



Contract Operation Cost & Proposal for City of Manhattan Beach

Prepared for: Mr. Shawn Igoe, Water Supervisor
City of Manhattan Beach
Department of Water
3621 Bell Avenue
Manhattan Beach, CA 90266

Prepared by: Jeff Favina
VP of Field Operations
ValveTek Utility Services Inc.

Dear Shawn,

As per your request, I have detailed a summary of services that will and should cover all of our technical NO-DES Patented flushing services for your anticipated 30 miles of your distribution system.

I have based our proposal on accomplishing 1.5 miles of main per day or 7,920' of lineal feet. Please again note that this is an average and we will by all means be looking to accomplish as much lineal feet per day as possible but this is all predicated on the condition of your mains and how long we need to post each flush to obtain our filtering goals of reaching water quality below 1 NTU.

Again based on what we find contained within your mains during our flushing process we have considered changing 3 filter sets per day. This again is a huge variable as there could be days when we have minimal change outs to a few. We will run all filters as long as possible before changing out – but SOP requires that when we reach a 20 psi differential that they need to be changed out to maintain their precise filtering and contaminant extraction capability.

Valvetek Utility Services Crews are very precise in how they manage preplanning and strategizing their approaches to set ups to obtain maximum loops of the system and ensuring maximum production. Please also note that there will be times where “direct flushes” are the only way to filter certain section of mains due to hydrant and valve locations, not to mention we have not yet been apprised on

how many dead ends exist which are always considered a “direct flush” operation.

When conducting direct flush set ups – these do take more time for set up and break down and will “bite” into your abilities to gain more feet cleansed per day than if you were conducting loops.

PROJECT BUDGET APPROACH

30 miles = 158,400 lineal feet

158,400 lineal ft. /7,920 lineal ft. per day (1.5 miles) = 20 days

Approximating an additional 2 business days to compensate for dead end areas etc.

TOTAL PROJECT IN DAYS = approximately 22 business days @ \$2,950.00 per day

FLUSHING SERVICES = \$64,900.00

FILTER USAGE

Approximating a 3 filter set per day change out @ \$234.00 per set = \$702.00 per day x 22 days = \$15,444.00

PLEASE NOTE THAT BOTH NUMBERS MAY BE DRAMATICALLY LOWER BUT WE SHOULD PROTECT OURSELVES IN OUR BUDGET REQUESTS.

Mobilization/Demobilization = \$1,500.00

TOTAL APPROXIMATE PROJECT APPROPRIATION = \$81,844.00

Note our technology does not require any permits and will allow you to flush your system to a level that it has never seen before with lasting results.

Please utilize the above numbers to approach funding for this project – but note that ValveTek Utility Services will be working as diligently and efficiently as possible to keep your exposures to their absolute minimums.

If you have any questions, please feel free to reach out and I will address.

We hope to get your approvals to move forward as soon as possible as we do need to schedule your project into our calendar to lock up your production dates.

Look forward to serving the City of Manhattan Beach with our services.

Sincerely,

Jeff



Jeff Favina
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