABAUGH, P.E.,
Solid Waste Management Division

ATTACHMENT 1



Department of Public Works

- Environmental & Construction • Flood Control
- Operations • Solid Waste Management
- Surveyor • Transportation



MANDATORY PRE-BID MEETING Sign-In Sheet

Project: GCCS Improvements and GAC Treatment Facility at Solid Waste Management Division

Meeting Date/Time: February 25, 2021 / 10:00 AM

Meeting Location: 202 W. Hospitality Lane, San Bernardino, CA

1. Name: Timothy Beaudin
Phone Number: 562-619-1769
Company Name: SCS Field Services
Address: 4200 Jurupa Street, Ontario CA 91761
Email: TBeaudin@scsengineers
2. Name: RICHARD FARIS
Phone Number: 760-433-4500
Company Name: FARIS CONSTRUCTION
Address: 2180 EL CAMINO REAL, OCEANSIDE 92094
Email: ESTIMATING@FARISCONSTRUCTION.COM
3. Name: Danny Saldívar
Phone Number: (909) 355-1146
Company Name: Catvae
Address: 15030 Slover Ave Fontana CA 92337
Email: dsaldivar@catvae.com
4. Name: JON JOHNSON
Phone Number: 909-337-4301
Company Name: TRINITY CONSTRUCTION, INC.
Address: 29115 Hook Creek Rd. Cedar Glen, CA 92321
Email: JON@TRINITYCONSTRUCTION.US
JON@TRINITYCONSTRUCTION.US
5. Name: _____
Phone Number: _____
Company Name: _____
Address: _____
Email: _____



Department of Public Works

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MANDATORY PRE-BID MEETING Sign-In Sheet

Project: GCCS Improvements and GAC Treatment Facility at Solid Waste Management Division

Meeting Date/Time: February 25, 2021 / 10:00 AM

Meeting Location: 202 W. Hospitality Lane, San Bernardino, CA

1. Name: Camryn Mello

Phone Number: 818 449 8920

Company Name: Environmental Const. Inc.

Address: 21550 Oxnard St #1060 Woodland Hills CA 91367

Email: estimating@environconst.com
2. Name: SABINA TECHNICAL SERVICE

Phone Number: 714 956 0480

Company Name: Vincent Tjelmeland

Address: 1440 N Burton Place, Anaheim CA 92806

Email: Vince@SABINADRIVES.com
3. Name: Khalil Sarwari

Phone Number: 949-299-6426

Company Name: R2 Build dba R2B Engineering

Address: 23441 S. Pointe Dr. Suite 280, Laguna Hills, CA 92653

Email: khalil.sarwari@r2-build.com
4. Name: _____

Phone Number: _____

Company Name: _____

Address: _____

Email: _____
5. Name: _____

Phone Number: _____

Company Name: _____

Address: _____

Email: _____



Department of Public Works

- Environmental & Construction • Flood Control
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MANDATORY PRE-BID MEETING Sign-In Sheet

Project: GCCS Improvements and GAC Treatment Facility at Solid Waste Management Division

Meeting Date/Time: February 25, 2021 / 10:00 AM

Meeting Location: 202 W. Hospitality Lane, San Bernardino, CA

1. Name: Vince Lynam

Phone Number: 310 560 7278

Company Name: Innovative Construction Solutions

Address: 858 Anton Blvd, Ste 850, Costa Mesa, CA 92626

Email: VLYNAM@ICSINC.TV
2. Name: CHARLIE COX

Phone Number: 562 519 0193

Company Name: CSI ELECTRIC

Address: 10623 FULTON WELLS AVE SANTA FE SPRINGS

Email: CHARLIE.COX@CSIELECTRIC.COM
3. Name: _____

Phone Number: _____

Company Name: _____

Address: _____

Email: _____
4. Name: _____

Phone Number: _____

Company Name: _____

Address: _____

Email: _____
5. Name: _____

Phone Number: _____

Company Name: _____

Address: _____

Email: _____

ATTACHMENT 2

Project: *GCCS Improvements & GAC Treatment Facility***W.O.#:** _____**Limits:** *Landers Sanitary Landfill*

