

**Jefferson County Courthouse
Boiler Replacement**

**Sigma Project #14224-003
July 30, 2014**

Biomass Boilers	Natural Gas-Fired Boilers
Capital Cost	
\$448,730 (total for both boilers) <ul style="list-style-type: none"> • 2 new Hurst biomass boilers • Boilers rated at 3,347 Mbh each (smallest Hurst boiler available) • Does not include shipping, taxes, tariffs, duties, etc. 	\$167,500 (total for both boilers and includes labor) <ul style="list-style-type: none"> • Two Boilers rated at 1,000 – 2,200 Mbh each <ul style="list-style-type: none"> • Two new HTP, High Efficiency 1700's; 92% efficiency rating • 50 gallon water heater replacement
Labor and Installation Costs	
\$160,000 (estimate for both boilers) <ul style="list-style-type: none"> • Erection of equipment, onsite electrical and plumbing services • Does not include freight services and onsite crane services 	\$0 – cost include in prices above <ul style="list-style-type: none"> • Opportunity for deduct for not removing existing boilers • Does not include any abatement requirements
Air Permit	
<ul style="list-style-type: none"> • NR 406.04(1)(a)(2) and NR 407.03(1)(a)(2) provide exemptions for individual furnaces designed to burn wood alone at a heat input rate of not more than 5.0 million Btu per hour • Hazardous air pollutants must meet the emission thresholds in NR 445 (Control of Hazardous Air Pollutants) 	<ul style="list-style-type: none"> • NR 406.04(1)(a)(5) and 407.03(1)(a)(5) provide exemptions for individual furnaces designed to burn natural gas at a heat input of not more than 25 million Btu per hour • Combustion of group 1 virgin fossil fuels (natural gas) are exempt from NR 445
Ash Disposal	
<ul style="list-style-type: none"> • Approximately \$750 per year <ul style="list-style-type: none"> • Estimate 1% of 1,833 tons per year • \$40/ton to landfill 	Not Applicable
Biomass Supply	
<ul style="list-style-type: none"> • Olson Pellet Supply in Deerfield, WI <ul style="list-style-type: none"> • Between \$200 and \$230 per ton • Delivery in bags on skids, up to 5 tons per trip (\$30 for one skid and additional \$25 per skid, up to 5 skids in one trip) • Between \$1,130 and \$1,280 for 5 tons of pellets (including delivery) • Maximum usage = 1,833 ton/yr 	Not Applicable
Fuel Costs	
<ul style="list-style-type: none"> • Approximately \$17 per million Btu <ul style="list-style-type: none"> • \$230 per ton (Olson Pellet Supply) • 8,200 Btu/pound • 80% boiler efficiency 	<ul style="list-style-type: none"> • Approximately \$7 per million Btu <ul style="list-style-type: none"> • \$0.61 per therm (WE Energies) • 100,000 Btu/therm • Cost based on 85% boiler efficiency; boilers specified are 92%
Material Handling	
<ul style="list-style-type: none"> • Metering Bin = \$23,000 (total, one for each boiler) • Fuel storage and conveying equipment (cost to be determined) 	Not Applicable

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Biomass Boilers	Natural Gas-Fired Boilers
Maintenance	
<ul style="list-style-type: none">• Weekly (fans, valves, conveyors, metering bin)• Quarterly (motors)	
Life Expectancy	
30 years or more (with proper maintenance)	
Schedule	
Delivery of major components is estimated at 5-6 months	

Tuesday, July 29, 2014

BASIC SOLID FUEL SYSTEM BOILER EQUIPMENT ESTIMATE

Contact Information:

Contact: Nicole L. Braun, Project Engineer
Company: The Sigma Group, Inc.
Address: 1300 W Canal Street
City/State: Milwaukee, WI
Zip Code: 53233

Office: 414-643-4115
Cell: 262-880-4871
Email: nbraun@thesigmagroup.com
End User:
Salesman: CH2
Proposal #: 100/30/07/29/2014

System Specifications:

Boiler Horsepower:	100	BTU Input:	Unknown
Boiler Vessel Type:	Hybrid	Fuel Type:	Biomass
Steam Output:	3,450	Moisture Content:	50% or less
BTU Output:	3,347,500 BTU/ Hr	BTU Content:	Unknown
Design PSI:	30	Stoker Type:	Underfeed Stoker
Max Operating PSI:	27		

