

APPENDIX B

Vendor Submittals (Index Only)

Note: This Appendix contains the vendor submittal index only.

The complete vendor submittal appendix is maintained at the GWTP and in the USACE and IT offices.

Appendix B - Vendor Submittal Index
OU2 Expansion Groundwater Remedy Construction Project
Former Fort Ord, California

Section	Equipment	Vendor	Manufacturer/Supplier	Submittal	Subject	Remarks
1.0	Anchor Bolts (at Well Vaults and Building Piping & Equipment)	Clement Support Services	Powers Fasteners, Inc.	SD-01	MSDS Power-Fast Epoxy Injection Gel	
			Powers Fasteners, Inc.	SD-06	Product Description	
			Powers Fasteners, Inc.	SD-06	Material Properties	
			Powers Fasteners, Inc.	SD-06	Dispensing Guidelines	
			Powers Fasteners, Inc.	SD-06	Installation Guidelines	
2.0	Asphalt Paving Repair (at Road Crossings & GWTP Driveways)	Monterey Peninsula Engineering	Graniterock	SD-05	1/2 inch Asphaltic Concrete Mix Design	
3.0	Bag Filter and Bags	Filter Specialists, Inc.	Filter Specialists, Inc.	SD-01	Bag Filter Housing Data Sheet	
			Filter Specialists, Inc.	SD-02	Bag Filter Catalogue Cut	
			Filter Specialists, Inc.	SD-02	Reorder Bag Filter Information	
			Filter Specialists, Inc.	SD-06	Installation Instructions	With O&M
			Filter Specialists, Inc.	SD-19	O&M Manual	
4.0	Banding, S/S	Fastenal	Band-It	SD-01	Metals Data Sheet	316 Stainless Steel
5.0	Biological Survey (for Extraction Wells & Pipeline Route)	Harding Lawson Associates	Harding Lawson Associates	SD-09	OU2 Pipeline Expansion Report	12/15/99 - With 11x17 color
			Harding Lawson Associates	SD-09	Follow-up OU2 Pipeline Expansion	07/05/00
6.0	Cartridge Filter	Filter Specialists, Inc.	Filter Specialists, Inc.	SD-01	Multi-Cartridge Housing Data Sheet	
			Filter Specialists, Inc.	SD-02	Multi-Cartridge Filter Catalogue Cut	
			Filter Specialists, Inc.	SD-02	Reorder Cartridge Filter Information	
			Filter Specialists, Inc.	SD-06	Installation Instructions	With O&M
			Filter Specialists, Inc.	SD-19	O&M Manual	
7.0	Chemical Removal and Chemical Tank Decontamination	Philip Industrial Services	Allwaste / Philip	SD-18	4,000 gallons 25% sodium hydroxide	01/15/00
			Allwaste / Philip	SD-18	5 poly drums 98% sulfuric acid	01/22/00
			Allwaste / Philip	SD-18	3 poly drums 50% hydrogen peroxide	01/22/00
			Allwaste / Philip	SD-18	12 poly drums 50% hydrogen peroxide	01/29/00
8.0	Concrete, Cast-in-Place	IT Corporation	Larsen Products Corp	SD-02	Weld-Crete Bonding Agent	With e-mail approval
			IT	SD-04	Truck Pad Profile & Section Drawings	Stamped
			Graniterock	SD-05	3,000 psi Concrete Design Mixes	Three Mixes
			Graniterock	SD-05	4,000 psi Concrete Design Mixes	Three Mixes
			D&M Consulting Engineers, Inc.	SD-10	N Housekeeping Pad Strength Results	Exception with IT eval
			D&M Consulting Engineers, Inc.	SD-12	Wye Vault Floor Slump Results	Exception with IT eval
	Concrete Epoxy Paint				See Paint, Epoxy	
9.0	Concrete Pull Boxes, Traffic Rated	Christy Concrete Products, Inc.	Christy Concrete Products, Inc.	SD-04	B1017 Box H/20 Loading	With extension
			Christy Concrete Products, Inc.	SD-04	B1730 Box H/20 Loading	With extension
			Christy Concrete Products, Inc.	SD-04	B24" x 36" Box H/20 Loading	With extension
10.0	Concrete Pull Box Lids	Valley Fabrication	Valley Fabrication	SD-01	Procurement Requisition	Holes Drilled by Field
	Concrete Reinforcement (Rebar)			SD-04	Rebar Location	See Cast Concrete As-builts
11.0	Concrete Repair (Cast-in-Place Surfaces)	White Cap	Burke	SD-01	MSDS BurkEpoxy Mortar - A 0.3 CF	43210
			Burke	SD-01	MSDS BurkEpoxy Mortar - B	4322
			Burke	SD-01	MSDS BurkEpoxy Mortar - C	4323
			Burke	SD-01	Multi-Purpose Grout Product Info	03600
			Burke	SD-01	MSDS Multi-Purpose Grout	7030
			Lyons Manufacturing, Inc.	SD-01	Patchcrete Product Information	4/99
