

**WINDFARM DECOMMISSION ESTIMATE (134 TURBINES)  
VCC EST#14-1102-B  
VISSERING CONSTRUCTION COMPANY**

Project name 14-1102-B WF DEC (134)  
Labor rate table OTTAWA(2014-2015)  
Equipment rate table Equipment  
Report format Sorted by 'Group phase/Phase'  
Detail summary  
Print sort level notes

**PLEASANT RIDGE EXHIBIT  
262**



Phase	Description	Notes	Takeoff Quantity	Craw	Labor Productivity	Labor Quantity	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Amount
<b>GENERAL REQUIREMENTS</b>																
01100.10	Project Supervision Superintendent-Full Time Project Supervision		280.00 week 280.00 week	Sup5606	40.000	11,200.00	878,595	-	-	-	-	-	-	-	-	878,595
01100.90	Truck W/Fuel Company Vehicle-Superintendent Truck W/Fuel		65.00 mnth 65.00 mnth			-	-	-	-	-	-	300.00	19,500	400.00	26,000	45,500
01150.35	Safety Safety Visits Hard Hats Ear Protection Eye Protection Safety		280.00 week 60.00 each 6.00 lsum 6.00 lsum 280.00 week			-	-	-	-	-	-	-	-	100.00 35.00 100.00 200.00	28.000 2.100 600 1,200	28.000 2.100 600 1,200
01200.10	Temp Const Facilities Office Trailer(VCC) Temp Const Facilities		65.00 mnth 65.00 mnth	Lb5221	0.451	144.00	8,528	-	-	-	-	300.00	19,500	-	-	28,028
01200.20	Toilets Chemical Toilet-Building Toilets		65.00 mnth 65.00 mnth			-	-	-	-	-	-	-	-	100.00	6,500	6,500
01300.40	Temporary Telephone Mobile Phone-Superintendent Temporary Telephone		65.00 mnth 65.00 mnth			-	-	-	-	-	-	-	-	70.00	4,550	4,550
01400.10	Trailer Supplies Cups & Ice-Field Workers First Aid Kit Fire Extinguishers Trailer Supplies		65.00 mnth 65.00 mnth 6.00 each 65.00 mnth			-	-	-	-	-	-	-	-	50.00 25.00 50.00	3,250 1,625 300	3,250 1,625 300
01400.20	Signage Safety Signage Directional Signage Signage		272.00 each 272.00 each 136.00 each	Lb5403 Lb5403	2.000 2.000	136.00 136.00	8,358 8,358	-	-	-	-	-	-	50.00 50.00	13,600 13,600	21,958 21,958
01700.05	Trucking-Cartage Truck Equipment To & From Project Fuel Truck Trucking-Cartage		280.00 trip 1,120.00 hour 1,120.00 hour 1,120.00 hour	Rb5227	4.000	1,120.00	68,111	15.00	16,800	-	-	15.00	16,800	-	-	101,711
01750.10	VCC Shop Setup Project Materials VCC Shop		80.00 hour 80.00 hour	Bl6227		80.00	3,737	-	-	-	-	-	-	-	-	3,737
01800.10	Weekly Cleanup Cleanup Of Site Debris Small Tools/Consumables Weekly Cleanup		280.00 week 2,240.00 hour 65.00 mnth	Lb5403	8.000	2,240.00	137,655	2.50 1.00	700 2,240	-	-	1.00	2,240	-	-	142,835
01800.20	Final Cleanup Final Cleanup Small Tools/Consumables Final Cleanup		136.00 lsum 1,088.00 hour 136.00 lsum	Lb5403	0.125	1,088.00	66,861	0.10 1.00	14 1,102	-	-	1.00	1,088	-	-	69,050
01800.90	Dumpsters 30 Yard Dumpsters		136.00 pull 136.00 pull			-	-	-	-	-	-	-	-	450.00	61,200	61,200
<b>GENERAL REQUIREMENTS</b>						<b>16,144.00</b>	<b>1,180,201</b>	<b>20,842</b>				<b>59,128</b>		<b>162,525</b>	<b>1,422,696</b>	
<b>DEMOLITION</b>																
02100.10	Demo-Existing Road Remove Surface Course-6" CA-6 Remove Subbase Course-8" P4 Run Remove Geotextile Fabric Excavator Small Tools/Consumables Hire Trucking Firm To Haul Earth Spoils Off Site Demo-Existing Road		79,560.00 cuyd 79,560.00 cuyd 4,291,616.00 sqft 3,264.00 hour 6,528.00 hour 3,264.00 hour 79,560.00 cuyd	Op6217 Op6217 Op6217	36.563 36.563 1,972.299	2,176.00 2,176.00 2,176.00	207,201 207,201 207,201	- - 25.00	- - 81,600	- - 1.00	- - 6,528	- - 100.00	- - 326,400	- - 244,800	- - 13,056	207,201 207,201 207,201 326,400 13,056 326,400