System Pricing:

(1) Hurst model 100 hp/ 30 PSIG (Hybrid)(Hot Water) (w/ Underfeed Stoker with manual deashing) (Fuel inlet threw Stack)	\$224,365
HBC Boiler fireman control system w/ O2 trim system	Included
Metering bin <i>(required for biomass)</i>	\$11,500
Flyash collecton system with Induced draft fan (support steel & ductwork included)	Included
Combustion air fans & combusiton air manifold (ductwork included)	Included
<u>(Boiler Equipment) Subtotal</u>	\$235,865
Optional Equipment <i>(For your consideration)</i>	
Soot blower system w/ automatic valves (Air by others)	\$11,500
Air heater <i>(for high moisture fuels)</i>	\$13,000
<u>(Optional Equipment) Subtotal</u>	
Fuel storage & conveying equipment to be determined based on customer requirements	TBD
Freight services & Onsite crane services	By Others
Erection of Equipment, Onsite Electrical & Plumbing services (Estimated)	\$80,000
<u>Total Estimate</u>	\$315,365

Note: All pricing is in USD, FOB Coolidge, GA, USA and does not include shipping, taxes, tariffs, duties, etc.

Delivery of the major components is estimated at 5 to 6 months

Thank you for the opportunity to provide these budget numbers for your analysis.

If you need any further assistance please feel free to let me know.

Kind Regards,

CLIFF HURST

Hurst Boiler and Welding Co., Inc.
21971 US Hwy 319 North
Coolidge, GA 31738
Phone: (229) 346-3545, ext. 1061 Fax: (229) 346-3874