			Lyons Manufacturing, Inc.	SD-01	MSDS Patchcrete #1000	02/15/92
12.0	Concrete Replacement (Curbs, Gutters & Sidewalks)	Monterey Peninsula Engineering	Graniterock	SD-05	3/8 inch Concrete Pump Mix Design	
			Graniterock	SD-05	3/4 inch Concrete Mix Design	
	Concrete Vaults & Lids:					
	A-Aquifer Extraction Well		Santa Rosa Cast Products	SD-04	6'x6' Extraction Well Vault, 14,000 lbs	3 Req'd, 01/24/00

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13.0	180-ft Aquifer Extraction Well	Santa Rosa Cast Products	Nystrom Building Products	SD-04	6'x6' Vault Hatches	01/23/00
			Santa Rosa Cast Products	SD-04	6'x9' Extraction Well Vault, 22,000 lbs	4 Req'd, Rev 03/15/00
			Nystrom Building Products	SD-04	6'x9' Vault Hatches	01/23/00
			Santa Rosa Cast Products	SD-04	Extraction Well Vault Field Pour Collar	03/28/00
			Santa Rosa Cast Products	SD-04	Cover to Vault Wall Detail	Dwg X, 03/15/00
			Santa Rosa Cast Products	SD-04	2'x2' HP, LP, Leak Detection Vaults	41 Req'd, Rev 02/10/00
			Nystrom Building Products	SD-04	2'x2' Vault Hatches	01/23/00
			Santa Rosa Cast Products	SD-04	4'x4' Infiltration Gallery Vault	2 Req'd, Rev 03/16/00
			Nystrom Building Products	SD-04	INF Vault Hatches	03/16/00
			Xypex Chemical Corp	SD-02	Concrete Waterproofing Specs	Pgs 3, 4, 5, 8
			MA Industries	SD-02	Polypropylene Step Information	PS-1-PF
			Santa Rosa Cast Products	SD-04	4'x8' Valve Vault, 16,500 lbs	2 Req'd, 01/24/00
			Nystrom Building Products	SD-04	4'x8' Vault Hatches	01/23/00
			Santa Rosa Cast Products	SD-04	4' Diam Manway Vault Assembly	3 Req'd, Sketch
			Henry Company	SD-02	Ram-Nek Flexible Plastic Gaskets	For 2-Section Vaults
			Nystrom Building Products	SD-05	BGA-H20 Features & Specifications	24"x24" Hatches
			Nystrom Building Products	SD-05	FGA-H20 Features & Specifications	All Other Hatches
			General Information			Nystrom Building Products
Nystrom Building Products	SD-13	Aluminum Lid Warranty				03/16/00
Nystrom Building Products	SD-13	5 Year Performance Standard				03/16/00
Santa Rosa Cast Products	SD-13	Certificate of Compliance				SF-27
14.0	Concrete Vault Bolts, Tamper Proof (at Christy Boxes)	Pentagon Aerospace Group, Inc.	Pentagon Aerospace Group, Inc.	SD-02	No information	
15.0	Wye Vault	Nystrom Building Products	Nystrom Building Products	SD-01	Performance Data	
			Nystrom Building Products	SD-04	Wye Vault Layout	
			Nystrom Building Products	SD-04	Wye Vault Opening Detail	
			Nystrom Building Products	SD-04	Wye Vault Beam Support Detail	
	Original OU2 EW & IW Vaults		Nystrom Building Products	SD-04	OU2 4'x5' Opening Detail	
16.0	Conduit, Buried	Consolidated Electrical Supply	PWPipe	SD-01	Specifications & Data	Conduit & Fittings
17.0	Control Valve (Proposed Future Wye Vault Addition)	Bermad	Bermad	SD-01	Description / Operation Control 710-01	Electric Remote Control
			Bermad	SD-02	710 Electrical Remote Control Valve	
18.0	Drilling Site Clearance	Subdynamic Locating Services	Subdynamics	SD-04	Diagrams Where Utilities Located	2 Locations
			Subdynamics	SD-12	Field Report / Findings	7 Extraction & 2 Infiltration
19.0	Electrical & Instrumentation Cable	Consolidated Electrical Supply	Futronix Systems	SD-05	16 AWG Twisted Pair Control Cable	FX1602SVNTC
			General Cable	SD-05	Other Control, Feeder, Leak Detection & Power Cables, Type THHN	Pg 15
20.0	Electrical Subcontract (EW PLCs and Transf)	Superior Electric	Central Wholesale Elect Distrib	SD-02	Transmittal Letter	05/10/00
			Gaylord Mfg Co	SD-02	Type 4X 2-door Floor Standing Encl	"A" -- N4XFLDDS
			PG&E	SD-02	Pad for Pad-Mounted Transformer	"B" 064309 pg 3/5, Rev 4
				SD-02	Dry-Type Distribution Transformer	"C" -- pg 9
			Circle AW	SD-02	Test Block Bypass MTBPMS15	"D" -- pg 60
			Circle AW	SD-02	Test Block Bypass MTBP Series	"E" -- pg 38
