

Coon Rapids Vehicle Storage Garage

Kodet Architectural Group, Ltd
 15 Groveland Terrace
 Minneapolis, Minnesota 55403
 612/377-2737

DRAFT: March 1, 2012

CONSTRUCTION COST BREAKDOWN

Base Bid Building	20,333 S F @ \$97.72	\$1,987,006
TOTAL BASE BID COST		\$1,987,006
Add Alternate #1: Parking lot expansion		\$25,149
Add Alternate #2: Co Ray Vac		\$11,155
Total Construction Cost with Add Alternates		\$2,023,310

Description of Activity	Quantity	Unit	Cost / Unit	Total	Subtotal	
BASE BID BUILDING						
SITWORK						
Excavation	2,260	CY @	\$5.00 /CY	\$11,300	\$190,841	
Backfill & compact	2,260	CY @	\$15.22 /CY	\$34,397		
Clear site	4,056	SY @	\$3.98 /SY	\$16,143		
Dewatering	1	allow @	\$10,000.00 /allow	\$10,000		
demo Existing bituminous	2,410	SF @	\$0.50 /SF	\$1,205		
demo Conc Median	346	SF @	\$3.00 /SF	\$1,038		
bituminous over existing base	6,703	SF @	\$2.10 /SF	\$14,076		
bituminous over base	7,290	SF @	\$3.10 /SF	\$22,599		
6" concrete aprons	1,514	SF @	\$6.50 /SF	\$9,841		
concrete sidewalk	938	SF @	\$6.00 /SF	\$5,628		
concrete curb and gutter	547	LF @	\$13.00 /LF	\$7,111		
LANDSCAPING						
Potted shrubs #2	7	EA @	\$55.00 /EA	\$385		
Wood mulch	10	SY @	\$2.71 /SY	\$27		
Topsoil & sod	778	SY @	\$5.00 /SY	\$3,890		
Landscape edging	200	LF @	\$3.08 /LF	\$616		
SITE UTILITIES						
STORM						
Catchbasins	3	EA @	\$2,500.00 /EA	\$7,500		
Pipe with excavation & backfill	251	LF @	\$35.00 /LF	\$8,785		
Outlet at retention pond	1	EA @	\$1,200.00 /EA	\$1,200		
Manhole	1	EA @	\$5,000.00 /EA	\$5,000		
SANITARY SEWER						
Pipe with excavation & backfill	225	LF @	\$30.00 /EA	\$6,750		
WATER SERVICE						
Pipe with excavation and backfill	230	LF @	\$40.00 /LF	\$9,200		
Fire hydrant	1	EA @	\$1,400.00 /EA	\$1,400		
SITE ELECTRICAL						
Conduit runs	110	LF @	\$25.00 /LF	\$2,750		
Light Pole	2	EA @	\$5,000.00 /EA	\$10,000		
CONCRETE						
16 x 36 continuous footing	584	LF @	\$36.12 /SF	\$21,094	\$511,212	
16 x 36 continuous footing at stoops	90	LF @	\$36.12 /SF	\$3,251		
Geopier foundation	1	EA @	\$137,000.00 /EA	\$137,000		
6' x 6' pad footing	5	EA @	\$610.00 /EA	\$3,050		
Conc Column bases	9	EA @	\$500.00 /EA	\$4,500		
5" slab on grade with sealer	20,333	SF @	\$6.50 /SF	\$132,165		
concrete stoops	107	SF @	\$6.50 /SF	\$696		
uninsulated precast concrete wall panels	11,969	SF @	\$17.50 /SF	\$209,458		

