



H & R PLUMBING AND DRAIN CLEANING, INC.

4221 Appian Way
 El Sobrante, CA 94803
 Ph: (510) 222-5556 Fax: (510) 222-4627
 DIR # 1000009915 Lic 878364

Estimate

Date	Estimate #
2/16/2019	4337

MBE, DBE, SB

BILL TO
Ironhouse Sanitary District Louis Solana 450 Walnut Meadow Drive Oakley Ca. 94561

Job
Frank Casey Manhole Rehab 2019 Project 450 Walnut Meadow Dr Oakley, CA 94561

Project	Terms	Other	PHONE NO.	FAX NO.	E-mail
Manhole Rehab 2019 Pr...	Due Upon Com...		925-625-2279	925 625 0169	

Item	Description	Qty	Rate	Total
MANHOLE R...	<p>MANHOLE REHAB 60"</p> <p>The Manhole Interior Lining & Coating work includes: Preparation of interior surface of Manholes using hydro-blasting to remove all debris, materials and loose concrete to get to a good substrate, according to product's manufacture. Repairing any existing leaks consider as weepers (if the leak are bigger than weepers, an extra charge for T&M will apply) using Mainstay ML-10, (Mainstay ML-10 is a fast setting blend of special cements and fillers that is used to stop leaks through cracks and holes on underground concrete and brick structures). Applying up to 1" of Mainstay ML-72 (Mainstay ML-72 is a Portland cement-based, microsilica-enhanced, high-strength structural restoration and resurfacing mortar designed to be applied at a minimum of 1/4", and up to 5" on vertical and overhead surfaces) and troweled it to get a smooth finish. Spraying 100 mils of Mainstay DS-5, (Mainstay DS-5 is a 100% solids epoxy coating). Creating a smooth transition between the bench and the walls of the manhole to avoid debris accumulation. Sealing, plugging, patching and coating of the Manholes structure. Rehab is from the bench up to the frame no work on channel included. Unless otherwise specified.</p> <p>* Mainstay ML-72, ML-10, Mainstay 806 and Epoxy DS-5 are products made by the same manufacture company, therefore they are considered to be superior products.</p> <p>Certifications: H & R Plumbing and Drain Cleaning, Inc. is a certified applicator by Madewell Corporation for over seven years; each one of our employees has been trained specifically to work in confined spaces and each hold a certificate issued by Enviro-Safetech per CAL OSHA GISO 5157 & 29CFR1910.146. The owner of H & R Plumbing and Drain Cleaning, Inc. is a certified Manhole Rehabilitation Inspector by NASSCO.</p> <p>Warranty: This job includes a one-year guarantee of material from the manufacture company and a one year on workmanship from H & R Plumbing and Drain Cleaning, Inc.</p> <p>Pricing: Estimate price is based on regular business working hours to perform the job. Prime contractor will provide traffic control. Prime Contractor must provide legal right of way access and physical access to all Manholes for equipment and personnel to perform all aspects of Manhole lining or rehab. Manhole or pit access to all Manholes must be provided for Manhole lining or rehab. Proposal assumes work will be performed in accordance with a</p>	136.5	389.00	53,098.50

Total





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	mutually agreed upon schedule. General Contractor is responsible for any bonds if needed. If required, we will provide bonds for an additional charge of 3% of the total cost of the project or full price of bonds depending on whichever one is higher. Visual inspection is included NO other testing is included on this price. General contractor must provide the following, Water source to be within project limits and no cost will be associated whit its use. Dumpsite at or near the project site for materials removed from pipeline with no cost to H & R Plumbing and Drain Cleaning.			

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MANHOLE R...	<p>MANHOLE REHAB 48"</p> <p>The Manhole Interior Lining & Coating work includes: Preparation of interior surface of Manholes using hydro-blasting to remove all debris, materials and loose concrete to get to a good substrate, according to product's manufacture. Repairing any existing leaks consider as weepers (if the leak are bigger than weepers, an extra charge for T&M will apply) using Mainstay ML-10, (Mainstay ML-10 is a fast setting blend of special cements and fillers that is used to stop leaks through cracks and holes on underground concrete and brick structures). Applying up to 1" of Mainstay ML-72 (Mainstay ML-72 is a Portland cement-based, microsilica-enhanced, high-strength structural restoration and resurfacing mortar designed to be applied at a minimum of 1/4", and up to 5" on vertical and overhead surfaces) and troweled it to get a smooth finish. Spraying 100 mils of Mainstay DS-5, (Mainstay DS-5 is a 100% solids epoxy coating). Creating a smooth transition between the bench and the walls of the manhole to avoid debris accumulation. Sealing, plugging, patching and coating of the Manholes structure. Rehab is from the bench up to the frame no work on channel included. Unless otherwise specified.</p> <p>* Mainstay ML-72, ML-10, Mainstay 806 and Epoxy DS-5 are products made by the same manufacture company, therefore they are considered to be superior products.</p> <p>Certifications: H & R Plumbing and Drain Cleaning, Inc. is a certified applicator by Madewell Corporation for over seven years; each one of our employees has been trained specifically to work in confined spaces and each hold a certificate issued by Enviro-Safetech per CAL OSHA GISO 5157 & 29CFR1910.146. The owner of H & R Plumbing and Drain Cleaning, Inc. is a certified Manhole Rehabilitation Inspector by NASSCO.</p> <p>Warranty: This job includes a one-year guarantee of material from the manufacture company and a one year on workmanship from H & R Plumbing and Drain Cleaning, Inc.</p> <p>Pricing: Estimate price is based on regular business working hours to perform the job. Prime contractor will provide traffic control. Prime Contractor must provide legal right of way access and physical access to all Manholes for equipment and personnel to perform all aspects of Manhole lining or rehab. Manhole or pit access to all Manholes must be provided for</p>	29	300.00	8,700.00

Total





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Manhole Stuct...	If the Manhole has been previously lined and old epoxy has to be remove, we will charge at the rate of \$100 per VF this include technicians and equipment all at prevailing wages rate. If less that 123 VF get cleaned we adjust the final price to only charge what get done.	123	100.00	12,300.00
MOBILIZATI...	MOBILIZATION H & R Plumbing and Drain Cleaning, Inc. insists on executing all proposal work in one mobilization to and from project site. Any additional mobilization will be negotiated. We request at least 90% of the job to be ready before we start so that we have only one mobilization.	1	1,100.00	1,100.00

Total	\$75,198.50
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