

PROJECT MANUAL

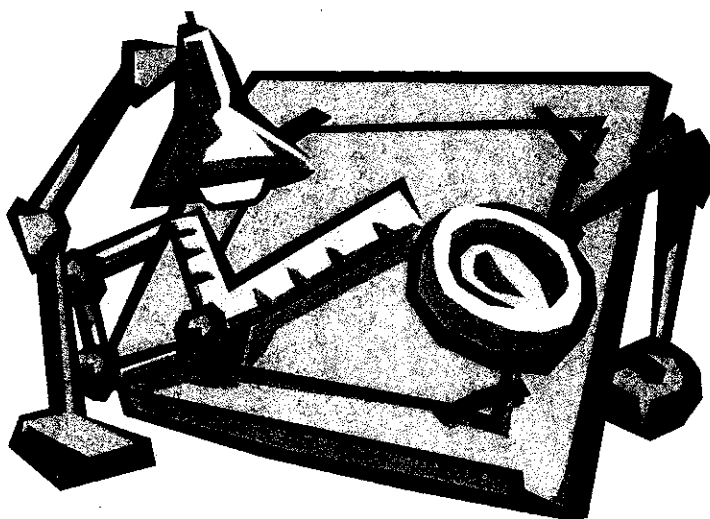
for

WATER IMPROVEMENTS

for the

CITY OF PIERCE

RECEIVED
JAN 28 2008
IDWR/North



PROGRESSIVE ENGINEERING GROUP, INC.

1208 Idaho Street
Lewiston, Idaho 83501

Phone (208) 746-5406
FAX (208) 746-9732
progress@clearwire.net

November 2007

CERTIFICATION BY ENGINEER

I hereby certify that the Project Drawings and the specifications were prepared by me or under my direct supervision and that I am a duly registered Engineer under the laws of the State of Idaho.



Nov. 13, 2007

Professional Engineer's
License: 6978

Terry W. Nab
TERRY W. NAB, P.E.

Nov. 13, 2007
DATE

PROGRESSIVE ENGINEERING GROUP, INC.
1208 Idaho Street
Lewiston, Idaho 83501
(208) 746-5406

**CITY OF PIERCE
WATER IMPROVEMENTS PROJECT**

TABLE OF CONTENTS

CERTIFICATION BY ENGINEER

PART 1 - BID DOCUMENTS

PAGE

INVITATION TO BID	1
INFORMATION FOR BIDDERS	3
BIDDERS CHECKLIST	5
BID FORM	6
BID BOND	8
STATEMENT OF BIDDER'S QUALIFICATIONS	10
CERTIFICATE OF INSURANCE	12
CONTRACTOR'S REGISTRATION	13
BIDDER'S WARRANTY	14
LIST OF SUBCONTRACTORS	15

PART 2 - CONTRACT FORMS

NOTICE OF AWARD/ACCEPTANCE OF AWARD	16
AGREEMENT	17
PERFORMANCE BOND	19
PAYMENT BOND	22
NOTICE TO PROCEED/ACCEPTANCE OF NOTICE	25

THE FOLLOWING WILL BE COVERED AT PRE-CONSTRUCTION

PRECONSTRUCTION CONFERENCE CHECKLIST	26
--	----

SAMPLE FORMS TO BE USED DURING PROJECT

PERIOD ESTIMATE FOR PARTIAL PAYMENT	34
CHANGE ORDER	36

PROJECT CLOSEOUT FORMS

FORM TO CERTIFY COMPLETION OF CONTRACT	37
CERTIFICATE OF SUBSTANTIAL COMPLETION	38

PART 3 – CONTRACT CONDITIONS

STANDARD GENERAL CONDITIONS	40
SPECIAL PROVISIONS	81

**CITY OF PIERCE
WATER IMPROVEMENTS**

TABLE OF CONTENTS

<u>PART 4 – TECHNICAL SPECIFICATIONS</u>	<u>PAGE</u>
<u>GENERAL REQUIREMENTS</u>	
01010 SUMMARY OF WORK	1-8
01050 FIELD ENGINEERING	1
01060 REGULATORY REQUIREMENTS	1
01085 APPLICABLE STANDARDS	1-2
01300 SUBMITTALS	1-2
01310 CONSTRUCTION SCHEDULE	1
01400 QUALITY CONTROL.....	1-3
01600 MATERIALS AND EQUIPMENT.....	1
01700 CONTRACT CLOSEOUT.....	1-2
<u>SITE WORK</u>	
02001 MOBILIZATION	1
02100 SITE PREPARATION	1-4
02230 EXCAVATION, TRENCHING AND BACKFILLING	1-8
02510 ASPHALT SURFACING.....	1
02512 ROLLING.....	1-2
02513 AGGREGATE BASE COURSE.....	1-2
02515 PLANT MIX PAVEMENT	1-5
02610 WATERMAIN PIPING AND FITTING.....	1-5
02675 TESTING AND DISINFECTION OF WATER LINES	1-3
<u>CONCRETE</u>	
03300 CONCRETE WORK	1-10
03360 GROUT	1
03371 CONCRETE THRUST BLOCKS	1
<u>METALS</u>	
05310 METAL SIDING AND ROOF DECKING	1-3
<u>WOOD AND PLASTICS</u>	
06100 CARPENTRY.....	1-3
06170 PREFABRICATED STRUCTURAL WOOD.....	1-3

**CITY OF PIERCE
WATER IMPROVEMENTS**

TABLE OF CONTENTS

<u>PART 4 – TECHNICAL SPECIFICATIONS CONTINUED</u>	<u>PAGE</u>
 <u>THERMAL AND MOISTURE PROTECTION</u>	
07200 THERMAL INSULATION	1-3
07600 FLASHING AND SHEET METAL	1-3
07900 JOINT SEALERS	1-5
 <u>DOORS AND WINDOWS</u>	
08110 STANDARD STEEL DOORS AND FRAMES	1-5
08700 BUILDERS HARDWARE	1-4
 <u>FINISHES</u>	
09900 PAINTING	1-8
 <u>EQUIPMENT</u>	
11000 EQUIPEMENT	1-6
11320 LINE SHAFT TURBINE PUMPS	1-5
 <u>MECHANICAL</u>	
15100 VALVES	1-3
15415 PROCESS PIPE WORK	1-10