

## SPILLWAY BUDGET PRICE

- 1) CONCRETE — INCLUDING FORMWORK, REBAR + FINISHING ETC.  
# 1173<sup>00</sup> / m<sup>3</sup>
- 2) CONCRETE WITHOUT REBAR  
# 907<sup>30</sup> / m<sup>2</sup>
- 3) REBAR  
# 485 / KG

McN 13

JOB :

CONTRACT BID ITEM :

QUANTITY :

SHEET 1 OF 2

PREPARED BY :

CHECKED BY :

### ESTIMATE WORK SHEET

CODE	DESCRIPTION	ESTIMATED		UNIT COST		LABOUR	MATERIAL		SUB TRADES	HIRED TRUCKS	RENTS		FUELS & LUBES	MAINT. & REPAIRS	DIRECT COST	
		QUANTITY	UNIT	LAB.	MAT.		CONSTR.	PERMANENT			OUTSIDE	COMPANY			AMOUNT	UNIT
	PROJECT MANAGER	15	MTHS			300000					33000		33000	16875	382875	
CONSTR MGR	DEPUTY PROJECT MANAGER	15	MTHS			262500					33000		33000	16875	345375	
2	CONCRETE SUPERINTENDENTS	28	MTHS			462000					56000		56000	33600	667600	
2	FORMWORK 11	28	MTHS			462000					56000		56000	33600	667600	
	QUANTITY SURVEYOR	14	MTHS			238000					28000		28000	16800	310800	
	PROJECT ENGINEER	14	MTHS			238000					28000		28000	16800	310800	
2	FIELD ENGINEERS	28	MTHS			339500					56000		56000	33600	485100	
	OFFICE ENGINEER	14	MTHS			154000									154000	
	STUDENT ENGINEER	14	MTHS			123900									123900	
	DRAFT PERSON	14	MTHS			154000									154000	
	INSTRUMENT MAN	15	MTHS			252000					33000		33000	16875	334875	
	ROD MAN	14	MTHS			190000									190000	
	OFFICE MANAGER	15	MTHS			165000									165000	
	2 - OFFICE CLERKS	28	MTHS			243600									243600	
	SECRETARY	15	MTHS			160000									160000	
	SWITCHBOARD OPERATOR	14	MTHS			150000									150000	
	2 - COST CONTROL	28	MTHS			280000									280000	
	QUALITY CONTROL PERSON	12	MTHS			132000					24000		24000	14400	199400	
	SAFETY MANAGER	14	MTHS			140000					28000		28000	16800	212800	
	MASTER MECHANIC	15	MTHS			247500					33000		33000	16875	330375	
	MECHANICS	30	MTHS			430500									430500	
2	WAREHOUSE ATTENDANTS	28	MTHS			277200									277200	
	OFFICE + SUPPLIES	15	MTHS				100000	80000							180000	
	COMMUNICATIONS	15	MTHS				90000								90000	
	<b>TOTAL</b>					<b>5461700</b>	<b>190000</b>	<b>80000</b>			<b>408000</b>		<b>468000</b>	<b>233100</b>	<b>6720800</b>	

