

Commercial Quotation & Specification

Date 18 December 2006

Our Ref. GQ6622

Klargester Environmental Limited
 College Road
 Aston Clinton
 Aylesbury, Buckinghamshire
 HP22 5EW

Phone 01296 633000
Fax 01296 633001
Email envireau@klargester.co.uk

Customer details

Customer Dunnett Craven Ltd
Address 20 -23 Mandela Street
 London
 NW1 0DU

Contact Phoebe Braidwood

Phone 0207 383 8777
Fax

Email phoebe.braidwood@dunnettcraven.com

Project Details

Project Title Crown & Goose
Project Stage Planning

Recycled water usage

Water Authority Thames Water
 Foul Sewer Connection
 Surface Water Sewer

Water Cost £1.43 per m³
Note

Water collected

Roof Area 282 m²
Annual Volume 164.0 m³

Recycled water usage

Toilet Flushing
Vehicle Washing
External Use
Hot Water
Industrial Use

Occupancy

Male 13
Female 14
Working day 24 hours
Working week 7 days
W.C.'s
Urinal Ranges

Notes

4 x 1 Bed = 8 pop 5 x 2 Bed = 15 pop 1 x 3 Bed = 4 pop TOTAL = 27 pop = 51m3 per month
 Restaurant - Unknown Usage

Given the small surface area of the catchment roof, it will be unable to yield enough water even for one part of the project.
 We would advise fitting the Rainwater system to service one or the other and would probably go for the domestic application.

Saving analysis

	Roof Area	282 m ²	Water Cost	£1.43 per m ³		
	Rainfall	Volume Collected	Monthly Usage	Shortfall	Water Cost	Savings
Jan	52 mm	14.7 m ³	51.0 m ³	36.3 m ³	£51.81	£20.91
Feb	34 mm	9.6 m ³	51.0 m ³	41.4 m ³	£59.05	£13.67
Mar	42 mm	11.8 m ³	51.0 m ³	39.2 m ³	£55.83	£16.89
Apr	45 mm	12.7 m ³	51.0 m ³	38.3 m ³	£54.63	£18.09
May	47 mm	13.3 m ³	51.0 m ³	37.7 m ³	£53.82	£18.90
Jun	53 mm	14.9 m ³	51.0 m ³	36.1 m ³	£51.41	£21.31
Jul	38 mm	10.7 m ³	51.0 m ³	40.3 m ³	£57.44	£15.28
Aug	47 mm	13.3 m ³	51.0 m ³	37.7 m ³	£53.82	£18.90
Sep	57 mm	16.1 m ³	51.0 m ³	34.9 m ³	£49.80	£22.92
Oct	61 mm	17.2 m ³	51.0 m ³	33.8 m ³	£48.19	£24.53
Nov	52 mm	14.7 m ³	51.0 m ³	36.3 m ³	£51.81	£20.91
Dec	54 mm	15.2 m ³	51.0 m ³	35.8 m ³	£51.01	£21.71
Total	582.0 mm	164.1 m ³	612.0 m ³	447.9 m ³	£638.63	£234.02

Quotation

Part No.	Description	Quantity	Price	Value
EWNM3	Envireau - No Mains Large system	1	£1,188.00	£1,188.00
EW006110	Klargester 6,000l GRP Tank	1	£815.00	£815.00
P106	Underground leaf filter for roof area 450m2	1	£306.00	£306.00
CFL600T	Lockable manhole cover and frame	1	£71.00	£71.00
	Optional Extras			
UV	UV Disinfection System		£POA	
Comm	Commissioning Service (1 hour on site)		£300.00	
	Total including delivery and excluding VAT			£2,380.00