

Subject: FW: Water supply request for Rublees allotment
Attachments: Rublees schematic for water from meter to tank1.pdf

DRAFT Specification for Water upgrade at Rublees Allotments **ITEM 7.3.2**

Aim - Achieving a proper supply to the Rublees Allotments – increasing carrying capacity upstream from the Newham Lane Water Meter
Remove the constriction and upgrade supply between meter and water outlet 1 & Replace existing dipping tanks and stand pipes

Please quote for:-

Supplying and installing as follows at the Rublees Allotments to include all necessary excavations and reinstatement and to include removal of all waste materials.

All works must comply with current Water Regulations and the contractor is responsible for obtaining all consents.

The works must be executed so that the existing supply remains live during the works and the downtime between disconnecting that and connecting the new pipe runs is kept to the minimum reasonably possible. Contractor to establish existing line of utilities if possible with CAT and Genny scan.

New piping to be laid with sand infill as appropriate.

The contractor must provide all necessary temporary fencing and covers to ensure that the site which is accessible to the public remains safe at all times.

The Contractor to also supply RAMS before works commence.

All work at 1 below to be in blue MDPE pipe and with compatible plastic fittings (except taps).

- 1 Connect directly to the meter outlet the maximum possible bore pipe before stepping up/down as necessary to supply in parallel 2 x 50mm bore pipes to stand-pipe and dipping tank 1

The 20mm diameter length of pipe needs to be excavated and replaced with 2 x 50mm piping but doesn't have to follow existing line.

Suggest Digger and Banksman required as could be other concealed cables.

(approximately 50m x 2 – the line to be taken from meter to right hand side of gates and two feet from gate post then most direct route)

where the pipes need to be re-combined and stepped down as necessary to connect to stand-pipe and dipping tank 1 and thereafter to existing 25mm distribution system leading to

four more dipping tanks and standpipes (see 2 below). See also attached rough schematic (not to scale)

Likely materials:-

1 x 150m x 50mm pipe (any unused material to be left on site)

4 x 50mm Elbows

2 x Reducing Tees (25/32 x 50 x 50)

1 x Universal Coupling (25 x 22)

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- 2 On new suitable saddle block stands with adequate footings supply and install on existing 25mm distribution net-work 5 x dipping tanks with protected float valve automatic fills and five x standpipes each affixed to suitable concrete or other non-rot supports with 6 x bib taps (pair on standpipe nearest boundary hedge) each overhanging the relevant tank.
Each combined feed - pipe for tank and standpipe pair to be provided with appropriate back-flow protection.

Likely materials:-

5 x Purpose-designed galvanised allotment dipping tanks with compartmentalised float valve (Approx. 300 litres) 6 'x 2' x 2'

<https://cityirrigation.co.uk/acatalog/Allotment-Dip-Tanks.html>

Blocks mortar and concrete for mounting tanks and standpipe supports

5 x Concrete posts for standpipes plus wooden fixings

5 x Standpipes and 6 x bib-tap

5 x double check-valves

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Total Material Costs approx.

NB

We might be able to re-use two new tanks already on site– but place them on saddles and with new standpipe and valve

Please quote for new or reuse of existing tanks on quote

Finally to replace and install a 'Double headed non return tap on the 'Kevin' standpipe

{Standpipe located adjacent Rublees/MPF hedge – Southeast boundary}