

Tuesday, December 08, 2015

BASIC SOLID FUEL SYSTEM BUDGETARY PRICING FORM

Contact Information:

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Company:	Historic Timber and Plank, Inc.	Fax:	
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City/State:	Brighton, IL	End User:	HTP
Zip Code:	62012	Salesman:	Gene Zebley
		Proposal #:	2015-12-08D

System Specifications:

Boiler Horsepower:	250	BTU Input:	9,900,000 BTU/hr
Boiler Vessel Type:	Series 100 Firebox	Fuel Type:	Hardwood
Steam Output:	8,625 PPH	Moisture Content:	8%
BTU Output:	7,920,000 BTU/hr	BTU Content:	8,000 BTU/lb
Design PSI:	15 PSI Steam / 30 PSI Hot Water	Fuel:	1,238 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	\$57,437
Firetube Soot Blowers, compressed air by others (10 scfm @ 100 PSI)	\$15,000
Forced draft and over fire air fans	\$18,400
Induced draft fan and multicyclone particulate collector (rack mounted)	\$36,100
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	\$25,200
Gasification/Combustion casing with one (1) cast iron access door and site glasses	\$34,500
HBC Casing Refractory and Insulation kit	\$27,500
HBC Biomass Fuel Metering Bin w/ auto controls, feed screw 9'-6" long	\$18,400
Exhaust Stack, ID fan mounted, 20'	\$3,500
Piping package, Boiler to HBC supplied peripherals	\$19,500
Access platforms and ladder	\$6,900
Sub Total	\$310,437
Final Price	\$310,437
Optional Adders:	
HBC Sloped Reciprocating Gasifier Stoker (auto-deashing) w/ wet ash conveyor	\$135,000
Optional Feed Water System (duplex with two pumps, modulating VFD's)	\$11,700
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)	\$41,706
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

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