			PG&E	SD-02	Concrete Pad for 3-Phase Transformer	"F" -- 045292 pg 5/5, Rev 3
			Siemens Electrical Products	SD-02	Special Safety Switches / Non-metal	"G1" Speedfax 2000 pg 19
			Siemens Electrical Products	SD-02	Special Safety Switches / Non-metal	"G1" Speedfax 2000 pg 19
			Siemens Energy & Automation	SD-02	480/277 Volt Panel A	"H"
			Siemens Energy & Automation	SD-02	480/277 Volt Panel B	"I"
			Siemens Energy & Automation	SD-02	240/120 Volt Panel C	"K"
	Acme Transformer	SD-04	EW PLC Electric Connection Diagrams	B-111703-C		

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			Acme Transformer	SD-06	EW PLC Transformer Instructions	See Transformer O&M
			National Electrical Mfg Assn	SD-06	EW PLC Panelboard Instructions	See Panelboard O&M
			Acme Transformer	SD-19	Installation and O&M of Dry Type Transformers, at EW PLC	Instruction Sheet A1 Part A-701953-A
			National Electrical Mfg Assn	SD-19	EW PLC Panelboard Instructions for Installation, Operation, Maintenance	NEMA Pub PB-1.1-1996
	Epoxy Paint; for Concrete					See Paint, Epoxy
21.0	Eyewash Station	IT	PM Engineer Aug 2000	SD-05	Changes to Emergency Shower & Eyewash Stds, ANSI Z358.1-1998	Pgs 26 & 27
22.0	Fencing (at EW PLC Panels)	Peninsula Fence Company	PDS Fence Products	SD-02	Privacy Decorative Slating	02830 / ABP, # 5044
			American Tube Company, Inc.	SD-05	Specifications for TUF-40 Tubing	Rev. 5/90
			Master Fexce Fittings, Inc.	SD-05	Material Fencing Std Specs G-82	Form: 1034
23.0	Fire Alarm System (Original at GWTP Building)	Fire-Lite Alarms, Inc.	Fire-Lite Alarms, Inc.	SD-04	DIM-485 Product Installation Dwg	#50380 Rev A
			Fire-Lite Alarms, Inc.	SD-06	Programming Instructions	With O&M Manual
			Fire-Lite Alarms, Inc.	SD-13	Limited Warranty	
			Fire-Lite Alarms, Inc.	SD-19	Program, Install, Maintenance and Operations Manual	#51003 Rev A1
24.0	Flowmeter	Santa Fe Industrial Products	ABB Water Meters, Inc.	SD-02	Catalog Cuts, 1-3" & 4-8" sizes	
			ABB Water Meters, Inc.	SD-02	Catalog Cut Electronic Register (ER)	
			ABB Water Meters, Inc.	SD-06	ER Programming	See User Manual
			ABB Water Meters, Inc.	SD-19	ER User Manual	
25.0	Gaskets, Viton	Santa Fe Industrial Products	Teadit	SD-01	100 V Viton Data / Physical Properties	
		IT	IT	SD-06	Specification Information	7/7/00 e-mail
		Down Time	Pacific Mechanical Supply	SD-13	Cert of Conformance / Compliance	
26.0	Geotextile	FML Linings, Inc.	Amoco Fabrics and Fibers Co.	SD-01	Minimum Average Property Values	
			Amoco Fabrics and Fibers Co.	SD-13	QC Certificate	
			US Filter/Westates	SD-01	System Specifications	
			US Filter/Westates	SD-01	Carbon Specification	
			US Filter/Westates	SD-01	MSDS Activated Carbon	
			Carboline Co.	SD-01	MSDS Carboline 893, Parts A & B	For Exterior Field Repair
			Carboline Co.	SD-01	MSDS Carbothane 134 HG, Part A	For Exterior Field Repair
			Plasite Protective Coatings, Inc.	SD-01	MSDS Plasite 4110, Parts A, B & C	Interior Coating
			Air King	SD-02	Universal Couplings	
			Apco	SD-02	Combination Air Valves	
			Apollo	SD-02	Ball Valves	
			Ashcroft	SD-02	Pressure Gages Type 1008	
			Ashcroft	SD-02	Pressure Gages Type 1009	
			Dixon/Andrews	SD-02	Couplers	
			Fluid Controls	SD-02	Ball Valves	
			Orange Research, Inc	SD-02	Differential Pressure Gage	
27.0	Granular Activated Carbon (GAC), Expansion Units	US Filter/Westates	Ryan Herco	SD-02	PVC Pipe & Fittings	
			Spears	SD-02	Butterfly Valves	
			Three M	SD-02	Scotchkote 206N Epoxy Coating	
			Zook	SD-02	Graphite Rupture Disks	
			US Filter/Westates	SD-04	Flow Diagram GAC Adsorber System	8-1/2 x 11
			US Filter/Westates	SD-04	HP-1020S-6 General Assembly, Rev B	11x17 & E size
			US Filter/Westates	SD-04	Vessel Anchor Detail	8-1/2 x 11, Stamped
			US Filter/Westates	SD-05	LF-1020 Pressure Drop w/ 8x30 Carbon	

