



2nd February 2015

Mr & Mrs Jeffreys
11 Rosslyn Hill
London
NW3 5UL

Estimate Reference: Revised JAN0150098

Dear Mr & Mrs Jeffreys,

Thank you very much for allowing Clearwater the opportunity to provide you with the information for a Skimmer Indoor Pool and Spa, with Clearwater working with your Main Contractor.

Clearwater would like to take the opportunity to come to site to discuss our proposal and to meet your Team and then to finalise enclosed estimate.

PLEASE READ CLEARWATER'S METHOD STATEMENT AND MAIN CONTRACTOR'S DOCUMENT CAREFULLY

Ref: Proposed Indoor Pool at 11 Rosslyn Hill

Clearwater's ductwork as per attached drawings

Clearwater's estimate is valid for 3 months only and is subject to a site survey with the construction team, main contractor, architect, structural engineer.

Yours sincerely,

**Lee Titcombe
CLEARWATER SWIMMING POOLS LTD.**

E. & O. E.

Enc.

Air Handling Spec

Pool Dimensions

Skimmer Swimming Pool 11m x 3.5m x 1.1m – 1.6m deep

Excavation

See Main Contractor's Document

De – Watering

Clearwater will require the Pool area to be de – watered throughout the Contract from ground and rain water, by Main Contractor

Pool Construction by Main Contractor

As the Pool is being constructed, Clearwater have allowed for Two Visits to show the builder where to put the Pool fittings.

Copings

Supplied and laid by the Main Contractor

Rendering by the Main Contractor

The screed to be equivalent in strength to 4 : 1 sand & cement mix, particularly at the top of the slope, and a smooth finish.

The Shell will need to be free draining prior to Clearwater's arrival on site to fit the Lining.

The shell must be chlorine washed and left dry and clean for their arrival.

Pool Finishes (Clearwater)

Supply and lay a Touch Alkor Plan Lining, with felt underlay and the Steps to be lined in an Anti - Slip colour

Pool side finishes, (Tiling around the pool and skirtings).

By others

Swimming Pool Specification (These are all approximate)

TYPE:	Private
LOCATION:	Indoor
POOL SIZE:	11m x 3.5m
System:	Skimmer
Turnover:	4-6 hours

Summary

Our proposals and recommendations are in accordance with the latest recommendations as in The Pool Water Guide and in general accord with the Health and Safety Guide Lines and SPATA Standards.

Pool Pump:

Use One in number 3/4Hp single phase Sta-rite

Pool Filter:

Use One in number Tagelus 650mm sand filter

Pool Shell fittings

1 x Main Drain / 1 Low suction
2 x Return Inlets
1 x Vacuum point
Connecting pipeworks

Pool Pipe work from Pool fittings to Plantroom.

Supply and fit all necessary pipe work from Pool fittings to the Plantroom.

ALL PIPE WORK WILL BE PRESSURE TESTED IN SITU TO A WORKING PRESSURE OF 2.5 BAR FOR 30 MINUTES TO ENSURE INTEGRITY. ALL TO SPATA STANDARD

Plant Room pipe work and connections.

Pipe work
Connections & Supports

Media

As recommended by Manufacture

Pool Plant

The filtration system and plant hydraulics will be primed up and run for a defined period prior to handover, flow rates and running parameters will be recorded for future reference, the plant being considered at optimum performance in the clean filter conditional backwash and clean drain parameters will be monitored and recorded prior to handover.

Supplied with Installation

One vacuum head
One vacuum hose
One pool brush
One pool net
One pole
One test kit
Initial supply of chemicals
Automatic top up (over flow by others) See Main Contractor's Document
Backwash to drainage pipe by others See Main Contractor's Document

Engineer's Work

Operating & Maintenance Manual
Install main drain and pipe work.
Pressure test pool pipe work
Plumb filtration.
Install Automatic top-up.
2No Clearwater Pool Lights, Transformers and switching. (Full Specification to follow)
(Switching in Plantroom. Any remote switching by others)
Air Handling Unit (connect and plumb secondary, secondary and heat source by others,
(See Specification). See Main Contractor's Document
UV and Chlorine Dispenser with all required pipework
Plantroom electrics
Commission and Handover pool

Services Required

See Main Contractor's Document

1No Automatic White Slatted Cover

All construction works to include Pool Pit and water tight Chamber outside the Pool for the motor by the Main Contractor

Bottom Pit Model
Hydraulic Motor 400Nm (housed in the Main Contractor's water tight Chamber)
Bottom Pit Trays to be Lined
Installation
Commission

Testing & Certification

The control panel and its components are fully tested after assembly and an approval certificate is issued relating to the test parameters and results.

Pool Water, Air Handling and dehumidification XF EC 3000 Super Plus (D7163)

See Main Contractor's Document

Pool Hall Air distribution, Fresh Air, Exhaust & Return Air Ducting.

All ducting to be insulated. Routes as per the attached drawings.
Clearwater have allowed for attenuation on the Four Spigots from Air Handling Unit, but it will be the responsibility of **Your Acoustic Engineer** to calculate the required attenuation throughout the ducting.

Insurance.

Insurance, method statement, risk assessment and Cosh regulations will be forwarded.

Programme.

To be agreed

Working Conditions

Pool hall lighting, Pool Hall heating, all builders' openings, ladders and scaffold to be provided by the Main Contractor

See Main Contractor's Document

Insurance.

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Working Conditions

Pool hall lighting, Pool Hall heating, all builders' openings, ladders and scaffold to be provided by the Main Contractor

Commissioning

Full operating and equipment specification manuals will be provided prior to commissioning. A full document and certificated commissioning will be carried out. A comprehensive and detailed operator training seminar will be given prior to hand over. A warranty document will be compiled for all manufactured items and final construction.

Training

See Main Contractor's Document

SPA

All access routes for maintenance and servicing base work for the Spa and any additional supports all by the Main Contractor.

Main Contractor will be responsible for unloading the Spa, either by fork lift or 5 / 6 men from the delivery vehicle

Supply and Install a Deep Lounger In - Ground Acrylic Spa 2230 x 2230 x 1030

Comes with a Control Panel, Rainbow Feeder, Isolation Valve, Filter / Booster Pumps, Cartridge Filter, Invarmex Electric Heater or Stainless Steel Heat Exchanger and Air Blower.

Commission & Handover

For the total sum of £82,700.34 subject to VAT at applicable rate

E. & O. E

Payment Terms

CLEARWATER SWIMMING POOLS HAVE SET UP A STAKE HOLDER ACCOUNT WITH SPATA (OUR TRADE ASSOCIATION) AND THERE IS NO ADDITIONAL COST FOR SETTING UP THIS ACCOUNT. THE ACCOUNT IS ACTIVATED BY A SIGNED AGREEMENT BETWEEN THE RELEVANT PARTIES INVOLVED IN THE PROJECT.

AFTER PAYING CLEARWATER SWIMMING POOLS A DEPOSIT, YOU (THE CLIENT) WILL BE REQUIRED TO PAY INTO SPATA'S STAKE HOLDER ACCOUNT THE AGREED MONTHLY PAYMENTS, AS PART OF THE WORK PROGRAMME BEING FINALISED. MONIES WILL BE RELEASED AS PER THE SIGNED AGREEMENT.

**As SPATA Members we are using SPATA Standard Terms & Conditions.
A copy can be sent on request**