

Cost Comparison	Total Price				Hours			
	Bidder 1	Bidder 2	Bidder 3	JM Estimate	Bidder 1	Bidder 2	Bidder 3	JM Estimate
Indirects	211,868,052	169,661,922	114,855,200	68,240,172	1,116,138	484,914	534,956	428,722
General	10,435,734	6,781,250	7,797,635	6,158,218	57,518	13,969	32,022	27,076
Temp bridge	7,849,347	10,425,000	7,036,000	8,085,000	33,516	14,950	19,990	32,941
Upstream cofferdam	24,967,626	23,557,471	27,488,940	19,832,821	118,057	46,525	90,856	85,855
Downstream cofferdam	963,339	846,577	975,520	594,833	5,514	2,793	4,511	2,999
Intake cofferdam	1,420,271	1,346,467	2,100,480	983,361	8,221	4,463	8,368	4,743
South dam	10,489,632	9,851,010	11,582,028	6,580,254	58,174	24,112	47,780	30,722
North dam	115,211,992	86,488,911	157,069,989	81,434,623	693,104	269,468	671,304	248,376
Tailrace work	11,176,972	6,838,893	11,459,300	9,551,543	52,819	18,374	37,254	41,006
Totals	394,382,966	315,797,500	340,365,092	201,460,827	2,143,061	879,568	1,447,042	902,441

Cost Comparison	Total Price				Hours			
	Bidder 1	Bidder 2	Bidder 3	JM Estimate	Bidder 1	Bidder 2	Bidder 3	JM Estimate
Indirects	211,868,052	169,661,922	114,855,200	68,240,172	1,116,138	484,914	534,956	428,722
General	10,435,734	6,781,250	7,797,635	6,158,218	57,518	13,969	32,022	27,076
Temp bridge	7,849,347	10,425,000	7,036,000	8,085,000	33,516	14,950	19,990	32,941
Upstream cofferdam	24,967,626	23,557,471	27,488,940	19,832,821	118,057	46,525	90,856	85,855
Downstream cofferdam	963,339	846,577	975,520	594,833	5,514	2,793	4,511	2,999
Intake cofferdam	1,420,271	1,346,467	2,100,480	983,361	8,221	4,463	8,368	4,743
South dam	10,489,632	9,851,010	11,582,028	6,580,254	58,174	24,112	47,780	30,722
North dam	115,211,992	86,488,911	157,069,989	81,434,623	693,104	269,468	671,304	248,376
Tailrace work	11,176,972	6,838,893	11,459,300	9,551,543	52,819	18,374	37,254	41,006
Totals	394,382,966	315,797,500	340,365,092	201,460,827	2,143,061	879,568	1,447,042	902,441

Cost Comparison	Total Price				Hours			
	Bidder 1	Bidder 2	Bidder 3	JM Estimate	Bidder 1	Bidder 2	Bidder 3	JM Estimate
Indirects	211,868,052	169,661,922	108,541,650	68,240,172	1,116,138	484,914	523,579	428,722
General	10,435,734	6,781,250	7,632,160	6,158,218	57,518	13,969	32,027	27,076
Temp bridge	7,849,347	10,425,000	6,773,000	8,085,000	33,516	14,950	19,300	32,941
Upstream cofferdam	24,967,626	23,557,471	27,024,660	19,832,821	118,057	46,525	90,440	85,855
Downstream cofferdam	963,339	846,577	984,125	594,833	5,514	2,793	4,459	2,999
Intake cofferdam	1,420,271	1,346,467	2,069,710	983,361	8,221	4,463	8,386	4,743
South dam	10,489,632	9,851,010	11,429,660	6,580,254	58,174	24,112	46,482	30,722
North dam	115,211,992	85,339,980	132,820,940	81,434,623	693,104	269,468	587,856	248,376
Tailrace work	11,176,972	6,838,893	11,423,603	9,551,543	52,819	18,374	37,256	41,006
Travel		7,691,689						
Totals	394,382,966	322,340,257	308,699,508	201,460,827	2,143,061	879,568	1,349,785	902,441

Bid
Adj:
 - remove travel, bus & fuel 300k

#1
 - start with 31
 - add back 8.5M for quarry / borrow pit

#2
 - remove 4.5M for jet grouting

May 2017

Cost Comparison	Total Price					Hours				
	Bidder 2 (Bid)	Bidder 3 (Alt) (Bid)	Bidder 2 (Rebid)	Bidder 3 (Rebid)	Estimate	Bidder 2 (Bid)	Bidder 3 (Alt) (Bid)	Bidder 2 (Rebid)	Bidder 3 (Rebid)	Estimate
IND	177,353,611	108,541,650	162,106,689	97,540,000	68,240,172	484,914	523,579	459,652	449,425	428,722
GEN	6,781,250	7,632,160	5,913,470	6,085,875	6,158,218	13,969	32,027	13,798	27,841	27,076
TB	10,425,000	6,773,000	10,275,000	6,615,000	8,085,000	14,950	19,300	16,250	19,297	32,941
USCD	23,318,855	26,810,940	16,282,950	19,301,630	19,678,051	46,163	90,046	45,705	78,125	85,196
DSCD	846,577	984,125	757,300	911,600	594,833	2,793	4,459	3,254	4,460	2,999
ICD	1,346,467	2,069,710	1,347,300	1,932,700	983,361	4,463	8,386	5,279	8,466	4,743
SD	9,851,010	11,429,660	9,516,260	10,485,660	6,580,254	24,112	46,482	29,461	46,517	30,722
ND	85,668,660	132,820,940	93,764,230	133,782,560	81,434,623	269,468	587,856	272,303	597,572	248,376
TRW	6,838,893	11,423,603	6,843,210	10,768,975	9,551,543	18,374	37,256	19,991	37,254	41,006
Optional	238,616	213,720	7,314,282	6,986,525	154,770	362	394	4,574	17,657	659
ADJ	(18,020,800)	(3,870,800)	-	-	-	-	-	-	-	-
ADJBid3 (1)	-	-	(2,000,000)	-	-	-	-	-	-	-
Labour cost from subs in estimate	-	-	-	-	-	-	-	-	-	-
Totals w/o Optional	304,409,521	304,614,988	304,806,409	287,424,000	201,306,057	879,206	1,349,391	865,693	1,268,958	901,782
Totals	304,648,137	304,828,708	312,120,691	294,410,525	201,460,827	879,568	1,349,785	870,266	1,286,615	902,441

49948.50
19046.52

15200
19,991
41,006

Indirect/Direct ratio 140% 55% 114% 51% 51%