Item No.	Approx. Quant.	Meas. Unit	Item Description	Unit Price	Total
1	1	L.S.	Mobilization/Demolition	\$	\$
2	1	L.S.	Clearing and Grubbing	\$	\$
3	1	L.S.	Provide County Field Office, Construction Trailer, and Temporary Facilities	\$	\$
4	1	L.S.	Survey (Provide initial layout survey for field piping, treatment facility grading/earthwork, and as-built survey of piping and wells)	\$	\$
5	1,100	V.F.	Drill well borings for twenty-one (21) gas extraction wells (24-inch diameter boring, drilling only)	\$	\$
6	1,100	L.F.	Install twenty-one (21) Gas Extraction Wells (6" solid and perforated well casing, backfill materials, bentonite seals, 10' wellbore seal, and associated fittings per detail 2/6)	\$	\$
7	5	EA.	Install 5' bentonite well seal at bottom of boring per detail 2/6 (as-needed)	\$	\$
8	23	EA.	Install Vertical Gas Extraction wellhead, LFG Analyzer, Solar Panel, and Battery back-up in steel box (includes wellhead, flex hose and clamps, pipe, fittings, supports, I.D. tag per detail 1/6) - 21 new, 2 existing	\$	\$
9	1	L.S.	Install Remote Wellhead per detail 8/7 (6" HDPE Tee, 6"x4" HDPE Reducer, 4"x2" Fernco Adapter, 6" HDPE Flange Adapter, C.I. Backup Ring, and Bolt Kit)	\$	\$
10	1	L.S.	Install Condensate Pump Station #1 per sheet 9, and 2 spare pumps	\$	\$
11	2	L.F.	Install Condensate Pump Station #2 and #3 per sheet 10	\$	\$
12	1,600	L.F.	Install 1 1/2" SDR 9 HDPE Compressed Air line pipe and fittings, on grade or supports	\$	\$
13	1,600	L.F.	Install 2" SDR 11 HDPE Condensate Conveyance pipe and fittings, on grade or supports	\$	\$
14	550	L.F.	Install 1 1/2" SDR 9 HDPE Compressed Air line pipe and fittings, below grade in common trench	\$	\$
15	550	EA.	Install 2" SDR 11 HDPE Condensate Conveyance pipe and fittings, below grade in common trench	\$	\$
16	2	EA.	Install 2" Stainless Steel Ball Valve	\$	\$
17	2	EA.	Install 2" Clean-out per detail 1/8	\$	\$
18	6	L.F.	Install 4" Steel Bollard per detail 3/8	\$	\$
19	3,200	L.F.	Install 4" SDR 17 HDPE Pipe and fittings on grade or supports	\$	\$
20	440	EA.	Install 4" SDR 17 HDPE Pipe and fittings below grade per detail 1/7	\$	\$
21	2	L.F.	Install 4" Butterfly Valve Assembly and appurtenances per detail 2/8	\$	\$

22	5,400	L.F.	Install 12" SDR 17 HDPE pipe and fittings on grade or supports (includes: blind flanges, reducers, tees, saddles, flange adapters, elbows)	\$	\$
23	800	EA.	Install 12" SDR 17 HDPE pipe and fitting below grade per detail 1/7	\$	\$
24	4	EA.	Install 12" Valve Assembly and appurtenances per detail 2/8	\$	\$
25	5	EA.	Install 12" Pipe Support per detail 7/7	\$	\$
26	480	EA.	Install 12" Pipe Guide per detail 4/7	\$	\$
27	10	L.F.	Install 12" Pipe Anchor per detail 5/7	\$	\$
28	150	L.F.	Install 12" CSP sleeve below grade road crossing and fittings per detail 2/7	\$	\$
29	350	L.F.	Install 18" CSP sleeve below grade road crossing and fittings per detail 2/7	\$	\$
30	100	L.F.	Install above grade road crossing per detail 3/7	\$	\$
31	1	L.S.	Perform Earthwork & Grading for Treatment Facility Pad per sheet 4	\$	\$
32	11,300	S.F.	Install 4" AC Pavement over 6" CMB per detail 4/8	\$	\$
33	30	L.F.	Install Concrete Drainage Swale per detail 5/8	\$	\$
34	400	S.F.	Install rip-rap, small-rock slope protection, 7"	\$	\$
35	1	L.S.	Install 42' x 65' Concrete Slab (Includes equipment pedestals, thickened slabs, and light pole footings per shets 16-18)	\$	\$
36	1,950	S.F.	Install CMU Block Wall per sheets 16-18 (195 LF)	\$	\$
37	214	L.F.	Install 3 Strand Barbed Wire and Razor Wire with hardware and appurtenances	\$	\$
38	1	L.S.	Install one (1) 16' wide x 8' high Chain Link Fence Double Swing Gate and one (1) 3' wide x 8' high Swing Gate with hardware and appurtenances per Detail 1/17	\$	\$
39	1	L.S.	Install 18' by 26' by 8' Standard Style Carport and Associated Componenets per Detail 2/14	\$	\$
40	2	EA.	Install multi-stage, centrifugal landfill gas blower	\$	\$
41	3	EA.	Install existing 2,000 pound granular activated carbon vessels and media (existing on-site), anchor per Detail 6/14	\$	\$
42	2	EA.	Install air compressor system (includes oil-water separator, filters, drains, & appurtenances)	\$	\$
43	1	L.S.	Install condensate knock-out vessel w/ fittings, valves, gauges	\$	\$
44	1	EA.	Install flow element/transmitter assembly (FE/FT-1)	\$	\$
45	3	EA.	Install submersible level transmitter (LT-1/2/3)	\$	\$
46	1	EA.	Install pressure indicating transmitter (PIT-1)	\$	\$
47	2	EA.	Install pressure indicator (0-50" W.C.)	\$	\$
48	1	EA.	Install pressure transmitter (PT-2)	\$	\$
49	1	L.S.	Install 0-5" differential pressure gauge, 1/4" SS tubing and fittings, and pipe stand per detail 2/15	\$	\$
50	2	EA.	Install temperature gauge, 0-250 degrees F	\$	\$

