

## Food & Beverage Type Production Facilities: OOM (+/- 20% Accuracy) US \$ SF/M2 Costs 2016 Cost Basis:

#	Facility Description	Location	Type of Project	SF in 000,s	Total Facility \$ Cost in millions (G)	\$ SF	\$ M2	Site % (A)	Bldg Shell % (B)	BFO % (C)	P W % (D)	DD % (E)	СМ % (F)	Comments
1	Poultry Products	Pa, USA	Green	165	49	297	3,196	7	12	4	62	11	4	Process Design by equipment vendor, Facility Design by local A&E.
2	Poultry Products	SC, USA	Green	302	75	248	2,668	10	10	9	59	7.5	4.5	
3	Orange Juice	Fl, USA	Add on	252	37	147	1,582	5	14	8	60	9.5	3.5	Client free issued equipment
4	Pet Food Products	Mis, USA	Green	335	82	245	2,636	7	16	5	58	9.5	4.5	
5	Pet Food Products	AI, USA	Add on	230	37	161	1,732	4	15	6	63	8	4	
6	Pet Food Products	Pa, USA	Green	101	26	257	2,765	5	20	11	47	11	6	
7	Pet Food Products	UK	Green	98	28	286	3,077	6	15	11	50	11.5	6.5	
8	Brewery	Pa, USA	Add on	56	20	366	3,938	3	18	10	53	11	5	2 # lines
9	Brewery	Co, USA	Green	102	38	372	4,003	5	15	13	51	10.5	5.5	
10	Brewery	Canada	Add on	86	29	332	3,572	10	21	12	45	7.5	4.5	
11	Brewery	Brazil	Add on	42	10	247	2,658	5	17	14	51	8	5	Process Equipment Supplier completed Process Design
12	Dairy / Cheese	Ca, USA	Green	56	19	337	3,626	7	17	14	50	8	4	
13	Dairy / Cheese	Tx, USA	Add on	59	14	236	2,539	3	12	12	60	9	4	Client free issued equipment
14	Dairy	UK	Green	71	28	390	4,196	9	17	14.5	45	9.5	5	
15	Dairy / Cheese	ld, USA	Add on	56	16	288	3,099	5	19	24	40	8	4	
16	Dairy	Mexico	Add on	42	8.4	199	2,141	5	13	15.5	52	9.5	5	
17	Soft Drinks	Tx, USA	Green	48	13	283	3,045	6	19	14	55	2.7	3.3	Process Equipment supplier completed Design

A = Site work relate to building footprint, demo, roads, footpaths, parking areas, gatehouse, fencing & in-directs - % of \$ SF.

**B** = Building shell, foundations, building enclosure / external walls, structural steels, roofing plus in-directs & fees - ditto.

C = Building fit out (BFO), internal walls, flooring, ceilings, building MEP utilities, lifts, offices, HVAC & secrity systems - ditto.

D = Process work (PW), production equipment, modules, process piping, E&I, insulation - ditto.



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E = Detailed Design work (DD), Procurement, Project Mgmt & Project Control, plus fees - ditto.
F = Construction Mgmt (CM), Construction Support, Commissioning, CM General Conditions plus fee - ditto.

 $\mathbf{G}$  = Facility Cost in \$ millions

**Green**= Greenfield / Grass Roots Project

Add on = An addition to an existing facility

SF in 000's = Sqaure Feet in 1,000 of Square Feet (to determine Square Meters multiply by 10.76)



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