HYBRID Series MH MODULAR PACKAGED I Model UFD

UNDERFEED STOKER- DRY WOOD FUEL
WITH RECIPROCATING FLOOR FUEL STORAGE SYSTEM

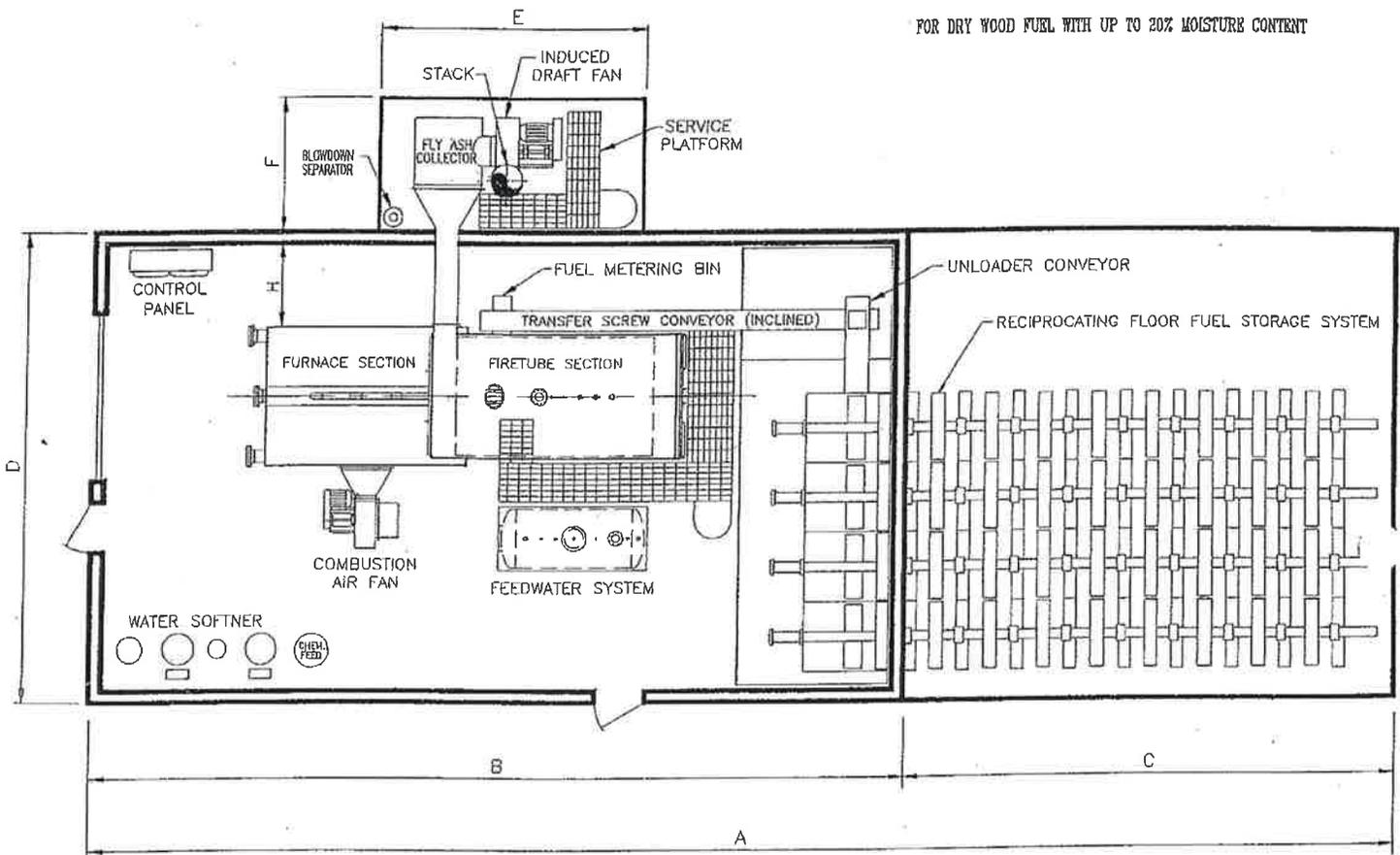
MODELS ALSO AVAILABLE FOR COAL, GAS, OIL, & MANY TYPES OF WASTE



100-1300 HP

3,450-44,850 LBS./HR.
LARGER & SMALLER SIZES
AVAILABLE, CONSULT FACTORY

FOR DRY WOOD FUEL WITH UP TO 20% MOISTURE CONTENT



- NOTE:
1. RECIPROCATING FLOOR FUEL STORAGE SYSTEM SHOWN, SILO FUEL STORAGE SYSTEMS AVAILABLE, CONSULT FACTORY
 2. TYPICAL PLOT PLAN SHOWN, NUMEROUS ARRANGEMENTS POSSIBLE TO FIT YOUR PLANT SITE CONDITIONS

PLOT PLAN DIMENSIONS

BOILER HORSEPOWER	100	125	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1300	
A	OVERALL LENGTH	78	78	78	82	82	82	86	86	86	88	88	88	86	86	90	90	
B	BOILER ROOM LENGTH	42	42	42	46	46	46	50	50	50	52	52	52	50	50	54	54	
C	FUEL STORAGE LENGTH	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	
D	BOILER ROOM WIDTH	20	20	20	20	24	24	24	28	28	30	30	30	34	34	34	34	
E	POLL. EQUIP. SLAB LENGTH	10	10	11	12	12	14	16	16	16	17	17	17	19	19	19	19	
F	POLL. EQUIP. SLAB WIDTH	6	6	6	7	7	7	8	8	8	9	9	9	10	10	10	10	
G	BUILDING EAVE HEIGHT	18	19	17	19	18	19	21	20	22.5	24.5	25	27	28	27	26	27	29
H	BOILER TO WALL CLEAR.	5	5	5	5	5	5	5	5	5	7	7	7	7	7	9	9	

DO NOT USE FOR CONSTRUCTION, SUBJECT TO CHANGE WITHOUT NOTICE.
ALL DIMENSIONS ARE IN FEET.

UFD-RF 42

HURST BOILER CO., INC.

P.O. DRAWER 529, HIGHWAY 319 S., COOLIDGE, GA. 31738

PHONE: 912-346-3545 FAX: 912-346-3874

Proposal



204 West Lake St., PO Box 30 Lake Mills, WI 53551 Phone 648-8373 (800)236-3434

August 5, 2014

Attention: Mark Miller – Maintenance Manager
Jefferson County Courthouse
320 S. Main St.
Jefferson, WI 53549 markm@jeffersoncountywi.gov 674-7198

RE: Boiler Replacement

Jensen Plumbing and Heating is pleased to propose the following:

Replacement of the existing Kewaunee boilers with 2) HTP, High Efficiency, Modulating, Model Mod Con 1700's. These boilers have Thermal Efficiency rating of 92% and each modulate from 1,700,000 BTU / Hr. down to 170,000 BTU / Hr. input. These boilers feature a built in sequencer, a Digital Display with LED Status Indicators and ASME Approved, All Stainless Steel Heat Exchangers

Proposed work includes:

-Dismantling and removal of the existing boilers (Deduct will be given for boilers Not to be Removed.)
Any Asbestos, if found is to be removed by others

-Installation of Boilers noted above includes:

- Repiping Supply & Return Mains
- Includes boiler pumps, system pumps to remain
- Includes 106 gallon, Vertical Expansion Tank
- Discal Dirt & Air Seperator
- Zilmet Boiler Mag (Magnet on return side piping) as well as Screened Y-Strainers
- Venting of boilers (with 8" PVC) via existing combustion air intake (No Longer Required)
- Installation of a 50 gallon, power vented water heater (As the existing will have to be removed)
- All Labor & Materials to Complete Above

Budget Figure for Above: \$ 167,500.00

Deduct \$ 5,800.00 if boiler Is Not Removed

AS REQUIRED BY THE WISCONSIN CONSTRUCTION LIEN LAW, BUILDER HEREBY NOTIFIES OWNER THAT PERSONS OR COMPANIES FURNISHING LABOR OR MATERIALS FOR THE CONSTRUCTION ON OWNER'S LAND MAY HAVE LIEN RIGHTS ON OWNER'S LAND AND BUILDINGS IF NOT PAID. THOSE ENTITLED TO LIEN RIGHTS, IN ADDITION TO THE UNDERSIGNED BUILDER, ARE THOSE WHO CONTRACT DIRECTLY WITH THE OWNER OF WHO GIVE THE OWER NOTICE WITHIN 60 DAYS AFTER THEY FIRST FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION. ACCORDINGLY, OWNER PROBABLY WILL RECEIVE NOTIES FROM THOSE WHO FURNISH LABOR OR MATERIALS FOR THE CONSTRUCTION, AND SHOULD GIVE A COPY OF EACH NOTICE RECEIVED TO HIS MORTGAGE LENDER, IF ANY. BUILDER AGREES TO COOPERATE WITH THE OWNER AND HIS LENDER, IF ANY, TO SEE THAT ALL POTENTIAL LIEN CLAIMANTS ARE DULY PAID.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature: Andy Casey

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Payment to be made as follows: Due in full upon receipt of invoice

Acceptance of Proposal – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____ Date of Acceptance: _____

1. Executive Summary (AKA Elevator Pitch)

Describe succinctly the challenge, solution, relevant information on impact, potential for scaling and any other critical information about your project (< 1 page recommended).

Climate Quest Challenge Executive Summary DRAFT

The Challenge

The Biomass Energy Project (BEP) addresses climate change by attacking a central flawed condition of modern industrial society; mechanistic thinking. The process of narrowing decision scope and metrics to an economic measure is doomed to failure, because we are part of an interconnected partnership with Nature. Failure to recognize this interconnectedness, will result in eventual failure of the underlying systems (ecological, and with it, social and spiritual), and collapse of the whole system. A great part of the climate crisis we face is caused by reductionist thinking, exemplified by the discounting of externalized costs of production by the fossil fuel industry, hence, the decoupling the economic aspect, from environmental consequences.

The Solution

The Biomass Energy Project corrects this flawed perspective, by addressing the problem holistically, valuing and assessing ecological, social and economic capital. We believe real solutions to reductionist thinking and climate change need to be local, regenerative and precautionary. By regenerative we mean that it creates, not destroys various forms of capital: living, material, experiential, social, cultural, financial and spiritual capitals. Precautionary means internalizing cost of production and broad risk management. We believe that it is crucial to adhere to these principles in designing a regenerative biomass energy system that would have a positive effect on climate change.

The proposal is to create a biomass energy system that utilizes locally grown biomass to heat and power some or all of the Jefferson County campus of buildings in Jefferson WI and create a model Regenerative Enterprise that can be duplicated elsewhere. Beginning with a pilot project, co-gen utilities would be built that would source fuels initially from waste streams, and then from local plantings of perennial, polycultures of coppicable woody plants. The woody plantings are to be designed to sequester carbon, phosphorus nitrogen water and energy and to provide as many ecological services as possible.