51	2	EA.	Install temperature transmitter, 0-300 degrees F (TT-1/2)	\$	\$
52	1	L.S.	Install 3, 150 Gal Condensate Tank w/ containment & seismic restraint system, 55 Gal GAC Vessel, 2" SS flame check, pipe rack support, piping & fittings per detail 1/13, 1/14	\$	\$
53	12	EA.	Install 1/4" PVC labcock valve, drill and tap pipe	\$	\$
54	30	L.F.	Install 1/2" diameter SCH 80 PVC pipe and fittings, insulated	\$	\$
55	10	L.F.	Install 1/2" Sch 40 galvanized carbon steel air line piping and fittings	\$	\$
56	20	L.F.	Install 1/2" stainless steel tubing and fittings, insulated	\$	\$
57	8	EA.	Install 1/2" stainless steel ball valve	\$	\$
58	70	L.F.	Install 1" Sch 80 PVC piping and fittings, insulated	\$	\$
59	40	LF.	Install 2" PVC Sch 80 piping and fittings	\$	\$
60	5	EA.	Install 2" PVC ball valve, true union	\$	\$
61	3	EA.	Install 2" PVC camlock and plug	\$	\$
62	10	L.F.	Install 2" SDR 11 HDPE condensate conveyance piping and fittings, above grade	\$	\$
63	10	L.F.	Install 2" SDR 11 HDPE condensate conveyance piping and fittings, below grade	\$	\$
64	10	LF.	Install 1 1/2" SDR 9 HDPE Compressed Air piping and fittings, above grade	\$	\$
65	1	L.S.	Install 2" SDR 11 HDPE J-Trap and vault per detail 4/15	\$	\$
66	80	L.F.	Install 4" SCH 80 CPVC piping and fittings	\$	\$
67	12	EA.	Install 4" CPVC ball valve, true union	\$	\$
68	10	L.F.	Install 6" SCH 40 PVC piping and fittings	\$	\$
69	80	L.F.	Install 6" SCH 80 CPVC piping and fittings	\$	\$
70	4	EA.	Install 6" Butterfly valve assembly, SS Disk and Stem, Viton Seals and Seats	\$	\$
71	2	EA.	Install 6" PVC Vanstone Flange, Bolt Kit and Gasket	\$	\$
72	6	EA.	Install 6" CPVC Flange, Bolt Kit and Gasket	\$	\$
73	2	EA.	Install 6" check valve, stainless steel, techno check or equal	\$	\$
74	1	EA.	Install 6" Horizontal flame arrestor w/ fittings, 1/2" drain and pressure ports	\$	\$
75	1	EA.	Install 6" SCH 10S stainless steel vent stack per Detail 6/15	\$	\$
76	4	EA.	Install 6" flanged expansion joint	\$	\$
77	1	EA.	Install 12" Butterfly valve assembly, SS Disk & Stem, Viton Seals & Seats, Gear Operated	\$	\$
78	1	EA.	Install 12" HDPE flange adapter, D.I. back-up ring, bolt kit, gasket	\$	\$
79	1	EA.	Install 12" PVC flange, bolt kit and 12" x 6" PVC reducer bushing	\$	\$
80	2	DAY	Perform start-up, testing, troubleshooting of system and components	\$	\$
81	1	L.S.	Install 300 Gallon Water Storage Tank tank cradle and fittings	\$	\$
82	1	L.S.	Install various pipe support and anchors per Details 3/14, 4/14, 4/14, 7/14, 6/15	\$	\$

83	1	L.S.	Painting of PVC/CPVC pipe	\$	\$
84	1	EA.	Install 2' by 3' floor bridge	\$	\$
85	1	EA.	Install portable emergency eye wash station	\$	\$
86	1	EA.	Install fire extinguisher, 5lb Class A/B/C Dry Chemical	\$	\$
87	2	EA.	Install sign per Detail 3/15	\$	\$
88	1	L.S.	Install miscellaneous pipe and fittings	\$	\$
89	1	L.S.	Install all conduits, wiring, cables, switches, SCE Meter Section, Electrical Panels (MSB-1, TX-1, VFD-1/2, CP-1), breakers, light fixtures, vault (24x36 pull box), cameras, transformer, solenoid valves, transmitters, ground grid, ground wells, seal-offs, supports, and provide system start-up, testing, and troubleshooting .	\$	\$
90	1	L.S.	Provide and Install PLC programming (coordinate with system designer)	\$	\$
91	1	L.S.	Install Phone/ Data line from service provider (Frontier) from power pole to Control Panel	\$	\$
92	1	L.S.	Install conduits from SCE transformer to pull-box, coordination with SCE	\$	\$
93	1	L.S.	Provide Electrical As-built (single line diagram, wiring schematics, conduit, Control and VFD panels)	\$	\$
94	1	L.S.	Optional Task -Connect Generator (provided by others), transfer switch, wiring, start-up and testing by supplier (if SCE power not available)	\$	\$

PROJECT TOTAL: \$