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			William A Teipe & Assoc, Inc	SD-05	Vessel Calculations	
			Carboline Co.	SD-06	Carbothane 134 HG	Federal Blue
			Carboline Co.	SD-06	Carboline 893	
			A & L Sandblasting and Painting	SD-08	Statement of coating completion	
			US Filter/Schmidt	SD-13	Vessel Hydrostatic Test	2 units
			US Filter/Westates	SD-13	Buy American Act Certification	
			US Filter/Westates	SD-13	Warranty Statement	1 year parts, 90 days labor
			US Filter/Westates	SD-19	O&M Manual	
			Plasite Protective Coatings, Inc.	SD-01	Plasguard 4110 Product Data	Formerly Plasite 4110
			Carboline Co.	SD-01	MSDS Carboline 893, Parts A & B	Exterior Primer
			Carboline Co.	SD-01	MSDS Carbothane 134 HG, Part A	Exterior Top Coat Federal Blue
			Plasite Protective Coatings, Inc.	SD-01	MSDS Plasite 4110, Parts A, B & C	For Interior Recoating
28.0	Granular Activated Carbon (GAC), Refurbished Calgon Units	US Filter/Westates	IT	SD-04	Modified Leg Cross Brace Detail	9/11/00 (8-1/2 x 11)
			IT	SD-05	Seismic Cales for Supports	5 + 1 page, Stamped
			IT	SD-05	Anchor Bolt Drilling Calculation	2/23/01
			Carboline Co.	SD-06	Product Data Sheet	Carbothane 134 HG
			Plasite Protective Coatings, Inc.	SD-06	Technical Bulletin	Plasite 4110
			Plasite Protective Coatings, Inc.	SD-06	Plasite Specifications	PA-3
			IT	SD-01	Description	
29.0	Grating, Trench and Sump	McNichols Company	McNichols Company	SD-02	Safe-T-Span 1" x 1-1/2" for Trenches	STSI-6010-MISOFR
			McNichols Company	SD-02	Safe-T-Span 2" x 1" for Sumps	STST-5020-MISOFR
			IT	SD-01	Description	
30.0	Grating Clips	Mercury Metals	IT	SD-05	Design Calculations	
			Sika Corporation	SD-01	MSDS Sikaflex - 1a	09/09/99
31.0	Grout, Non-Shrink	White Cap	Sika Corporation	SD-05/06	Technical Information & Instructions	3/00
				SD-04	Ramp Barrier	Sheet 1 of 5
				SD-04	Pipe Chase Railing	Sheet 2 of 5
32.0	Handrails	Tubular Specialties Mfg	Tubular Specialties Mfg	SD-04	NE North Containment Railing	Sheet 3 of 5
				SD-04	NW North Containment Railing	Sheet 4 of 5
				SD-04	NE & SE East Containment Railing	Sheet 5 of 5
			Ladder Man	SD-02	Series 399 Fixed FRP	
33.0	Ladders, (INF and Original OU2 EW / IW Vaults)	Ladder Man	Strongwell	SD-04	Ladder Drawings #1/2/3-B-18277	11 x 17
			Bestor	SD-04	Leak Detection Zones	See Survey, OU2 Expan
34.0	Leak Detection System	Superior Electric	Universal Sensors & Devices	SD-06	Special Installation Sensor Package	LALS-2 Dual Liquid
			Universal Sensors & Devices	SD-19	Operation Instruction Manual	LA-08 System
			Warrick Controls	SD-02	Catalog Cut	
35.0	Level Probe, EW-OU2-06-180	Water Development Corp	IT	SD-06	Installation Instructions	
36.0	Level Switches	Santa Fe Industrial Products	Gems	SD-02	Catalog Cut	
	Level Transducers					See Pressure Transducers
			Burke	SD-01	BurkEpoxy Coating Technical Info	09880
			Burke	SD-01	MSDS BurkEpoxy Primer A	41611
37.0	Paint, Epoxy (for Concrete)	White Cap	Burke	SD-01	MSDS BurkEpoxy Primer B	61621
			Burke	SD-01	MSDS BurkEpoxy Coating Grey - A	46115
			Burke	SD-01	MSDS BurkEpoxy Coating Color - B	46125
38.0	Permeable Fill	Wm. J. Clark Trucking	Wm. J. Clark Trucking	SD-10	Materials Report (Permeable Fill)	Arroyo Seco Pit
			CSR Poly Pipe	SD-01	HDPE Pipe Data	Figure 1, Pgs A1-A2
			New Plastic Fittings, Inc	SD-01	Guide Book for Thermoplastic Fittings	Selected HDPE Pages

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39.0	Pipe and Fittings, HDPE (Extraction Pipeline)	Santa Fe Industrial Products	V & A Process, Inc.	SD-01	MSDS for HDPE Welding Rods	Figure 2, Pgs A3-A5	
			CSR Poly Pipe	SD-04	HDPE Pipe Dimensions		
			New Plastic Fittings, Inc	SD-04	Dual Wall Fitting Dwgs & Dimensions		
			Santa Fe Industrial Products	SD-08	Dual Wall Fitting Pressure Ratings		04/12/00
			Santa Fe Industrial Products	SD-08	Single Wall HDPE Fusion		04/12/00