02100.11	Demo-Tower Foundation Pedestal-Break Apart Pedestal-Cut Rebar Loose Pedestal-Load Debris Into Truck Excavator For Earthwork Excavator For Demo Hole Ram Attachment Skid Steer Partner Saw Tonches Small Tools/Consumables Hire Trucking Firm To Haul Concrete Debris Off Site Dump Fees On Concrete Demo-Tower Foundation		5,168.00 cuyd 5,168.00 cuyd 5,168.00 cuyd 1,088.00 hour 2,176.00 hour 2,176.00 hour 1,088.00 hour 4,352.00 hour 4,352.00 hour 7,616.00 hour 1,088.00 hour 10,184.00 tons 5,168.00 cuyd	Op6217 Op6217 Op6217	2.375 1.188 4.750	2,176.00 4,352.00 1,088.00	207,201 414,402 103,600	- - 25.00	- - 27,200 54,400	- - 100.00	- - 75.00	- - 100.00	- - 81,600 217,600	- - 25.00 30.00	- - 54,400 32,640 43,520 43,520 7,616	207,201 414,402 103,600 108,800 272,000 54,400 48,960 87,040 87,040 15,232 108,800 203,680
02100.12	Demo-Tower-Blades Unbolt & Bring Down To Ground Each Blade Cut Blades Into Smaller Pieces For Trucking Load Debris Into Trucks Partner Saw Lift Lift Rent Small Crane For Salvage Moving Rent Large Crane For Man Basket		408.00 each 408.00 each 408.00 each 8,703.00 hour 2,176.00 hour 2,176.00 hour 2,176.00 hour 2,176.00 hour	Op6217 Op6217 Op6217	0.047 0.047 0.198	8,703.07 8,703.07 2,176.00	828,715 828,715 207,201	- - 10.00	- - 87,030 32,640	- - 10.00	- - 87,030	- - 30.00 30.00	- - 65,280 65,280	- - 435,200	828,715 828,715 207,201 174,060 87,900 65,280 435,200	

Phase	Description	Notes	Takeoff Quantity	Crew	Labor Productivity	Labor Quantity	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Amount	
<b>02100.12</b>	<b>Demo-Tower-Blades</b>																
	Rent Large Crane For Removal		2,176.00							650.00	1,414.400					1,414.400	
	Torque Gun		3,264.00					10.00	32,640.00			10.00	32,640.00			65,280.00	
	Air Compressor		3,264.00					10.00	32,640.00			10.00	32,640.00			65,280.00	
	Small Tools/Consumables		19,982.00					1.00	19,982.00			1.00	19,982.00			39,964.00	
	Hire Trucking Firm To Haul Debris Off Site		1,088.00							100.00	108,800.00					108,800.00	
	Hire Trucking Firm To Haul Salvage Steel To Recycle Plant		2,176.00							100.00	217,600.00					217,600.00	
	Recycle Savings		-670.00											300.00	(201,000.00)	(201,000.00)	
	Dump Fees On Debris		-134.00											20.00	2,680.00	2,680.00	
	<b>Demo-Tower-Blades</b>		<b>408.00</b>				<b>19,582.14</b>		<b>1,864,631.00</b>		<b>204,532.00</b>		<b>3,046,400.00</b>		<b>302,452.00</b>	<b>(198,320.00)</b>	<b>5,219,695.00</b>
<b>02150.05</b>	<b>Demo-Tower-Rotor Hub</b>																
	Unbolt & Bring Down To Ground		136.00	Op6217	0.031	4,352.00	414.402									414.402	
	Cut Into Smaller Pieces For Trucking		136.00	Op6217	0.031	4,352.00	414.402									414.402	
	Load Debris Into Trucks		136.00	Op6217	0.083	1,632.07	155.407									155.407	
	Partner Saw		4,352.00					10.00	43,520.00			10.00	43,520.00			87,040.00	
	Lift		1,632.00					15.00	24,480.00			30.00	48,960.00			73,440.00	
	Lift		1,632.00					15.00	24,480.00			30.00	48,960.00			73,440.00	
