

COST ESTIMATE

Kciw Knicanewek Sports and Recreation Park – Phase 1 and Phase 2

Tobique First Nation, NB

Project no. EVOQ: 9223-18-00

Updated on: 2021-06-03

PHASE 1					
Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
1.0	Clearing/Grubbing and Excavation				
1.1	Erosion Control	1	lump	\$6 945,00	\$6 945,00
1.2	Clearing and Grubbing	1,4	Ha	\$46 300,00	\$64 820,00
1.3	Common Excavation, Placement on Site (Ballfield, Splash Pad)	8470	cu.m.	\$10,00	\$84 700,00
1.4	Imported Common Fill		cu.m.	\$20,00	
1.5	Additional Clearing and Grubbing (Corner of Ballfield)	1	lump	\$3 200,00	\$3 200,00
				1.0 Subtotal - Phase 1	\$159 665,00
2.0	Sewer and Water				
2.1	Waterline (140 m from Reservoir Rd to Splashpad)	1	lump	\$48 000,00	\$48 000,00
2.2	Sewer Line (140 m from Reservoir Rd to splash pad)	1	lump	\$35 000,00	\$35 000,00
				2.0 Subtotal - Phase 1	\$83 000,00
3.0	Access Roadway and Parking Lots (up to 0+170)				
3.1	Cut and Waste	2835	cu.m.	\$7,00	\$19 845,00
3.2	Granular Subbase	4020	ton	\$12,00	\$48 240,00
3.3	Granular Base	1295	ton	\$15,00	\$19 425,00
3.4	Asphalt Type B & D (Roadway Repair)	9	ton	\$400,00	\$3 600,00
3.5	Granular Borrow B	840	cu.m.	\$9,00	\$7 560,00
3.6	Rock Excavation	245	cu.m.	\$90,00	\$22 050,00
				3.0 Subtotal - Phase 1	\$120 720,00
4.0	Landscaping				
4.1	Deciduous Trees, Coniferous Trees, and Shrubs	1	lump	\$5 000,00	\$5 000,00
4.2	Benches	1	lump	\$7 000,00	\$7 000,00
4.3	Stonedust Pathways	400	sq.m.	\$25,00	\$10 000,00
4.4	Culverts	1	lump	\$5 000,00	\$5 000,00
4.5	150mm Topsoil and Hydroseed	11000	sq.m.	\$9,00	\$99 000,00
4.6	Hydroseed Only	5400	sq.m.	\$3,00	\$16 200,00
4.7	150mm Topsoil and Sod	1000	sq.m.	\$12,00	\$12 000,00
				4.0 Subtotal - Phase 1	\$154 200,00
5.0	Splash Pad				
5.1	Splash Pad and Equipment	1	lump	\$90 000,00	\$90 000,00
5.2	Frog Cultural Item	1	lump	\$2 000,00	\$2 000,00
				5.0 Subtotal - Phase 1	\$92 000,00

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
6.0	Baseball Diamond				
6.1	Playfield Installation	1	lump	\$150 000,00	\$150 000,00
6.2	Fencing and Dugouts	1	lump	\$80 000,00	\$80 000,00
6.3	Cultural Weaving Allowance	1	lump	\$4 000,00	\$4 000,00
6.4	Equipment Allowance (Bases, Line Markers, Bleachers)	1	lump	\$7 000,00	\$7 000,00
				6.0 Subtotal - Phase 1	\$241 000,00

7.0	Electrical Service				
7.1	Overhead Services to Park Entrance and Underground along Park Access Road	1	lump	\$90 000,00	\$90 000,00
				7.0 Subtotal - Phase 1	\$90 000,00

				Construction Cost Estimate PHASE 1	\$940 585,00
				10% Construction Contingency	\$94 058,50

				Total Construction Cost Estimate PHASE 1	1 034 643,50 \$
				BDA - Professional Fees	\$71 000,00
				Roy Consultants - Professional Fees	\$33 000,00
				EVOQ Architecture - Professional Fees	\$20 000,00
				Total Professional Fees PHASE 1	\$124 000,00

				RICI - Project Management and Construction Supervision	\$71 400,00
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				Total Project Cost PHASE 1	\$1 230 043,50
				(all prices exclude taxes)	
				Total Project Cost PHASE 1	\$1 230 043,50

PHASE 2A

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
8.0	Professional Fees for Tender Ready Documents				
				BDA - Professional Fees	\$79 527,03
				Roy Consultants - Professional Fees	\$108 445,95
				EVOQ Architecture - Professional Fees	\$79 527,03
				Total Professional Fees for PHASE 2A	267 500,00 \$

				RICI - Project Management and Construction Supervision	\$60 000,00
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				Total Project Cost PHASE 2A	\$327 500,00
				(all prices exclude taxes)	