40.0	Pipe and Fittings Test, HDPE	Hauser Laboratory Services	Hauser Laboratory Services	SD-10	Results of laboratory test 6"x10" tee	02/15/00	
41.0	Pipe and Fittings, PVC (at GWTP and Well Vaults)	Various	IPS	SD-01	MSDS for Pipe Primer & Cement	No 10 or 12 inch data	
			Chemtrol	SD-02	PVC Pipe & Fitting to 8 inches		
42.0	Pipe Supports	Clement Support Services	Clement Support Services	SD-01	Catalog Front Page	T-2001 All by Field Material Req	
	Piping Valves	Various	IT	SD-01	Index of Supplied Components		
			Tolco, Inc	SD-02	Tolstrut Catalog (Selected Pages)		
43.0	Pressure Gauges	Santa Fe Industrial Products	Various	SD-02	Catalog Cuts Not Provided	Extraction Wells	
44.0	Pressure Switches	Santa Fe Industrial Products	Ashcroft	SD-06/19	Installation & Maintenance	Model B400, EW Vault Manual & Auto	
45.0	Pressure Transducer, Industrial Influent Manifold (NOT INSTALLED)	Santa Fe Industrial Products	KPSI	SD-02	Series 27, 28 & 30 Industrial	See Submersible, below	
			KPSI	SD-04	Certification Drawings		
			KPSI	SD-05	Series 27, 28 & 30 Specifications		
			KPSI	SD-06	Installation Instructions		See Submersible, below
			KPSI	SD-10	Calibration Reports		
46.0	Pressure Transducer, Submersible: EW-OU2-03/04/05-180, EW-OU2-14/15/16-A, MW-OU2-78-180	Santa Fe Industrial Products	KPSI	SD-19	O&M Manual	See Submersible, below	
			KPSI	SD-02	Series 300S Small Bore Submersible	Dwg #600229, 2 pages With O&M 7 items	
			KPSI	SD-04	Certification Drawings		
			KPSI	SD-05	Series 300S Specifications		
			KPSI	SD-06	Installation Instructions		
KPSI	SD-10	Calibration Reports					
47.0	Programmable Logic Controller (PLC), (at new EWs): Level Switch Motor Saver Motor Starter PLC Module Panel Power Supply, 24 v DC Power Transformer, 120 v AC	Superior Electric	Gems Sensors	SD-06	Instructions Single-Station	Bulletin 72947	
			SymCon, Inc	SD-06	Installation Instructions	Model 355	
			Allen-Bradley	SD-04	Magnetic Motor Controller Dwg	40050-502-1-H	
			Allen-Bradley	SD-06	Heater Element Selection Table	40050-503-02(D)	
			Allen-Bradley	SD-06	Heater Element Selection Table	40052-284-02(B)	
			PLC Direct	SD-06	DL205 Installation & Safety	April 1994	
			Gaylord Mfg. Co.	SD-02	Cut Sheet		
			Gaylord Mfg. Co.	SD-06	Instructions		
			Facts Engineering Inc.	SD-02	FA-24PS, 24 volt DC	October 1999	
			Acme Transformer	SD-04	Electrical Connecton Diagrams	B-111703-C	
			Acme Transformer	SD-19	Installation, Operation & Maintenance	A-701953-A	
			PLC Direct	SD-01	DL 405 Safety Considerations	7942030-1 Jan 1994	
			Square D	SD-06	Instruction Class 9001 Contact Block	30072-100-02B	
Square D	SD-06	Instruction Oil-Tight Push Button Op	30072-100-01F				
Superior Electric	SD-08	Guarantee for PLC Modifications	02/14/00				
Automation Direct	SD-13	Standard License					
48.0	PLC Modifications (GWTP)	Superior Electric	Direct Soft	SD-19	DDE Server User Manual	DA-DDE-M, cover Manual at GWTP	
			Direct Soft 32	SD-19	Program Software User Manual	Cover, manual at GWTP	

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			Direct Soft 32	SD-19	Program Software Quick-Start Manual	Cover, manual at GWTP
			Direct Logic	SD-19	DL 405 User Manual	Cover, manual at GWTP
			Direct Logic	SD-19	DL405 Analog I/O Modules	D4-ANLG-M, cover Manual at GWTP
			Square D	SD-19	Instruction Bulletin Selector Switches	65013-002-18M, 10/97
49.0	PLC Software, (New EW PLCs)	PLC Direct	PLC Direct	SD-06	Direct Soft Quick Start Programming Manual	QS-DSOFT-M Cover and index only
			US Motors	SD-01	Name Plate Information	
			Ingersoll-Dresser Pumps	SD-02	Type GRP	
			Ingersoll-Dresser Pumps	SD-02	GRP A Closer Look	
			Ingersoll-Dresser Pumps	SD-02	GRP Details	
			Ingersoll-Dresser Pumps	SD-04	General Arrangement Drawing	0572-W0000, Rev. A
			Ingersoll-Dresser Pumps	SD-05	Construction Data Sheet	