	Rent Small Crane For Salvage Moving		1,088.00							200.00	217,600.00					217,600.00	
	Rent Large Crane For Main Basket		1,088.00							400.00	435,200.00					435,200.00	
	Rent Large Crane For Removal		1,088.00							650.00	707,200.00					707,200.00	
	Torque Gun		1,632.00					10.00	16,320.00			10.00	16,320.00			32,640.00	
	Air Compressor		1,632.00					10.00	16,320.00			10.00	16,320.00			32,640.00	
	Hire Trucking Firm To Haul Steel Debris Off Site		544.00							100.00	54,400.00					54,400.00	
	Hire Trucking Firm To Haul Salvage Steel To Recycle Plant		1,088.00							100.00	108,800.00					108,800.00	
	Recycle Savings		-2,412.00											300.00	(723,600.00)	(723,600.00)	
	Dump Fees On Debris		-402.00											20.00	8,040.00	8,040.00	
	Small Tools/Consumables		10,336.00					1.00	10,336.00			1.00	10,336.00			20,672.00	
	<b>Demo-Tower-Rotor Hub</b>		<b>136.00</b>				<b>10,336.07</b>		<b>984,210.00</b>		<b>110,976.00</b>		<b>1,523,200.00</b>		<b>184,416.00</b>	<b>(715,560.00)</b>	<b>2,087,242.00</b>
<b>02150.06</b>	<b>Demo-Tower-Nacelle</b>																
	Unbolt & Bring Down To Ground		136.00	Op6217	0.031	4,352.00	414.402									414.402	
	Cut Into Smaller Pieces For Trucking		136.00	Op6217	0.016	8,701.22	828.538									828.538	
	Load Debris Into Trucks		136.00	Op6217	0.050	2,720.00	259.001									259.001	
	Partner Saw		8,704.00					10.00	87,040.00			10.00	87,040.00			174,080.00	
	Lift		2,720.00					15.00	40,800.00			30.00	81,600.00			122,400.00	
	Lift		2,720.00					15.00	40,800.00			30.00	81,600.00			122,400.00	
	Rent Small Crane For Salvage Moving		2,176.00							200.00	435,200.00					435,200.00	
	Rent Large Crane For Main Basket		1,088.00							400.00	435,200.00					435,200.00	
	Rent Large Crane For Removal		1,088.00							650.00	707,200.00					707,200.00	
	Torque Gun		3,264.00					10.00	32,640.00			10.00	32,640.00			65,280.00	
	Air Compressor		3,264.00					10.00	32,640.00			10.00	32,640.00			65,280.00	
	Hire Trucking Firm To Haul Steel Debris Off Site		1,088.00							100.00	108,800.00					108,800.00	
	Hire Trucking Firm To Haul Salvage Steel To Recycle Plant		2,176.00							100.00	217,600.00					217,600.00	
	Recycle Savings		-10,050.00											300.00	(3,015,000.00)	(3,015,000.00)	
	Dump Fees On Debris		-670.00											20.00	13,400.00	13,400.00	
	Small Tools/Consumables		15,773.00					1.00	15,773.00			1.00	15,773.00			31,546.00	
	<b>Demo-Tower-Nacelle</b>		<b>136.00</b>				<b>15,773.22</b>		<b>1,501,941.00</b>		<b>208,893.00</b>		<b>1,904,000.00</b>		<b>331,293.00</b>	<b>(3,001,600.00)</b>	<b>944,527.00</b>
<b>02200.10</b>	<b>Demo-Tower-Support</b>																
	Unbolt & Bring Down To Ground		136.00	Op6217	0.010	13,051.82	1,242.808									1,242.808	
	Cut Into Smaller Pieces For Trucking		136.00	Op6217	0.016	8,701.22	828.538									828.538	
	Load Debris Into Trucks		136.00	Op6217	0.050	2,720.00	259.001									259.001	
	Partner Saw		8,704.00					10.00	87,040.00			10.00	87,040.00			174,080.00	
	Lift		2,720.00					15.00	40,800.00			30.00	81,600.00			122,400.00	
	Lift		2,720.00					15.00	40,800.00			30.00	81,600.00			122,400.00	