Relevant Information on Impact

BEP is a systems-wide energy and climate design solution. It is about how, what, where, and why we grow the woody biomass plants which will be used to fire the furnaces of our local government buildings.

BEP Specifically addresses climate change by removing carbon from the atmosphere and reducing the need for fossil fuel derived energies and the carbon dioxide they produce.. The ultra-local aspect of our solution further reduces ecological damage, while creating positive interdependent relationships, between our social and ecological systems.

The envisioned bio-mass energy facility would create local jobs, and bring security from fossil fuel price fluctuations and availability. BEP is a multi dimensional approach to creating an ultra-local energy system that rethinks the methodologies of exploitive industrial models, and brings together stakeholders from differing aspects of society, to develop policies, innovations, and assets that are good for the environment and our communities.

Potential for Scaling

There are 72 counties in Wisconsin, and some 3000 nation-wide, and so there will be many opportunities for the BEP to be replicated elsewhere in the US and world. BEP may be replicated in incorporated municipalities, as well as the private sector.

BEP is also capable of scaling; being designed for a larger or smaller scale. There is however a base tenant of being ultra local. Therefore BEP is not designed for long distance transport of fuel commodities.

Any Other Critical Information

BEP differs from other solutions by addressing the issue at a root level. Living systems have the ability to capture solar energy and regenerate living capital. Optimizing dynamic living systems to produce fuel and services, while sequestering carbon and other nutrients is a phenomenon not available to non-living, mechanistic processes.

BEP is designed to be a Regenerative Enterprise, and create multi-capital abundance.

BEP and the BEP Team have received a resolution of support from the Jefferson Co Bd. of Supervisors on July 10, 2014. (see below)

Concept Paper Outline:

Team Leaders: Please complete the following questions using up to eight pages, which includes tables and figures but excludes the reference list. Papers longer than 8 pages will not be considered (standard typeface and margins apply). All papers must be received by August 25, 2014 sent to Darin Harris at djharris@wisc.edu using PDF format.

1. Executive Summary (AKA Elevator Pitch)

Describe succinctly the challenge, solution, relevant information on impact, potential for scaling and any other critical information about your project (< 1 page recommended).

2. Challenge Statement

Describe the principal issues that led you and your team to propose this particular solution. What are the difficulties faced, who are the relevant stakeholders, and what are the social, political, economic or institutional forces at work? Include any assumptions or context that can help convey your understanding of the principal issues.

3. Solution and Impact

Describe your proposed solution and its ability to address challenges described in part 2. Emphasize the following:

- a) How the solution provides value to stakeholders and appeals to human stakeholders in ways that are novel, creative, and innovative.
- b) Anticipated improvements in environmental, social, and organizational conditions related to climate change adaptation or mitigation from solution, and how they are demonstrated or quantified.
- c) How solution uses social innovations or policy development alone or in combination with more conventional strategies, such as technological innovation.
- d) How you will measure outcomes (metrics) and over what time frame.

4. Ability to Scale-up Solution.

Describe how proposed solution can lead to wide spread adoption on a regional, national, or international level ultimately having society-wide impact, and what challenges may exist to scale up.

5. Readiness of Solution (AKA Time to Impact)

Describe how long the proposed solution will take to build, create or implement. This can include the time for initial designed solution AND how long you predict it will take to scale-up.

**PROJECT STATUS UPDATE
NEW HIGHWAY FACILITY PROJECT
JEFFERSON, WI
8-6-14**

1. Activities This Past Month (July)
 - Started mass grading of site; approx 60% complete
 - Lime stabilization of site subgrade; 100% complete
 - Started footing excavation, forming & pouring foundation concrete for main facility; approx 75% complete
 - Automated wash bay interceptor tank set
 - Submittals/Shop Drawings review & approval process continuing
 - Precast panel & structural steel deliveries targeted early August

2. Upcoming Construction Activities in August
 - Continue mass grading activities north 3rd of site, pond construction, new access drive
 - Continue public utility install in new access road into site (sanitary sewer & water main)
 - Start site underground utilities
 - CTH W roadway restoration; finish grading & paving
 - Continue footing excav, forming & pouring foundation concrete for main facility
 - Start footing excav, forming & pouring foundation concrete for cold storage bldg
 - Start setting structural steel frame & precast wall panels
 - Start main bldg underground MEP toward end of the month

