BID PLANS

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FLORIDA

GLENCOE FARMS ROAD
6-INCH WATER MAIN EXTENSION

PROJECT LOCATION MAP

INDEX OF DRAWINGS

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>COVER SHEET</td>
</tr>
<tr>
<td>2</td>
<td>CONSTRUCTION NOTES</td>
</tr>
<tr>
<td>3</td>
<td>KEY MAP</td>
</tr>
<tr>
<td>4</td>
<td>SITE PLAN</td>
</tr>
<tr>
<td>5</td>
<td>SITE PLAN</td>
</tr>
<tr>
<td>6</td>
<td>CONSTRUCTION DETAILS</td>
</tr>
<tr>
<td>7</td>
<td>CONSTRUCTION DETAILS</td>
</tr>
</tbody>
</table>

PROJECT DESCRIPTION:

ALL WORK, MATERIALS AND EQUIPMENT SHALL MEET OR EXCEED THE REQUIREMENTS OF THE LATEST EDITION OF "FIREPROOF WATER MILE. DESIGN AND CONSTRUCTION SPECIFICATIONS" AND "ELECTRIC RULES AND STANDARDS", UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH, FLORIDA.

THE CONTRACT INTENDS TO INSTALL APPROXIMATELY 2,133 LINEAR FEET OF 6" PVC WATER MAIN INCLUDING (2) FIRE HYDRANTS, (1) WATER SERVICE AND (2) CONNECTIONS TO THE EXISTING WATER SYSTEM.

PREPARED FEBRUARY 2021

ENGINEERING INFORMATION

ENGINEER OF RECORD: CHARLIE N. PALE
LICENSE NUMBER: 699773

NAME AND ADDRESS OF BUSINESS:
UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
300 CANAL STREET
NEW SMYRNA BEACH, FLORIDA 32168

CERTIFICATE OF AUTHORIZATION NUMBER: N/A

ITB NO. 08-21
NOTES:
1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO SIDE OF THE MAXIMUM DENSITY AS PER FIG. E-100.
2. TRENCH (BAGGAL): COMMON FILL COMPACTED TO SIDE OF THE MAXIMUM DENSITY AS PER FIG. E-115.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED.
4. ALL TRENCHES IN IMPROVED AREAS SHALL BE COMPLETED UNDER APPLICABLE REGULATION OF GOVERNING AGENCIES AND THESE DRAWINGS.

TYPE B BEDDING AND TRENCHING DETAIL

OTHER PIPE

STORM SEWER/STORMWATER FORCE MAIN/RECLAIMED WATER (REJULATED UNDER FAC 62-910)

VACUUM SANITARY SEWER

GRAVITY OR PRESSURE SANITARY SEWER

SECTION VIEW

ELEVATION VIEW

PIPE LOCATING WIRE AND TAPE

NOTES:
1. ALL PIPE SHALL REQUIRE #14 GAUGE CABLE HIGH-STRENGTH COPPER CLAD STEEL CONDUCTOR (HS-CCS) TRACER WIRE COATED WITH A 30 ML THICK, HIGH DENSITY POLYETHYLENE (HDPE) INSULATION AND RATED FOR DIRECT BURIAL USE. TRACER WIRE SHALL BE SUNK 4" DEEP IN THE MIDDLE OF THE PIPE AND TAPE TO THE PIPE AT 3 FT. TO 10 FT. INTERVALS.
2. AT RESTRAINED JOINTS, TRACER WIRE ARMS AROUND THE JOINTS.

BID PLANS

UTILITIES COMMISSION OF NEW SMYRNA BEACH, FLORIDA

GLENCOE FARMS ROAD 6-INCH WATER MAIN EXTENSION CONSTRUCTION DETAILS

ENGINEERING INFORMATION

ENGINEER OF RECORD: FAWWZA N. SALEEM
LICENSE NUMBER: E-0975

NAME AND ADDRESS OF BUSINESS:

UTILITIES COMMISSION, CITY OF NEW SMYRNA BEACH
200 CANAL STREET
NEW SMYRNA BEACH, FLORIDA 32168

CERTIFICATE OF AUTHORIZATION NUMBER: N/A

9-11-2021

9-11-2021