	Rent Small Crane For Salvage Moving		4,352.00							200.00	870.400					870.400	
	Rent Large Crane For Main Basket		3,264.00							400.00	1,305,600.00					1,305,600.00	
	Rent Large Crane For Removal		3,264.00							650.00	2,121,600.00					2,121,600.00	
	Torque Gun		6,528.00					10.00	65,280.00			10.00	65,280.00			130,560.00	
	Air Compressor		6,528.00					10.00	65,280.00			10.00	65,280.00			130,560.00	
	Hire Trucking Firm To Haul Steel Debris Off Site		1,632.00							100.00	163,200.00					163,200.00	
	Hire Trucking Firm To Haul Salvage Steel To Recycle Plant		3,264.00							100.00	326,400.00					326,400.00	
	Recycle Savings		-15,008.00											300.00	(4,502,400.00)	(4,502,400.00)	
	Dump Fees On Debris		-670.00											20.00	13,400.00	13,400.00	
	Small Tools/Consumables		24,473.00					1.00	24,473.00			1.00	24,473.00			48,946.00	
	<b>Demo-Tower-Support</b>		<b>136.00</b>				<b>24,473.04</b>		<b>2,330,347.00</b>		<b>282,873.00</b>		<b>4,787,200.00</b>		<b>405,273.00</b>	<b>(4,489,000.00)</b>	<b>3,316,693.00</b>
<b>02200.11</b>	<b>Demo-Substation</b>																
	Cut Into Smaller Pieces For Trucking		136.00	Op6217	0.031	4,352.00	414.402									414.402	
	Load Debris Into Trucks		136.00	Op6217	0.083	1,632.07	155.407									155.407	
	Partner Saw		4,352.00					10.00	43,520.00			10.00	43,520.00			87,040.00	
	Lift		1,632.00					15.00	24,480.00			30.00	48,960.00			73,440.00	
	Lift		1,632.00					15.00	24,480.00			30.00	48,960.00			73,440.00	
	Rent Small Crane For Salvage Moving		1,088.00							200.00	217,600.00					217,600.00	
	Hire Trucking Firm To Haul Steel Debris Off Site		1,088.00							100.00	108,800.00					108,800.00	
	Hire Trucking Firm To Haul Salvage Steel To Recycle Plant		1,088.00							100.00	108,800.00					108,800.00	
	Recycle Savings		-670.00											300.00	(201,000.00)	(201,000.00)	
	Dump Fees On Debris		-268.00											25.00	6,700.00	6,700.00	
	Small Tools/Consumables		5,984.00					1.00	5,984.00			1.00	5,984.00			11,968.00	
	Hire Electrician To De-Energize		-136.00							12,500.00	1,700,000.00					1,700,000.00	
	<b>Demo-Substation</b>		<b>136.00</b>				<b>5,984.07</b>		<b>569,809.00</b>		<b>73,894.00</b>		<b>2,135,200.00</b>		<b>98,464.00</b>	<b>(194,300.00)</b>	<b>2,683,157.00</b>
<b>02200.13</b>	<b>Demo-Crane Pads</b>																
	Remove Gravel Pad		12,104.00	Op6217	7.417	1,632.00	155.401									155.401	
	Excavator		816.00					25.00	20,400.00			75.00	61,200.00			81,600.00	
	Small Tools/Consumables		1,632.00					1.00	1,632.00			1.00	1,632.00			3,264.00	
	Hire Trucking Firm To Haul Earth Spills Off Site		816.00							100.00	81,600.00					81,600.0	

Phase	Description	Notes	Takeoff Quantity	Crew	Labor Productivity	Labor Quantity	Labor Amount	Material Price	Material Amount	Sub Price	Sub Amount	Equip Price	Equip Amount	Other Price	Other Amount	Total Amount
02600.10	Earthwork-Road Infill															
	Seed Distrubed Area		4,291.6160 sqft			-	-			0.12	514.994					514.994
	Sheeps Foot Compactor		2,720.00 hour			-	-	20.00	54.400			50.00	136.000			190.400
	<b>Earthwork-Road Infill</b>		<b>79,560.00 cuyd</b>			<b>16,320.00</b>	<b>1,554,007</b>		<b>187,680</b>		<b>1,929,394</b>		<b>486,880</b>			<b>4,157,961</b>
