

Commercial Quotation & Specification

Date 18 December 2006

Our Ref. GQ6622

<p>Klargester Environmental Limited College Road Aston Clinton Aylesbury, Buckinghamshire HP22 5EW</p> <p>Phone 01296 633000 Fax 01296 633001 Email envireau@klargestor.co.uk</p>	<p>Customer details</p> <p>Customer Dunnett Craven Ltd Address 20 -23 Mandela Street London NW1 0DU</p> <p>Contact Phoebe Braidwood</p> <p>Phone 0207 383 8777 Fax</p> <p>Email phoebe.braidwood@dunnettcraven.com</p>
<p>Project Details</p> <p>Project Title Crown & Goose Project Stage Planning</p>	

<p>Recycled water usage</p> <p>Water Authority Thames Water</p> <p><input checked="" type="checkbox"/> Foul Sewer Connection <input checked="" type="checkbox"/> Surface Water Sewer</p>	<p>Water Cost £1.43 per m³</p> <p>Note</p>
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<p>Water collected</p> <p>Roof Area 282 m² Annual Volume 164.0 m³</p>	<p>Recycled water usage</p> <p>Toilet Flushing <input checked="" type="checkbox"/> Vehicle Washing <input type="checkbox"/> External Use <input type="checkbox"/> Hot Water <input type="checkbox"/> Industrial Use <input type="checkbox"/></p>	<p>Occupancy</p> <p>Male 13 Female 14 Working day 24 hours Working week 7 days W.C.'s Urinal Ranges</p>
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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
	<u>Optional Extras</u>			
UV	UV Disinfection System		£POA	
Comm	Commissioning Service (1 hour on site)		£300.00	
	Total including delivery and excluding VAT			£2,380.00