



59. PULL-OUT AND INSTALLATION OF SUBMERSIBLE PUMP AND MOTOR

Process of pull-out and installation of deep well submersible pumps and motors.

Office or Division:	Water Resources Division			
Classification:	Highly Technical			
Type of Transaction:	G2G - Government to Government			
Who may avail:	GM / Division Head – Engineering, LWUA			
CHECKLIST OF REQUIREMENTS		WHERE TO SECURE		
None				
CLIENT STEPS	AGENCY ACTIONS	FEES TO BE PAID	PROCESSING TIME	PERSON RESPONSIBLE
1. None	1. The Water Resources Division Manager will receive an equipment incident report. Then, he will prepare a report for replacement/transfer of equipment that will be submitted to the Finance and Admin Department.	None	5 minutes	Water Resources Division Head
2. None	2. Prepare the tools, tripod, chain block, and riser pipes that are needed for the pull-out and installation of the equipment.	None	1 hour	Water Utilities Management / Development Officer B
3. None	3. Fill-up the safety inspection checklist.	None	3 minutes	Safety Officer
4. None	4. Assemble the tripod, then attach the chain block. Then, pull-out the riser pipes.	None	1 hour (for assembling the tripod) 45 minutes per riser pipe	Water Utilities Management / Development Officer B
5. None	5. If the submersible pump and/or motor is for transfer, install the submersible pump and/or motor. And, if the submersible pump or motor is already unserviceable,	None	30 minutes	Water Utilities Management / Development Officer B



	replace it with a pump or motor that has the same specifications.			
6. None	6. Install the riser pipes.	None	<i>45 minutes per riser pipe</i>	Water Utilities Management / Development Officer B
7. None	7. After the installation of the pump, motor, and riser pipes, assemble the discharge line and test line for instances that it was needed to be disassembled.	None	<i>30 minutes</i>	Water Utilities Management / Development Officer B
8. None	8. The engineer will gather data and determine what operating pressure should be established.	None	<i>20 minutes</i>	Water Resources Division Engineer B
9. None	9. Conduct flushing until the water is clean. Then, connect the source to the distribution line if the water is totally clean.	None	<i>2 hours</i>	Water Resources Division / Development Officer B
10. None	10. Disassemble the tripod	None	<i>1 hour</i>	Water Resources Division / Development Officer B
11. None	11. Clean the area and properly keep the tools.	None	<i>30 minutes</i>	Water Resources Division / Development Officer B
12. None	12. Turn over the unserviceable pump/motor for the inventory.	None	<i>5 minutes</i>	Water Resources Division / Division Manager B
Total:		None	<i>7 hours and 5 minutes + 45 minutes per riser pipe.</i>	