**Humboldt Bay Municipal Water District**

**Ruth Hydro, Protective Relay Upgrade Project**

Contract Documents and Technical Specifications



**Humboldt Bay Municipal Water District**

**Ruth Hydro, Protective Relay Upgrade Project**

July 2019

Prepared by

**Humboldt Bay Municipal Water District**

828 Seventh Street

Eureka, California 95501

**BOARD OF DIRECTORS**

Sheri Woo, President

Neal Latt, Vice President

J. Bruce Rupp, Secretary-Treasurer

Barbara Hecathorn, Director

Michelle Fuller, Director

John Friedenbach, General Manager

TABLE OF CONTENTS

Advertisements for Bids ………………………………………………………………………………………………………………..AD-1

**BIDDING REQUIREMENTS**

Information for Bidders …………………………………………………………………………………………………………..……..B1

Bidders checklist ……………………………………………………………………………………………………………………..……..B6

Bid ……………………………………………………………………………………………………………………………………….…..….....B7

Subcontractor details ……………………………………………………………………………………………………….…….………B9

Bid Bond …………………………………………………………………………………………………………………………………..…..B10

**CONTRACT FORMS**

Contract agreement ……………………………………………………………………………………………………..…….………….C1

Performance Bond ………………………………………………………………………………………………………..………………C4

Payment Bond ………………………………………………………………………………………………………………..…………….C6

Notice of Award …………………………………………………………………………………………………………….….………….C8

Notice to Proceed ……………………………………………………………………………………………………….……..………….C9

Change Order (Sample form) ………………………………………………….…………C10

Progress Payment (sample form)………………………………………………..…………..C11

**GENERAL CONDITIONS**

General Conditions - Table of Contents …………………………………………………...GC

**TECHNICAL SPECIFICATIONS**

Project Summary ………………………………………………………………………. Pg 2 Scope of Work ………………………………………………………………………………………… Pg 3 Project Requirements and Clarifications ………………………………………………. Pg 5 Project Controls ………………………………………………………………………... Pg 7

**APPENDICES**

Appendix 1 – Relay and Metering One-Line Diagram Appendix 2 – PG&E Rule 21 and Relay Meter Replacement Scope Outline Drawings Appendix 3 – Demo Drawings Appendix 4 – Installation Drawings Appendix 5 – Bill of Materials Appendix 6 – PG&E Final Revisions for G5