ICF Specialists & Building Supply Store

Traditional Concrete VS. ICF Foundation Cost Comparison

Specs: 9' Height Basement Wall 146 Lineal Feet

	Traditional	ICF
Labour	$ 4332.00	$ 6 300.00
Includes: pads, footings, walls, windows, corners		
Material Package	$ 1 400.00	$ 8 574.81
Traditional Concrete: *2-10mm footing, four horizontal rows of 10mm in walls, vertical rebar 10 MM at 24", window and ladder material, and accessories*		
ICF *: 2-10mm footing, footing dowels, seven horizontal rows of 10mm in walls, vertical rebar 15 MM at 16", window and topplate material, and accessories*		
Concrete	$ 8 250.00	$ 6 750.00
Traditional Concrete: 33 metres		
ICF: 27 metres		
2 Concrete Pump Trucks	$ 2 000.00	$ 2 000.00
Basement Framing		
Material: 2" x 6" studs at 24" o/c with top/bottom plate	$ 850.00	N/R
Labour	$ 876.00	N/R
Basement Insulation		
Labour & Material: R-22 (Effective R-17) Batt Insulation	$ 2 207.00	N/R
Vapour Barrier		
Labour & Material: Vapour Barrier	$ 300.00	N/R
Third Party Engineering	$ 150.00	N/R
Total Price :	$ 20 365.00	$ 23 624.81

Total Price Difference	$ -	$ 3 259.81
Percent Increase		***16%***
Effective R-Value of Wall Assembly	**R-17**	**R-24**
Insulation Difference %		***41 % Higher***

Conclusion: For 41% more insulation ICF Costs 16% more

Additional benefits using ICF not taken into account:

1. ICF eliminated thermal bridging at stud locations
2. Up to 30-50% energy cost savings compared to traditional framing
3. Save time and money for coordination of trades (concrete, framing, insulation/vapour barrier done in 1 step
4. Provides warmer, drier, healthier and more livable basement for your family

Notes:

*Prices may vary based on purchasing power, job size, complexity, material fluctuations, and travel fees

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