02600.11	Earthwork-Tower Foundation Infill															
	Clay Fill-Excavate		6,800.00 cuyd	Op6217	15.227	446.57	42,523									42,523
	Place Clay In Foundation Pit		6,800.00 cuyd	Op6217	15.227	446.57	42,523									42,523
	Spread & Compact		272,000.00 sqft	Op6217	609.091	446.57	42,523									42,523
	Topsoil-Excavate		1,360.00 cuyd	Op6217	3.045	446.57	42,523									42,523
	Place Topsoil In Foundation Pit		1,360.00 cuyd	Op6217	3.045	446.57	42,523									42,523
	Spread & Compact		54,400.00 sqft	Op6217	121.618	446.57	42,523									42,523
	Excavator		1,088.00 hour			-	-	25.00	27,200			75.00	81,600			108,800
	Skid Steer		1,088.00 hour			-	-	15.00	16,320			30.00	32,640			48,960
	Hand Compactor		1,088.00 hour			-	-					10.00	10,880			10,880
	Small Tools/Consumables		2,680.00 hour			-	-	1.00	2,680			1.00	2,680			5,360
	Hire Trucking Firm To Haul Clay To Site		1,088.00 hour			-	-			100.00	108,800					108,800
	Hire Trucking Firm To Haul Topsoil To Site		1,088.00 hour			-	-			100.00	108,800					108,800
	Seed Distrubed Area		54,400.00 sqft			-	-			0.12	6,528					6,528
	<b>Earthwork-Tower Foundation Infill</b>		<b>6,800.00 cuyd</b>			<b>2,679.40</b>	<b>255,136</b>		<b>46,200</b>		<b>224,128</b>		<b>127,800</b>			<b>653,264</b>
02600.15	Earthwork-Crane Pads															
	Clay Fill-Excavate		12,104.00 cuyd	Op6217	14.908	811.94	77,314									77,314
	Place Gravel For Removal Pad		27,200.00 tons	Op6217	25.000	1,088.00	103,600	20.00	544,000							647,600
	Spread & Compact		326,400.00 sqft	Op6217	300.000	1,088.00	103,600									103,600
	Place Clay		6,800.00 cuyd	Op6217	8.375	811.94	77,314									77,314
	Spread & Compact		326,400.00 sqft	Op6217	402.000	811.94	77,314									77,314
	Place Topsoil		6,800.00 cuyd	Op6217	8.375	811.94	77,314									77,314
	Spread & Compact		326,400.00 sqft	Op6217	402.000	811.94	77,314									77,314
	Excavator		544.00 hour			-	-	25.00	13,600			75.00	40,800			54,400
	Skid Steer		2,176.00 hour			-	-	15.00	32,640			30.00	65,280			97,920
	Hand Compactor		2,176.00 hour			-	-					10.00	21,760			21,760
	Small Tools/Consumables		6,236.00 hour			-	-	1.00	6,236			1.00	6,236			12,472
	Seed Distrubed Area		326,400.00 sqft			-	-			0.12	39,168					39,168
	<b>Earthwork-Crane Pads</b>		<b>12,104.00 cuyd</b>			<b>6,235.70</b>	<b>593,770</b>		<b>596,476</b>		<b>39,168</b>		<b>134,076</b>			<b>1,363,490</b>
	<b>SITWORK</b>					<b>25,235.11</b>	<b>2,402,912</b>		<b>830,356</b>		<b>2,192,690</b>		<b>748,756</b>			<b>6,174,714</b>

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	12,336,259		133,303.633	cf			43.95%
Material	2,238,872						7.98%
Subcontract	16,105,490						57.38%
Equipment	2,924,838		406,534.428	cf			10.42%
Other	(8,436,255)						-30.05%
	25,169,204	25,169,204					89.67
<b>Builders Risk On Total</b>	<b>56,140</b>			<b>0.200 \$ # T</b>			<b>0.20%</b>
<b>General Liability</b>	<b>80,527</b>			<b>5.000 \$ # C</b>			<b>0.29%</b>
<b>Illinois Sales Tax</b>	<b>156,721</b>			<b>7.000 % C</b>			<b>0.56%</b>
	293,388	25,462,592					1.05
<b>Overhead</b>	<b>1,018,504</b>			<b>4.000 % T</b>			<b>3.63%</b>
<b>Profit</b>	<b>1,588,866</b>			<b>6.000 % T</b>			<b>5.66%</b>
<b>Total</b>		<b>28,069,962</b>					