50.0	Pump, Centrifugal, Backwash: P - 385	Santa Fe Industrial Products	Ingersoll-Dresser Pumps	SD-05	Hydraulic Data Sheet	
			Ingersoll-Dresser Pumps	SD-05	Typical GRP Noise Data	
			Ingersoll-Dresser Pumps	SD-06	Pump Installation Instructions	With O&M manual
			US Motors	SD-06	Motor Installation Instructions	With O&M manual
			Santa Fe Industrial Products	SD-07	Schedule	
			Ingersoll-Dresser Pumps	SD-19	Spare Parts List	
			Ingersoll-Dresser Pumps	SD-19	Pump O&M Manual	
			US Motors	SD-19	Motor O&M Manual	
			US Motors	SD-01	Name Plate Information	
			Ingersoll-Dresser Pumps	SD-02	Type D-800 Centrifugal Pumps	
			Ingersoll-Dresser Pumps	SD-04	General Arrangement Drawing	2012-4 Page 11
			CJI Process Systems	SD-04	Base Plate, Motor Mount & Coupling Guard	
51.0	Pump, Centrifugal, Injection: P - 510, P - 520	Santa Fe Industrial Products	Ingersoll-Dresser Pumps	SD-05	Hydraulic Data Sheet	4x3x8F D-800
			Ingersoll-Dresser Pumps	SD-05	Typical D-814 Noise Data	2012-5 Page 11
			Santa Fe Industrial Products	SD-05	Motor Noise Data	Fax 5/2/00
			Santa Fe Industrial Products	SD-07	Schedule	
			Flowsolve Division of I-D Pumps	SD-19	D814 Pump Installation and O&M	CPK 1123A-050100_EN
			US Motors	SD-19	Motor O&M Manual	
			Franklin Electric	SD-01	Replacement Motor Data	EW-OU2-05 & -06-180
			Grundfos	SD-02	Pump Curves & Technical Data	25S30-15 & 150S200-10
			Reed's Manufacturing & Pump Co.	SD-04	Pump Well Sleeve Drawing	8-1/2 x 11
52.0	Pump, Submersible: EW-OU2-03/04/05/06-180, EW-OU2-14/15/16-A	Pac Machine Co., Inc.	Grundfos	SD-06	Installation Instructions, Pumps	With O&M manual
			Franklin Electric	SD-06	Installation Instructions, Motors	With O&M manual
			Franklin Electric	SD-06	Replacement Motor Instructions	
			Pac Machine Co., Inc.	SD-08	Pump Guarantee	
			Grundfos	SD-19	O&M Manual, S/S Pumps	
			Franklin Electric	SD-19	O&M Manual, Submersible Motors	
			Goulds Pumps	SD-02	Series 1DW 1-1/2" Dewatering Pump	
			SJE Rhombus	SD-02	Super Single Pump Switch	
53.0	Pump, Sump (East, North, GWTP): P-375, P-395, P-495	Santa Fe Industrial Products	Goulds Pumps	SD-06	Installation Instructions	With O&M
			SJE Rhombus	SD-06	Installation Instructions	
			Santa Fe Industrial Products	SD-07	Schedule	
			SJE Rhombus	SD-13	Pump Switch Warranty	
			Lowara, A Goulds Pump Company	SD-19	O&M Manual	Installation and Usage
	Rupture Disk					See GAC, New

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Section	Equipment	Vendor	Manufacturer/Supplier	Submittal	Subject	Remarks
54.0	Static Mixer, Influent	SolarChem	(No SolarChem Info or Drawings)	SD-05	Static Mixer Modification	ID: Static Mixer M-186 in Original OU2 UV System
	Sump Design					See As-built Drawings
55.0	Sump Liners	B.H. Tank Works	IT	SD-04	Stainless Steel Sump	Sketch
	Supervisory Control and Data Acquisition (SCADA):					
	Ethernet Program		Automation Direct	SD-06	Information Ethernet Communications	H24-ECOM-M, Index Only
			PolyPhaser Corporation	SD-06 & 13	IS-B50 Series Impulse Suppressor Safety, Installation & Warranty	Eng-F-016 12/97
			Radiall / Larson	SD-01 & 06	YA Series Yagi Direction Antenna Specifications and Installation	12/97 5192.5000
			Maxrad, Inc.	SD-06 & 13	MBS-800 Base Station Adapter Kit Installation and Warranty	MIS-MBSADAPTER
	Antenna		US Consumer Product Safety Com.	SD-06	Antenna Safety Information	1982-522-053/3905
			Data-Linc Group	SD-01 & 04	Yagi Directional Antenna Specifications and Dimensions	Model A-YB, 6 dB
			Data-Linc Group	SD-01 & 04	Omni Directional Antenna Specifications and Dimensions	Model A-OB, 3 dB
56.0		Various	Data-Linc Group	SD-04	Antenna / Coaxial Cable System	Antenna Coax Diagram
			Data-Linc Group	SD-06	Ethernet Radio Modem User's Guide	SRM6200E
			Data-Linc Group	SD-06	Radio Modem User's Manual	PN 161-10002-001