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CODE	DESCRIPTION	ESTIMATED		UNIT COST		LABOUR	MATERIAL		SUB TRADES	HIRED TRUCKS	RENTS		FUELS & LUBES	MAINT. & REPAIRS	DIRECT COST	
		QUANTITY	UNIT	LAB.	MAT.		CONSTR.	PERMANENT			OUTSIDE	COMPANY			AMOUNT	UNIT
						5461700	190000	80000			408000		408000	233100	6700800	
	WATER + ICE	14	MTHS				16800								16800	
	WASHROOM SUPPLIES	14	MTHS			184000	28000								212000	
	PUBLIC RELATIONS	15	MTHS				15000								15000	
	PROJECT FACILITIES	15	MTHS			165000	50000				150000				365000	
	FORMWORK CONSULTANT	L.S.							40000						40000	
	LEGAL & AUDIT	L.S.							50000						50000	
	BONDS & INSURANCES	L.S.					600000 (PLUG)								600000	
	PERMITS	L.S.					25000 (PLUG)								25000	
	SERVICE TRUCKS	14	MTHS			192500					50400		46200	30000	319100	
	WELDING TRUCK	14	MTHS			192500	75000				50400		46200	30000	394100	
	PITMAN + DRIVER	14	MTHS			192500					60000		46200	30000	328700	
	2-BUSES	14	MTHS								30000		25000	20000	75000	
4	BOARD STAFF (APTS)	15	MTHS				225000								225000	
	TRAVEL STAFF	L.S.					500000 PLUG								500000	
	TRAVEL CRAFT	L.S.					2500000 PLUG								2500000	
	SANITARY FACILITIES	15	MTHS			22500					75000				97500	
	TOWER LIMITS	15	MTHS								105000		52500	15000	172500	
SNOW	CLEANING, INSULATED TRACKS & HEAT	5	MTHS			170000					50000		30000	25000	275000	
	SAFETY SUPPLIES	L.S.					200000								200000	
	TOOL CRIBS	L.S.					50000								50000	
	ENVIRONMENTAL MONITOR	14	MTHS			196000					28000		28000	16800	268800	
	LAY DOWN AREAS	10000	M <sup>2</sup>			100200					46000		32000	26000	204200	
	SMALL TOOLS	L.S.					500000 PLUG									
	<b>TOTAL</b>					6816900	4474800	80000	90000		1052800		714100	425900	4254500	

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CODE	DESCRIPTION	ESTIMATED		UNIT COST		LABOUR	MATERIAL		SUB TRADES	HIRED TRUCKS	RENTS		FUELS & LUBES	MAINT. & REPAIRS	DIRECT COST		
		QUANTITY	UNIT	LAB.	MAT.		CONSTR.	PERMANENT			OUTSIDE	COMPANY			AMOUNT	UNIT	
1	EDGE FORMS	1280	M <sup>2</sup>			222560	128000					22733	17050	8550	498893	390/m <sup>2</sup>	
2	FORMWORK ONE SIDE AGAINST ROCK	2700	M <sup>2</sup>			808164	189000					148500	62965	45036	1253665	464 <sup>3</sup> /m <sup>2</sup>	
3	WALL 2-SIDED & PREFAB	8000	M <sup>2</sup>			756000	800000					46640	33360	20000	1656000	207/m <sup>2</sup>	
	b) SET & STRIP	23997	M <sup>2</sup>			4487200	719910					809900	329718	210214	6556942	273 <sup>24</sup> /m <sup>2</sup>	
4	SOFFIT FORMWORK	1055	M <sup>2</sup>			421177	168800					68575	35153	17597	711302	674 <sup>21</sup> /m <sup>2</sup>	
5	BOX CUTS	2756	M <sup>2</sup>			868140	165360					61183	45887	23013	1163583	422 <sup>20</sup> /m <sup>2</sup>	
6	BULK HEADS	5770	M <sup>2</sup>			1454040	577000					102475	76856	38544	2248915	389 <sup>76</sup> /m <sup>2</sup>	
7	CONCRETE SUPPLY & PLACE	62860	M <sup>3</sup>			2514400		15715000 (PLUG + 250°)			251440	418650	188580	81718	19169768	304 <sup>06</sup> /m <sup>3</sup>	
8	CURE CONCRETE	62860	M <sup>3</sup>			31785						25144	18858	12572	368359	5 <sup>86</sup> /m <sup>3</sup>	
9	WET FINISH	11080	M <sup>2</sup>			114000	22000					4375	4375	2215	146965	13 <sup>25</sup> /m <sup>2</sup>	
10	POINT & PATCH (SACK) ETC	54281	M <sup>2</sup>			732800	267719				106400				1166919	20 <sup>40</sup> /m <sup>2</sup>	
11	WATER STOP	13100	M			393000		262000							655000	50/M	
12	JOINT FILLER	948	M <sup>2</sup>			58776		37920							96696	102/m <sup>2</sup>	
13	RE-STEEL	3457300	KG	ASSUMED	SSKL/m <sup>3</sup>				11410000						11410000	3 <sup>30</sup> /KG	
14	FALSE GENERAL ACCESS SCAFFOLD	10000	M <sup>2</sup>			400000	300000					6250	6250	2125	715625	70 <sup>93</sup> /m <sup>2</sup>	
15	ENVIRONMENTAL	14	MTHS			300000	75000		25000		90000		70000	85000	645000		
16	DRILLING & GROUTING	1000	M			25000	7000		130000		11000		3000	3000	179000		
17	CRANE SUPPORT	L.S.				800,000	200000		30000		500000			100000	1450000		
18	JOINT PREPARATION	23245	M <sup>2</sup>			215700					23245	14000	14000	10250	277195	11 <sup>92</sup> /m <sup>2</sup>	
	DIRECT COST					14921742	3439789	16014920	11595000			982085	1728425	906052	660834	56309897	
	INDIRECT					6816900	4974800	800000	900000			1052800		714000	425900	14154500	
						21799642	7914589	16094920	11685000			2034885	1728425	1620152	1086734	64464347	
													5%		3218000		
															67582347		
	TOTAL									FACTOR	1.48%		100%		67582347		

