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Demolition

Blow Things Up!

Less than 1%
of demolition
includes
implosion
work



Demolition

Then there is the Wrecking Ball.....



Wrecking ball is no longer made and rarely used any more.

Demolition

Demolition has become much more sophisticated with the use of specialty attachments



Demolition

Shears



Concrete
Pulverizers



Demolition

High Reach's



Remote Control
Equipment



Demolition

Before...



After...



Demolition

Assets and Liabilities

As an owner or manager success on a demolition project can come in the form of:

- Knowing your Assets
- Understanding your Liabilities

Demolition - Assets

Asset: *Something that has an associated value*

Scrap: *an old, discarded, or rejected item or substance for use in reprocessing or as raw material, as old metal that can be melted and reworked.*

Metal

Demolition - Assets

- Metals are a commodity
- Fluctuate with the market and economy

Steel market

- 1980's \$65 per ton
 - 2007 \$600 per ton
 - Currently \$200 per ton
- Prices also vary per location
 - Prices are generally adjusted on a monthly basis

Demolition - Assets

Metals come in two forms:

- Ferrous
- Non-Ferrous



Demolition - Assets

Ferrous: *An iron based metal*

Steel

Non-Ferrous: *A non-iron form of metal*

Copper

Titanium

Nickel

Aluminum

Brass

Stainless Steel

Demolition - Assets

What else can be an asset?



Demolition - Assets

- Motors



- Furniture



- Equipment



- Structures



Demolition

The value of all these assets have a commonality

“TIME”

*Something is only
worth what someone is willing
to pay at that point in time*



Demolition - Liabilities

Liabilities - moneys owed; debts or obligations (opposed to assets)

Demolition - Liabilities

Demolition and Liabilities

- Materials and Management
- Means and Methods

Demolition - Liabilities

Materials and Management

Materials – *know your materials*

- Asbestos
- PCB's
- Lead
- Mercury
- Debris



Demolition - Liabilities

Manage your Materials

Handling

- Do not create a larger problem

Transportation

- Correct vehicles and properly licensed to carry

Disposal

- Correct facility and vet it

Demolition - Liabilities

Means and Methods

Who you choose?



Demolition - Liabilities

The Good

Reputable

- Has a history

Strong Safety

- Has a good EMR
- Look for any violations

Strong Financial

- Capable of bonding

True Understanding

- Knows the expected end result

Demolition - Liabilities

The Bad

- Questionable reputation
- Safety shows increases in incidents
- Struggling financially
- Has to rent all equipment
- Qualifies to allow for change orders

Demolition - Liabilities

The Ugly

- Came back into business under another company name
- Left projects incomplete
- Offers unrealistic results
- Cannot bond project
- EMR above 1.0

Demolition - Liabilities



Demolition - Liabilities



Demolition - Liabilities



Demolition – Assets and Liabilities

Assets = +

Liabilities = (-)



Demolition – Assets and Liabilities

How do you maximize your assets and minimize your liabilities?

Responsibility

and

Knowledge



Demolition – Assets and Liabilities

Responsibility

Maintain your assets

- Do not devalue assets by simply ignoring them
- Do not create costs by ignoring and not maintaining your assets



Demolition – Assets and Liabilities

Responsibility

Manage Time



Vs.



Just like a car – a new version in good shape is worth more than an old version in bad shape

Demolition – Assets and Liabilities

Knowledge

- Good Contractor – vetted
- Quantify what you have
- Understand what you have
- Develop a sound plan
- Know and understand the finished product you are looking for

Demolition

Understanding your Assets Understanding your Liabilities

- Demolition is the only contracting business where the owner has the opportunity to get paid for the work that is done
- How much that payment is depends on understanding your *Assets* and Understanding your *Liabilities*

Demolition – Holden Mine



Demolition – Holden Mine



Demolition – Holden Mine



Demolition – Holden Mine



Demolition – Holden Mine



Demolition

Understanding your Assets
Understanding your Liabilities