3. Bidding & Award Activities
 - Change Request #12 – was for incorporating State plan review comments \$65,571.34
 - Change Request #15&16 – lime stabilization actual cost is \$410,124.41 vs. previous budget amount of \$504,307.62 (from CR #10, which is voided)
 - Change Request #17 – credit to budget allowance for automated truck wash plumbing & electrical install, deduct of \$8,234.00
 - Change Request #18⁴ – to convert Fire Alarm notification to Voice Message system, add of \$22,721.06

4. Construction Draw Request Status
 - 3rd Maas Payment Application processed
 - Total amount completed: \$1,218,070.76
 - Percent complete: 14%
 - County PO payments: \$455,050.82
 - Percent complete: 8.5%

5. Other Misc
 - WDOT Salt Shed no bids received due to tight timelines will re-bid Nov, 2014 for 2015 construction

Jefferson County Highway Department - Construction Budget Spreadsheet

Construction Related Hard Costs

Item	Description	Base Bid	Alternate #1	Base Bid w/Alternate #1	Value Engineering	Base Bid/Alt. #1/VE	County PO's
1.01	BP#01 - Sitework (Veit)	\$2,459,025.00	\$2,600.00	\$2,461,625.00	-\$18,200.00	\$2,443,425.00	\$821,400.00
1.02	BP#02 - Asphalt (Rock Road)	\$1,178,429.10	-\$2,830.43	\$1,175,598.67		\$1,175,598.67	\$346,722.65
1.03	BP#03 - Site Utilities (Veit)	Costs in 1.01				\$0.00	
1.04	BP#04 - Fencing (American Fence Co.)	\$70,525.00		\$70,525.00		\$70,525.00	\$23,859.15
1.05	BP#05 - Landscaping (All-Ways Contractors)	\$86,132.00		\$86,132.00		\$86,132.00	
1.06	BP#06 - Cast-In-Place Concrete (Maas Brothers)	\$1,138,000.00	\$22,000.00	\$1,160,000.00		\$1,160,000.00	\$294,238.00
1.07	BP#07 - Precast Concrete (Miron Construction)	\$1,193,482.00	\$27,208.00	\$1,220,690.00	-\$40,648.00	\$1,180,042.00	\$867,013.00
1.08	BP#08 - Masonry (Walsh Masonry)	\$351,095.00		\$351,095.00	-\$20,630.00	\$330,465.00	\$72,818.00
1.09	BP#09 - Structural Steel Materials (Skyline Steel)	\$579,000.00	\$19,500.00	\$598,500.00		\$598,500.00	\$567,299.00
1.10	BP#10 - Structural Steel Erection (Red Cedar)	\$178,990.00	\$1,750.00	\$180,740.00		\$180,740.00	
1.11	BP#11 - Pre-Engineered Building (Maas Brothers)	\$438,392.00		\$438,392.00	-\$31,774.00	\$406,618.00	\$221,978.00
1.12	BP#12 - General Construction (Maas Brothers)	\$1,575,000.00	\$30,500.00	\$1,605,500.00	-\$26,090.00	\$1,579,410.00	\$687,913.42
1.13	BP#13 - Roofing & Sheet Metal (Northern Roofing)	\$776,100.00	\$10,950.00	\$787,050.00	-\$48,500.00	\$738,550.00	\$228,000.00
1.14	BP#14 - Fire Protection (Grunau)	\$95,000.00	\$5,000.00	\$100,000.00		\$100,000.00	
1.15	BP#15 - Plumbing (Zimmerman Plumbing)	\$514,900.00	\$3,500.00	\$518,400.00		\$518,400.00	\$248,865.00
1.16	BP#16 - HVAC (Tri-Cor Mechanical)	\$642,000.00	\$9,300.00	\$651,300.00		\$651,300.00	\$275,436.00
1.17	BP#17 - Electrical (Next Electric)	\$913,889.00	\$4,800.00	\$918,689.00		\$918,689.00	\$313,023.00
1.18	BP#18 - Automatic Truck Wash (Interclean)	\$275,972.18		\$275,972.18	-\$15,000.00	\$260,972.18	\$174,085.00
1.19	BP #19 - Salt Brine Equipment	\$146,245.16		\$146,245.16	-\$146,245.16	\$0.00	
1.20	BP#20 - Bulk Fluids - TARGET #	\$155,000.00		\$155,000.00		\$155,000.00	\$234,300.00
1.21	BP#21 - Fuel Islands -TARGET #	\$349,500.00		\$349,500.00		\$349,500.00	
1.22	General Conditions	\$178,000.00		\$178,000.00		\$178,000.00	
1.23	Supervision	\$165,000.00		\$165,000.00		\$165,000.00	
1.24	CM Fee 2%	\$269,193.53	\$2,685.55	\$271,879.08		\$264,937.34	
1.25	Estimated Sales Tax Savings	-\$228,000.00		-\$228,000.00		-\$228,000.00	
	Sub Total	\$13,500,869.97	\$136,963.12	\$13,637,833.09	-\$347,087.16	\$13,283,804.19	\$5,376,950.22