74440581







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CODE	DESCRIPTION	ESTIMATED		UNIT COST		LABOUR	MATERIAL		SUB TRADES	HIRED TRUCKS	RENTS		FUELS & LUBES	MAINT. & REPAIRS	DIRECT COST	
		QUANTITY	UNIT	LAB.	MAT.		CONSTR.	PERMANENT			OUTSIDE	COMPANY			AMOUNT	UNIT
	FOREWORK CREW															
	FOREMAN + 1/2 TON	1	HR			65						10	10	5	90	
	CARPENTERS (JOURNEYMAN)	6	HRS	63 <sup>00</sup>		378									378	
	LABOURERS	1	HR	61 <sup>00</sup>		61									61	
	1/2 TON PITMAN CRANE	1	HR	63 <sup>00</sup>		63						25	15	10	113	
						567						35	25	15	642	
		1	MH/M <sup>2</sup>			63						389	278	167	71 <sup>34</sup>	
		1.5	MH/M <sup>2</sup>			94 <sup>50</sup>						583	47	250	107	
		2	MH/M <sup>2</sup>			126						778	556	3 <sup>34</sup>	142 <sup>68</sup>	
	SAN	1.5	MH/M <sup>2</sup>			94 <sup>50</sup>	100 <sup>00</sup>	(FORMWORK MAT'L)				583	47	250	207 <sup>00</sup>	/M <sup>2</sup>
	SET & STRIP 2-SIDED FORMS															
	SAME CREW + OPERATOR					567						35	25	15	642	
	100-TON CRANE + OILER + LAB					181						100	30	20	231	
						748						135	55	35	978	
		1	MH/M <sup>2</sup>			62 <sup>33</sup>						1125	458	292	81 <sup>08</sup>	/M <sup>2</sup>
		2.5	MH/M <sup>2</sup>			155 <sup>83</sup>						2813	1145	730	202 <sup>71</sup>	/M <sup>2</sup>
		3.0	MH/M <sup>2</sup>			186 <sup>99</sup>						3375	1374	876	243 <sup>24</sup>	/M <sup>2</sup>
		4	MH/M <sup>2</sup>			249 <sup>82</sup>						45	18 <sup>32</sup>	11 <sup>68</sup>	324 <sup>32</sup>	/M <sup>2</sup>
	SAN	3	MH/M <sup>2</sup>			186 <sup>99</sup>	30 <sup>00</sup>	MATERIALS				3375	1374	876	273 <sup>24</sup>	/M <sup>2</sup>
	SET & 1-SIDED FORMS															
	TOTAL		4 MH/M <sup>2</sup>			249 <sup>82</sup>	30					45	18 <sup>32</sup>	11 <sup>68</sup>	354 <sup>32</sup>	/M <sup>2</sup>
	ROCK BOLTS ETC.	1	M <sup>2</sup>			50	40					10	5	5	110	/M <sup>2</sup>
						299 <sup>32</sup>	80					55	23 <sup>32</sup>	16 <sup>68</sup>	464 <sup>32</sup>	/M <sup>2</sup>