			Solar Depot, Inc.	SD-02	Catalog Component Information	Selected Pages
	Photovoltaic (PV / Solar Power)		Solar Depot, Inc.	SD-04	240 Wp Photovoltaic Module	TC240.cdr
			Unirac, Inc.	SD-06	Assembly Instructions	Series U-PT Panel Rack
			Morningstar Corporation	SD-19	Prostar PV Operator's Manual	R1 - April 1996
			Dell	SD-05	Specifications	02/06/01
			Dell	SD-06	WorkStation Information Guide	P/N 8638P Rev A01 Cover Only
			Dell	SD-06	Setup & Quick Reference Guide	P/N 31GKV Rev A00 Cover
			Dell	SD-06	WorkStation Installation Guide	P/N 4760R Rev A03 Cover Only
	Operator Interface		Dell	SD-06	Sony CD Documentation Update	P/N 6454R Rev A01
			Dell	SD-06	FastTrak100 User's Manual	P/N 077JJ Rev A00 Cover & Index
			PLC Direct	SD-06	Lookout Direct Learning Guide	PC-LKD-DEV Index Only
			Intel	SD-13	Three Year Processor Warranty	P/N 00706 A00
	Survey, As-Built		Bestor	SD-04	As-Built Drawings	All Drawings D Size
	Site 2 (West of Rt 1)		Bestor	SD-04	Site 2 West of Highway One	1 Dwg in Dwg Appendix
	Site 12 (East of Rt 1)		Bestor	SD-04	Site 12 East of Highway One	2 Dwgs in Dwg Appendix
57.0	OU2 Original	Bestor	Bestor	SD-04	Original OU2 Groundwater Remedy	3 Dwgs in Dwg Appendix
	OU2 Expansion		Bestor	SD-04	OU2 Groundwater System Expansion	9 Dwgs in Dwg Appendix
	New EW / PZ Coordinates		Bestor	SD-12	Extraction Wells & Piezometers	Coord & Elevations
	Site 2 INF PZ Coordinates		Bestor	SD-12	Site 2 INF Piezometers	Coord & Elevations

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Section	Equipment	Vendor	Manufacturer/Supplier	Submittal	Subject	Remarks
58.0	Tank, Backwash, New	B.H. Tank Works	Tnemec	SD-01	Rota-Pox Plus Series 140	Interior Coating
			Tnemec	SD-01	Tnemec-Zinc 90-97	Exterior Primer
			Tnemec	SD-01	Endura-Shield Series 74	Exterior Top Coat
			B.H. Tank Works	SD-04	11,400 Gallon Backwash Tank	Dwg 10004, Rev A/B
			John Schock, P.E.	SD-05	Vessel Calculations	Stamped
59.0	Tank, Backwash, Refurbished (Former UV H2O2 Tank)	B.H. Tank Works	B.H. Tank Works	SD-04	Refurbish SS Backwash Tank	Dwg 16998, 12/21/00
			Solar-Chem	SD-05	Original Vessel Calculations	Tank #3, H2O2 50%
			IT	SD-05	Refurbished Anchor Bolt Analysis	02/22/01
60.0	Tank, Effluent, Replacement	B.H. Tank Works	B.H. Tank Works	SD-04	10,000 Gallon Effluent Tank	Dwg 10102, Rev B
				SD-05	Vessel Calculations	Stamped
				SD-12	Tank Inspection Report	03/29/01
Thrust Block						See As-built Drawings
61.0	Transformer, at Imjin/Abrams Wells	Pacific Gas and Electricity (PG&E)	Pacific Gas and Electricity (PG&E)	SD-01	General Information	
			Pacific Gas and Electricity (PG&E)	SD-02	Concrete Pad for 3-Phase Transformer	UG-1 045292 Rev.3
			Pacific Gas and Electricity (PG&E)	SD-02	Underground Conduits	UG-1 062288 Rev.1, p 4&6
			Pacific Gas and Electricity (PG&E)	SD-04	Installation Map	PM: 30124192 (16x20)
			Pacific Gas and Electricity (PG&E)	SD-04	Standard Trench Drawing	8-1/2 x 11
			Pacific Gas and Electricity (PG&E)	SD-05	Service Planning Sheet	Rev. 7/11/00
			Pacific Gas and Electricity (PG&E)	SD-08	Signed Application Documents	Transmitted 5/8/00
			USACE	SD-09	Meter Installation Inspection	07/11/00
			Pacific Gas and Electricity (PG&E)	SD-13	Agreement to Perform Work	05/09/00
62.0	Transformer, at Landfill Wells	Pacific Gas and Electricity (PG&E)	Pacific Gas and Electricity (PG&E)	SD-01	General Information	
			Pacific Gas and Electricity (PG&E)	SD-02	Concrete Pad for 3-Phase Transformer	UG-1 045292 Rev.3
			Pacific Gas and Electricity (PG&E)	SD-02	Underground Conduits	UG-1 062288 Rev.1, p 4&6
			Pacific Gas and Electricity (PG&E)	SD-04	Installation Map	PM: 30120004 (16x20)
			Pacific Gas and Electricity (PG&E)	SD-04	Standard Trench Drawing	8-1/2 x 11
			Pacific Gas and Electricity (PG&E)	SD-05	Service Planning Sheet	Rev. 7/11/00
