



OGMCOAL DNR <ogmcoal@utah.gov>

Task 4779 rock chute bond

Cheryl Parker <cherylparker@utah.gov>

Wed, Jan 14, 2015 at 4:22 PM

To: Vicky Miller <vmiller@bowieresources.com>

Cc: Amanda Daniels <amandadaniels@utah.gov>, OGMCOAL DNR <ogmcoal@utah.gov>, Daron Haddock <daronhaddock@utah.gov>

Vicky,

I apologize that took longer then I intended as I had several other things pull my attention elsewhere.

I've gone through your sheet and found a couple discrepancies that I highlighted in Red and explained in a Comment bubble. Feel free to give me a call if you'd like to discuss these in detail.

Amanda and I talked and you have two options:

1. If you'd be willing to address the points I will kick the amendment back out as deficient asap and then you can resubmit the clean copy for us to approve asap (i.e. Amanda and I would pull it through the system within hours of you submitting it and review it then).
2. Another option is, due to the urgency of this task, I can simply accept this current version with an agreed upon understanding that in the very near future, when we go through the midterm bond review, you will address the points I've listed in the attached file and they will be corrected at that point.

This option is available because the midterm bond update will significantly change the bond amount and each of the other sheets will also be corrected, so the errors in this individual sheet are relatively insignificant and can wait for this larger correction which is currently in process.

The major cost is still the concrete demolition, if you can get an invoice from a certified local contractor that is lower then the RS Means of \$10.71, I would accept that in place of using RS Means.

Give me or Amanda a call as your leisure.

Thank Vicky

Cheryl Parker, M.S., P.E.

Mine Engineer

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State of Utah

DNR - Division of Oil Gas & Mining

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TippleBuilding.xlsx

24K

Number	Unit	Swell Factor	Quantity	Unit	Cost
	CF		105056	CF	28365
		0.2	778	CY	
	CY		49	Trips	
	Trip/Day				
			16.3	DAY	11283
			130.4	HR	4897
					44545
	LB		50	EA	3480
	tons		24	tons	
			1.5	trips	
	3 trips		0.5	DAY	346
			4	HR	150
					3976
	CY		5022	SF	53786
		1.3	121	CY	
			121	CY	202
			121	CY	357
			121	CY	1047
					55392
	CY		2117	SF	22673
		1.3	51	CY	
			51	CY	85
			51	CY	150
			51	CY	441
					23349
	EA		170	EA	15640
					15640
					142902

* Assumes 48 (1000 lbs) beams and 2 (500 lbs) beams = 50 beams

$$SF = \left[\left(\frac{93Yd^3 * \frac{27ft^3}{1Yd^3} * \frac{1728in^3}{1ft^3}}{6inches} \right) \right] * \left(\frac{1ft^2}{144in^2} \right)$$

*Assume 6 inch concrete

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