MASONRY

8" concrete block	1,945 SF	@	\$11 70 /SF	\$22,757	\$238,875
8" concrete block base at partition walls	51 SF	@	\$11 70 /SF	\$597	
8" concrete block base at stoops	445 SF	@	\$11 70 /SF	\$5,207	
brick face, insulation, over uninsulated precast	10,015 SF	@	\$21 00 /SF	\$210,315	
METALS					
Steel joists, deck	20,333 SF	@	\$9 20 /SF	\$187,064	\$230,146
Miscellaneous metals	1 LS	@	\$3,000 00 /LS	\$3,000	
Ship's ladder to roof	20 TREAD	@	\$185 00 /TREAD	\$3,700	
Steel tube columns, 8 x 8	90 LF	@	\$64 00 /LF	\$5,760	
Steel beams, w21 x 68	177 LF	@	\$106 00 /LF	\$18,762	
Steel lintels	164 LF	@	\$20 00 /LF	\$3,280	
Steel bollards	8 LF	@	\$470 00 /LF	\$3,760	
Trench drain covers, 12"	230 LF	@	\$19 53 /LF	\$4,492	
Trench drain covers, 27"	12 LF	@	\$27 34 /LF	\$328	
CARPENTRY					
Storage cabinet	22 LF	@	\$100 00 /LF	\$2,200	\$3,200
Miscellaneous carpentry	1 LS	@	\$1,000 00 /LS	\$1,000	
MOISTURE PROTECTION					
Perimeter insulation	1,954 SF	@	\$1 50 /SF	\$2,931	\$190,755
Built up roof with insulation	20,333 SF	@	\$6 90 /SF	\$140,298	
Tapered insulation	4,256 SF	@	\$3 90 /SF	\$16,598	
Under slab vapor barrier	20,333 SF	@	\$0 23 /SF	\$4,677	
Metal coping	584 LF	@	\$7 25 /LF	\$4,234	
Metal flashing	584 LF	@	\$4 72 /LF	\$2,756	
Overflow scuppers	6 EA	@	\$170 00 /EA	\$1,020	
Skylights	14 EA	@	\$1,127 00 /EA	\$15,778	
Sealants	1,151 LF	@	\$2 14 /LF	\$2,463	
DOORS, WINDOWS, GLASS					
Doors - exterior, single, ptd , with hardware	5 EA	@	\$1,766 00 /EA	\$8,830	\$38,094
Doors - interior, single, ptd , with hardware	3 EA	@	\$1,580 00 /EA	\$4,740	
Borrowed lite frame with glass	5 EA	@	\$700 00 /EA	\$3,500	
OH sectional doors, including controls, loop detectors	4 EA	@	\$5,256 00 /EA	\$21,024	
FINISHES					
Gypsum board partitions	1,715 SF	@	\$8 50 /SF	\$14,578	\$38,321
Rubber base	143 LF	@	\$2 50 /LF	\$358	
Epoxy paint walls	4,091 SF	@	\$1 10 /SF	\$4,500	
Paint walls	8,492 SF	@	\$0 75 /SF	\$6,369	
Paint joists and deck (dryfall)	20,333 SF	@	\$0 52 /SF	\$10,573	
Painted pavement markings	2,483 LF	@	\$0 38 /LF	\$944	
Miscellaneous painting	1 LS	@	\$1,000 00 /LS	\$1,000	
SPECIALTIES					
Fire extinguishers	2 EA	@	\$156 00 /EA	\$312	\$6,624
Signage	1 LS	@	\$500 00 /LS	\$500	
Fire extinguishers	2 EA	@	\$156 00 /EA	\$312	
Roof hatch with guardrails	1 EA	@	\$5,500 00 /EA	\$5,500	
MECHANICAL					
Plumbing	20,333 SF	@	\$3 50 /SF	\$71,166	\$220,580
Sump pump and well	1 EA	@	\$2,000 00 /EA	\$2,000	
Fire Protection	20,333 SF	@	\$2 50 /SF	\$50,833	
Heating, ventilation	20,333 SF	@	\$4 75 /SF	\$96,582	
ELECTRICAL					
Electrical	20,333 SF	@	\$7 00 /SF	\$142,331	\$142,331
SUBTOTAL				\$1,810,979	\$1,810,979
GENERAL CONDITIONS @ 5 5%				\$99,604	
O H & PROFIT @4%				\$76,423	
TOTAL BASE BID, BUILDING				\$1,987,006	
S F ANALYSIS	1,987,006 div by	20,333 equals	\$97.72		per s f

This probable cost summary is reflective of knowledge available on this project as of this date. Market conditions, program changes, bidding conditions, and other marketplace factors can and will affect this summary. The summary is provided to determine and approximate scope of project.

Add Alternate #1- Parking lot expansion

EARTHWORK

Excavation	210 CY	@	\$5 00 /CY	\$1,050	\$19,851
Backfill & compact	210 CY	@	\$15 22 /CY	\$3,196	
Concrete curb and gutter	165 LF	@	\$13 00 /LF	\$2,145	
Concrete Sidewalk	730 SF	@	\$6 00 /SF	\$4,380	
Bituminous over Base	2,300 SF	@	\$3 10 /SF	\$7,130	
Topsoil & sod	390 SY	@	\$5 00 /SY	\$1,950	

METALS

Accessible Parking Sign	2 EA	@	\$1,000 00 /LS	\$2,000	\$2,000
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FINISHES

Paint Parking Striping	365 LF	@	\$0 74 /LF	\$270	\$1,070
Miscellaneous painting	1 LS	@	\$800 00 /LS	\$800	

SUBTOTAL				\$22,921	\$22,921
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GENERAL CONDITIONS @ 5 5%				\$1,261	
O H & PROFIT @4%				\$967	

TOTAL PARKING ADD ALTERNATE				\$25,149	
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Add Alternate #2- Co Ray Vac

Upgrade to co ray vac brand	20,333 SF	@	\$0 50 /SF	\$10,167	
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SUBTOTAL				\$10,167	\$0
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GENERAL CONDITIONS @ 5 5%				\$559	
O H & PROFIT @4%				\$429	

TOTAL CO RAY VAC ADD ALTERNATE				\$11,155	
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