Construction Related Reimbursables/Allowances

Item	Description	Budget Cost	Actual Cost
2.01	Builders Risk Insurance	\$5,000.00	\$0.00
2.02	Materials Testing	\$50,000.00	
2.03	Construction Manager Bond	\$60,000.00	
2.04	Advertising Bid Packages	\$2,500.00	
2.05	Plan Printing	\$18,500.00	
2.06	Floor Finish Allowance	\$47,985.00	
2.07	CM Fee 2%	\$2,720.00	\$0.00
	Sub Total	\$186,705.00	\$0.00
	Total Construction Contract	\$13,470,509.19	

Change Requests

Item	Description	Cost	Changes to Owner PO
3.01	Credit Builders Risk	-\$5,100.00	
3.02A	Credit Materials for Owner Direct PO's	-\$5,142,650.22	
3.02B	Credit Additional Sales Tax Savings above Estimate in 1.25	-\$11,200.02	
3.03	Credit to Change ACT-1 to Certaineed SHM-154	-\$2,490.00	
3.04	PTI Credit for Security	-\$9,575.00	
3.05	Provide BAF Basic 6 Fan in Lieu of Power Foil X2.0	\$0.00	-\$10,600.00
3.06	Construction Bulletin #1	-\$6,958.71	-\$5,851.00
3.07	Add Additional Depth to the Footing at the Wash Bay	\$2,480.64	
3.08	Bulk Fluids & Fuel Islands (Changes from the Target #)	\$73,332.90	
3.09	Bulk Fluids & Fuel Islands (Owner Direct PO's & Sales Tax Savings)	-\$245,001.10	
3.10	Lime Stabilization "BUDGET" (Budget was \$504,307.62)	VOID	
3.11	Change to Plenum Rated Cable at Plenum Ceilings Only	\$6,194.59	
3.12	Construction Bulletin #2	\$55,107.00	\$10,574.00
3.13	Truck Wash Water Sofetner	\$42.59	
3.14	Convert Fire Alarm to Voice System	\$22,721.06	
3.15	Lime Stabilization (Rock Solid)	\$259,832.36	
3.16	Lime Stabilization (Owner Direct PO)	\$4,405.76	\$145,886.29
3.17	Credit for Plumbing & Electrical Allowance for Truck Wash	-\$8,234.00	
3.18	Add Roof Frames @ Skylights	\$4,769.93	\$6,635.00
	Sub Total	-\$5,002,322.22	\$146,644.29

Total Construction Contract with Change Requests	\$8,468,186.97	
Total Owner Direct Purchases with Change Requests		\$5,523,594.51
Owner's Total Construction Related Project Cost To Date	\$13,991,781.48	

Owner Related Allowances & Contingency

	Allocated Cost	Cost to Date
3.01	Contingency	\$700,000.00
	Sub Total	\$700,000.00
	Total Remaining Owner Contingency	\$178,727.71
4.01	Salt Shed Allowance	\$800,000.00
	Sub Total	\$800,000.00
6.01	Owner FF&E/Technology	\$400,000.00
6.02	Sub Total	\$400,000.00
7.01	Total Project Budget	\$15,370,509.19