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
PHASE 2B					
Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
9.0	Phase 1 Cost Deletions (Hydroseed, Trees, Fence Weaving)				
				9.0 Subtotal - Phase 2B	\$31 500,00
10.0	Clearing/Grubbing and Excavation				
10.1	Erosion Control	1	lump	\$8 055,00	\$8 055,00
10.2	Grubbing	2	Ha	\$46 300,00	\$92 600,00
10.3	Common Excavation	7500	cu.m.	\$4,63	\$34 725,00
10.4	Stockpile Surplus	15000	cu.m.	\$4,63	\$69 450,00
				10.0 Subtotal - Phase 2B	\$204 830,00
11.0	Sewer and Water				
11.1	Waterline (extension to Grounds Bldg and Field House)	1	lump	\$60 000,00	\$60 000,00
11.2	Sewer Line (extension to Field House)	1	lump	\$101 000,00	\$101 000,00
				11.0 Subtotal - Phase 2B	\$161 000,00
12.0	Access Roadway and Parking Lots				
12.1	Line Markings	0	lump	\$3 000,00	\$0,00
12.2	Re-Route Dump Road	1	lump	\$25 000,00	\$25 000,00
12.3	Granular base/subbase (extension to Field House and Parking no.2)	3131	sq.m.	\$60,00	\$187 860,00
				12.0 Subtotal - Phase 2B	\$212 860,00
13.0	Walkway				
13.1	Tailings Walkways with Granular Base	1800	sq.m.	\$30,00	54 000,00 \$
				13.0 Subtotal - Phase 2B	\$54 000,00
14.0	Site Amenities				
14.1	Furniture (Flagpoles, Benches, Picnic Tables, Bike Racks, Trash Receptacles)	1	lump	\$84 500,00	\$84 500,00
14.2	Picnic Shelters w. Concrete Pad and WWM	4	each	\$20 000,00	\$80 000,00
14.3	Gazebo w. Concrete Pad and WWM	1	each	\$35 000,00	\$35 000,00
14.4	Rock Bollards with engraving	2	each	\$3 500,00	\$7 000,00
14.5	Bleachers	1	each	\$20 000,00	\$20 000,00
14.6	Amphitheatre	1	lump	\$45 000,00	\$45 000,00
14.7	Zamboni	1	lump	\$35 000,00	\$35 000,00
				14.0 Subtotal - Phase 2B	\$306 500,00
15.0	Landscaping				
15.1	Deciduous Trees, Coniferous Trees, and Shrubs	1	lump	\$75 000,00	\$75 000,00
15.2	150mm Topsoil and Hydroseed		sq.m.	\$9,00	\$150 000,00
				15.0 Subtotal - Phase 2B	\$225 000,00

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
16.0	Playground				
16.1	Equipment Purchase and Installation	1	lump	\$70 000,00	70 000,00 \$
16.2	Playground Surfacing (Sand), Edging and Drainage	1	lump	\$30 000,00	30 000,00 \$
				16.0 Subtotal - Phase 2B	\$100 000,00
17.0	Splash Pad				
17.1	Shade Pergola	1	lump	\$15 000,00	\$15 000,00
				17.0 Subtotal - Phase 2B	\$15 000,00
18.0	Soccer Field & Track				
18.1	Playfield Installation and Drainage	8647	sq.m.	\$30,00	259 410,00 \$
18.2	Tailings Track with Granular Base	3480	sq.m.	\$30,00	104 400,00 \$
18.3	Fence	210	lin.m.	\$220,00	46 200,00 \$
				18.0 Subtotal - Phase 2B	\$410 010,00
19.0	Baseball Diamond				
19.1	Lighting	1	lump	\$250 000,00	250 000,00 \$
				19.0 Subtotal - Phase 2B	\$250 000,00
20.0	Park Centre				
20.1	Park Centre	1	lump	\$486 000,00	\$486 000,00
				20.0 Subtotal - Phase 2B	\$486 000,00
21.0	Services Building				
21.1	Services Building	1	lump	\$178 500,00	\$178 500,00
				21.0 Subtotal - Phase 2B	\$178 500,00
22.0	Electrical Service				
22.1	Overhead Services Phase 2	1	lump	\$275 000,00	\$275 000,00
				22.0 Subtotal - Phase 2B	\$275 000,00

Item No.	Description	Quantity	Unit	Unit Cost	Extended Price
23.0	Ice Rink				
23.1	Roof	1	lump	\$300 000,00	\$300 000,00
23.2	Reinforced Concrete Slab	670	sq.m.	\$265,00	\$177 550,00
23.3	Rigid Insulation	800	sq. m	\$5,00	\$4 000,00
23.4	Dasher Boards	1	lump	\$80 000,00	\$80 000,00
23.5	Lighting	1	lump	\$80 000,00	\$80 000,00
23.6	Common Excavation	1450	cu. M	\$10,00	\$14 500,00
23.7	Additional waterline	1	lump	\$41 000,00	\$41 000,00
23.8	Access Roadway and Parking Lot (from 0+170 to 0+270)	1	lump	\$50 160,00	\$50 160,00
23.9	Additional Landscaping, Accessing Trails and Culverts	1	lump	\$25 000,00	\$25 000,00
23.0 Subtotal - Phase 2B					\$772 210,00

Subtotal PHASE 2B	\$3 682 410,00
15% Design and Construction Contingency	\$552 361,50
Total Construction Cost PHASE 2B	\$4 234 771,50

BDA - Professional Fees	\$30 750,00
Roy Consultants - Professional Fees	\$41 000,00
EVOQ Architecture - Professional Fees	\$30 750,00
Total Professional Fees for PHASE 2B	102 500,00 \$

RICI - Project Management and Construction Supervision PHASE 2B	\$120 000,00
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Total Project Cost PHASE 2B	\$4 457 271,50
(all prices exclude taxes)	

Total Project Cost PHASE 2	\$4 784 771,50
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Total Project Cost PHASE 1 & 2	\$6 014 815,00
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