

Joliet Junior College Classroom and Greenhouse Building
 Design Development Budget Estimate: **Greenhouses and Head House only**

Location	Description	Detail	Quantity	Unit	Unit Cost	
Educational Building:Exterior						\$264,310
Foundations	Foundations: Excavation	Building, Greenhouse, Interior	1733	cy	\$30.00	\$51,990
	Foundations: Back Fill	Building, Greenhouse, Interior	1524	cy	\$44.00	\$67,056
	Foundations: Concrete		86	cy	\$400.00	\$34,400
	Floor Slab	Presumes complete slab in greenhouse (deduct \$7,694)	123	cy	\$200.00	\$24,600
Enclosure	Walls: SIP Panels		1536	s.f.	\$6.00	\$9,216
	Walls: Siding	Cementitious Siding	1152	s.f.	\$10.00	\$11,520
	Doors: Aluminum	Aluminum	2	doors	\$1,700.00	\$3,400
	Windows: Aluminum	Aluminum	501	s.f.	\$70.00	\$35,070
	Overhead Doors	8'x8'	2	doors	\$1,500.00	\$3,000
Roof Framing	Vented Nailbase insulation		1444	s.f.	\$7.00	\$10,108
	Wood Joists/Rafters	includes decking	1444	s.f.	\$8.00	\$11,552
Roofing	30 year asphalt shingles		2	sq	\$210.00	\$420
	Fasica		108	s.f.	\$5.50	\$594
	Soffit		148	s.f.	\$4.00	\$592
	Gutters & Downspouts		36	l.f.	\$22.00	\$792
Educational Building:Interior						\$317,728
Construction	Walls: Drywall over SIP	includes paint	2322	sf	\$2.20	\$5,108
	Doors: Wood	Wood door	2	ea	\$250.00	\$500
	Doors: HM Frames	HM	2	ea	\$250.00	\$500
	Door Hardware	Allowance	1	ea	\$5,000.00	\$5,000
	Flooring: Sealed Concrete		1296	s.f.	\$1.00	\$1,296
	Flooring: Greenhouse	Sealed Concrete	7949	s.f.	\$1.00	\$7,949
	Ceiling	Exposed	1296	s.f.	\$0.90	\$1,166
	HVAC		9194	gsf	\$14.00	\$128,716
	Electrical		9194	gsf	\$10.00	\$91,940
	Plumbing		9194	gsf	\$8.00	\$73,552
Technology	Wiring only	1	ls	\$2,000.00	\$2,000	
Greenhouse						\$731,599
Greenhouse Structure			7947	s.f.	\$55.00	\$437,085
Greenhouse Labor (Presume Glazer's Union: 1 Foreman, 3 laborers)	5 days/week: 8 weeks		1	ls	\$94,080.00	\$94,080
	8 working Saturdays		1	ls	\$25,600.00	\$25,600
Greenhouse Equipment			7947	s.f.	\$22.00	\$174,834
Site						\$412,884
Utilities	Gas		250	lf	\$60.00	\$15,000
	Sanitary		1	ls	\$164,918.00	\$164,918
	Electrical	upgrade service to site from single phase	1	ls	\$30,000.00	\$30,000
	Water		1	ls	\$36,504.00	\$36,504
	Storm		2	acre	\$75,000.00	\$150,000
Site Paving	Seal coat and paint existing parking lot	City of Joliet will dictate (hold this number for now per RTA)	1,777	sy	\$6.00	\$10,662
	Sidewalk		145	sy	\$40.00	\$5,800
Site and Building Subtotal						\$1,726,521
General Contractor's Overhead and Profit					10%	\$172,652
Total Building Construction						\$1,899,173
Landscaping & FFE						\$522,600
FFE			1	ls	\$20,000.00	\$20,000
Landscape	Plant Collection Garden		1	ea	\$204,800.00	\$204,800
	Formal Perennial Garden		1	ea	\$100,000.00	\$100,000
	Vinyard/Fruit Trees		1	ea	\$3,500.00	\$3,500
	Turf Plots		1	ea	\$5,000.00	\$5,000
Site Fence	soil prep and dressing		1	ea	\$90,000.00	\$90,000
	12 Foot high, vinyl coated chain link		3310	l.f.	\$30.00	\$99,300
Sub Total Building Construction, Site & Landscape						\$2,421,773
Contingency					10%	\$242,177
Total						\$2,663,950

Comments

- THIS ESTIMATE INCLUDES ONLY HEAD HOUSE, TOILET, COOLERS AND GREENHOUSES (ONLY VITAL OPERATIONS)
1. Cost estimate excludes left hand turn lane on Houbolt Rd. Unknown if City will require at this time
 2. Cost estimate excludes sprinklers
 3. Cost estimate excludes permit fees