

Tuesday, December 08, 2015

## BASIC SOLID FUEL SYSTEM BUDGETARY PRICING FORM

### Contact Information:

Contact:	Joe Adams	Phone:	(618) 372-3666
Company:	Historic Timber and Plank, Inc.	Fax:	
Address:	16092 Lageman Lane	Email:	joe@historictimberandplank.com
City/State:	Brighton, IL	End User:	HTP
Zip Code:	62012	Salesman:	Gene Zebley
		Proposal #:	2015-12-08C

### System Specifications:

Boiler Horsepower:	150	BTU Input:	6,276,600 BTU/hr
Boiler Vessel Type:	Series 100 Firebox	Fuel Type:	Hardwood
Steam Output:	5,175 PPH	Moisture Content:	8%
BTU Output:	5,021,250 BTU/hr	BTU Content:	8,000 BTU/lb
Design PSI:	15 PSI Steam / 30 PSI Hot Water	Fuel:	785 lbs/hr
Operating PSI:	12 PSI / 28 PSI	Stoker Type:	Underfeed (Manual Deash)

### System Pricing:

HBC Series 100 Firebox Boiler Vessel with pressure relief valves per ASME Code, operating and hi limit control, low water cut-off, pressure gauge, open bottom	\$41,200
Firetube Soot Blowers, compressed air by others (10 scfm @ 100 PSI)	\$13,800
Forced draft and over fire air fans	\$16,300
Induced draft fan and multicyclone particulate collector (rack mounted)	\$32,600
Combustion Air Preheater (for fuels >35% M.C. only)	NA
HBC Boiler Fireman Control System w/ O2 Trim, Computer, Remote Annunnciation	\$48,000
HBC underfeed stoker assembly with retort, grates, air box	\$22,800
Gasification/Combustion casing with one (1) cast iron access door and site glasses	\$31,500
HBC Casing Refractory and Insulation kit	\$25,000
HBC Biomass Fuel Metering Bin w/ auto controls, feed screw 9'-6" long	\$17,400
Exhaust Stack, ID fan mounted, 20'	\$3,000
Piping package, Boiler to HBC supplied peripherals	\$18,000
Access platforms and ladder	\$5,300
Sub Total	\$274,900
Final Price	\$274,900
Optional Adders:	
HBC Sloped Reciprocating Gasifier Stoker (auto-deashing) w/ wet ash conveyor	\$130,000
Optional Feed Water System (duplex with two pumps, modulating VFD's)	\$10,000
Optional DA (duplex with two pumps, modulating VFD's)	NA
Reciprocating Floor Fuel Storage System (2 tree floor, ~ hrs storage @ % ouput)	\$97,500
Auxiliary Burner (natural gas, #2 oil or combination)(for use as backup only)	\$24,100
Secondary Polution Controls	As May Be Req.
Installation by others, estimate +25% of equipment cost	

Note: All pricing is in USD, FOB Coolidge, GA, USA and does not include shipping, taxes, tariffs, duties, installation, wiring/conduit, crane/lifting services, start up, training, etc. This budgetary proposal is valid for 30 days from date of document. Standard terms are 35% upon order, 65% upon notification of preparedness to ship (FOB Coolidge, GA). Current delivery schedules are 290 days from order receipt to installation completion and 210 days for equipment only.

Thank you for the opportunity to provide these preliminary budget numbers for your analysis. When you decide to proceed we will provide detailed proposal(s) upon request.

Gene Zebley

Hurst Boiler and Welding Co., Inc.  
100 Boilermaker Lane  
Coolidge, GA 31738  
Phone (Direct Line): (229) 346-3972 Fax: (229) 346-3874 (Attn: G. Zebley)  
Web Site: <http://www.hurstboiler.com>  
Email: [gzebley@hurstboiler.com](mailto:gzebley@hurstboiler.com)