			Pacific Gas and Electricity (PG&E)	SD-08	Signed Application Documents	Transmitted 5/8/00
			Pacific Gas and Electricity (PG&E)	SD-08	Notification of Completion	06/29/00
			USACE	SD-09	Meter Installation Inspection	07/11/00
63.0	Transformer, at University Wells	Pacific Gas and Electricity (PG&E)	Pacific Gas and Electricity (PG&E)	SD-01	General Information	
			Pacific Gas and Electricity (PG&E)	SD-02	Concrete Pad for 3-Phase Transformer	UG-1 064309 Rev.4
			Pacific Gas and Electricity (PG&E)	SD-02	Underground Conduits	UG-1 062288 Rev.1, p 4&6
			Pacific Gas and Electricity (PG&E)	SD-04	Installation Map	PM: 30124189 (11x17)
			Pacific Gas and Electricity (PG&E)	SD-05	Service Planning Sheet	Rev. 7/11/00
			Pacific Gas and Electricity (PG&E)	SD-08	Signed Application Documents	Transmitted 4/21/00
			Pacific Gas and Electricity (PG&E)	SD-08	Notification of Completion	06/29/00
			USACE	SD-09	Meter Installation Inspection	07/11/00
			64.0	Valves, at Infiltration Galleries	Santa Fe Industrial Products	Bermad
Bermad	SD-06	750-60 Float Valve - Modulating				Specs, data, control diag, 10/99
Bermad	SD-06	Model 66 Float Control - Non-modulating				Data, installation 10/99
Bermad	SD-08	Buy American Act Compliance				06/09/00
65.0	Valves, at Isolation Vaults	Santa Fe Industrial Products	Asahi / America	SD-02	Non-Rising System Gate Valve, PVC	Rev. V-97/B
			Santa Fe & Asahi / America	SD-06	Bolt Torque Information	06/22/00
		USACE	SD-08	Waiver to Purchase Non Buy American	SPK-2-11-006, 05/06/00	

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Section	Equipment	Vendor	Manufacturer/Supplier	Submittal	Subject	Remarks
66.0	Variable Frequency Drives	Avatar Engineering	Danfoss Electronic Drives	SD-01	Design Features, Specs, Op Interface	
			Danfoss Electronic Drives	SD-02	VLT 5000 Aqua Drive	
			Danfoss Electronic Drives	SD-04	Schematic Diagram Std Drive	Dwg 19-7542-00, Rev A
			Danfoss Electronic Drives	SD-04	Customer Connection Diagram	Dwg 19-7544-11, Rev D
			Danfoss Electronic Drives	SD-04	Installation Drawing, NEMA 1	Dwg 12-6786-00, Rev B
			Danfoss Electronic Drives	SD-04	NEMA 1 (IP20) Dimensions	VLT 5011 (460 VAC)
			Danfoss Electronic Drives	SD--05	Performance Information	Input, output, noise, derating, efficiency
			Danfoss Electronic Drives	SD-06	Instructions	Introduction, installation, programming, other
			Danfoss Electronic Drives	SD-06	Service	
			Danfoss Electronic Drives	SD-13	Standard Warranty	
Video Logging:						No Section
67.0	EW-OU2-06-180-(Initial) EW-OU2-16-A	Welenco	Welenco	SD-12	Videos 03/23/00 and 04/12/00 (2) Prior to compl as MW-OU2-78-180	One copy ea QC / Proj File
			Welenco	SD-12	Video 02/02/01	One copy ea QC / Proj File
Waterstops						See
68.0	Well Caps	Santa Fe Industrial Products	CJI Process Systems	SD-04	Well Cap Drawings	2 Dwgs & 2 Bills of Mat'l
			CJI Process Systems	SD-04	Drawing Approvals, as Noted	Letter 4/28/00
			Santa Fe Industrial Products	SD-08	Buy American Statement	Letter 6/12/00
69.0	Well Drilling	Water Development, Inc.	Water Development, Inc.	SD-06	Drilling Instructions / Bore Hole Calcs	
			Water Development, Inc.	SD-07	Original Schedule	
			Water Development, Inc.	SD-08	Proposed Personnel	
			Colorado Silica Sand, Inc.	SD-10	Testing Sieve Guide	
			Colorado Silica Sand, Inc.	SD-10	8 - 16 Sand	
			Colorado Silica Sand, Inc.	SD-10	Oglebay Norton Ind Well-Pack Sand	
			Colorado Silica Sand, Inc.	SD-10	Chemical Analysis Results	
			Colorado Silica Sand, Inc.	SD-10	Physical Characteristics	
			Lone Star Industries, Inc.	SD-10	Typical Grading Parameters	
			SRI	SD-10	SRI Supreme #3 Sand	
SRI	SD-10	SRI Supreme 3/4-inch Sand				
			IT	SD-12	Well Logs	See Well Installation and Abandonment Report
70.0	Well Pump Installation	THF Drilling	IT	SD-12	Well Test Report	
				SD-18	Well Pump Installation Records	7 EW