



MARYLAND DEPARTMENT OF GENERAL SERVICES  
OFFICE OF THE SECRETARY

**TASK ORDER REQUEST FOR PROPOSALS (TORFP)**  
**SHA Statewide Operations Communication Shelter**  
**Solicitation No.: F50B0600044**  
**July 20, 2020**

**QUESTIONS AND RESPONSES #1**

1. Please confirm where the demarcation for the generator natural gas hookup will be. Will the successful bidder be responsible for providing and running the pipe all the way to the BGE connection point, or only to the outside of the shelter? If they will be providing and running the pipe, please provide the location of where they need to install it to.

**Response: Refer to drawing**

2. Please confirm that the contractor only needs to run electrical conduit to the marked location of the Utility Frame, and that BGE will be providing and installing conduit from the Utility Frame to their connection point. If that is not the case, please specify what the contractor will need to do.

**Response: Refer to attached drawing. Contractor responsible for conduit from transformer to utility frame**

3. Please confirm that all grounding on site (tower, existing shelter, new shelter) will be to a common ground. There was a concern that the old grounding system for the existing shelter and tower may not be up to par and will cause the new shelter grounding to fail overall. Please confirm what the contractor is responsible for.

**Response: See Motorola's latest R-56 standards specifications for this new shelter as cited in the following locations in the SOW; P.4, #6; P.5, #1; P. 6, #4; P. 7-8, #14.**

**Motorola's R-56 is the standard used by the State of Maryland. Contractor must provide R-56 specified grounding to ensure that grounding for the new shelter will not fail.**

4. Please confirm that the contractor will be responsible to remove the "courtesy" electric outlets that are installed along the fence that is to be removed for the new shelter? Who will be responsible for decommissioning those 4 circuits in the existing shelter?

**Response: The outlets on the affected fencing need to be removed by the contractor, decommissioned by qualified personnel.**



5. Please confirm that the conduit for fiber optic cable will be installed from the new shelter to the existing fiber hand hole at the rear of the existing compound. If that is not where the fiber is to go, please provide information.

**Response: Yes, from the 4' x 4' communications box, adjacent to the existing tower, over to the box located on the new equipment shelter.**

6. Please confirm that the published drawings in the TORFP show the correct location of the cable entry points on the shelter. If the shown location is not correct, please advise where the cable entry ports should be.

**Response: See attached shelter drawings**

7. Please confirm the surface for the new parking area is stone, as specified in the drawings.

**Response: Stone**

8. Please confirm that the contractor is responsible for removing the existing trees, and breaking and removing the existing concrete curbs to install the new parking area.

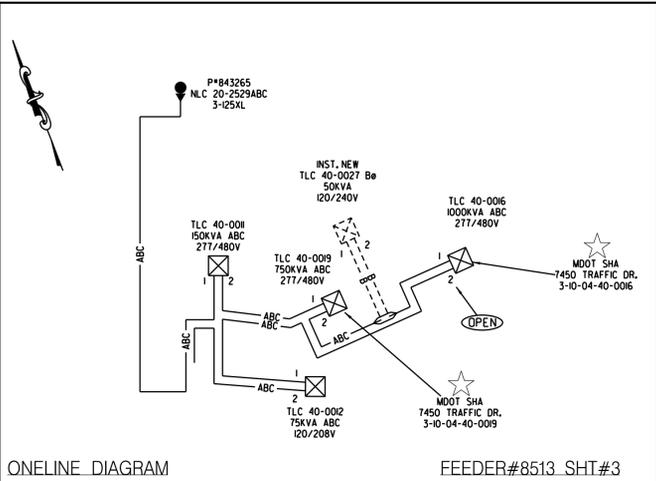
**Response: The contractor must provide those services. The contractor must also safeguard the existing underground wires/pipes/conduits that are known to exist within the parking area, as well as the entire LOD.**

9. Currently there are two different types of chain link fencing material around the site. Please confirm what material any of the new fencing will be....standard galvanized or green vinyl coated?

**Response: Standard galvanized**

10. Based on current estimates of how long it is taking for shelter manufacturers to provide generator shelter building, which is currently confirmed at 16-24 weeks from time of order, is there an issue with extending the period of performance for the work from 120 working days to 180 working days.

**Response: No problems with extending to 180 working days**



ONELINE DIAGRAM FEEDER#8513\_SHT#3

**TRANSFORMER LOCATION INFORMATION**  
 LOC. 3 @ 7491 CONNELLEY DR (INST.)  
 3-10-04-40-0027 B  
 120/240V

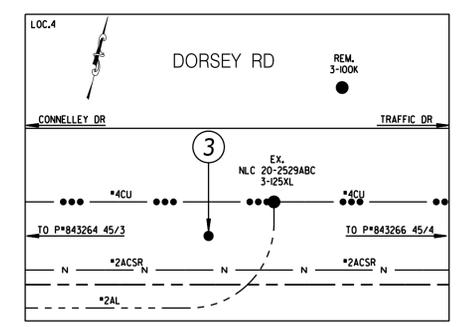
**ELECTRIC SERVICE INFORMATION**  
 INSTALL 1 SET OF 350AL 3W (0001619833)  
 10' + 20' SLACK = 30' TOTAL

**ELECTRIC METER DEMAND**  
 400AMP 120/240V 10  
 TOTAL DEMAND: 22KVA TOTAL

**GAS SERVICE INFORMATION**  
 INSTALL 372' OF 3/4" PL-HR (0001623555)  
 TEE: 4"x 3/4" STAB FITTING (0001621807)+VALVE (0001621807).  
 .80" TAP.  
 AIR TEST SERVICE @ 150 PSIG FOR 10 MINS.  
 GC., 307-23, PG. 12

**GAS METER DEMAND**  
 60 CFH TOTAL  
 1/4" STANDARD DELIVERY PRESSURE

- (A) 3' x 4' SVC PIT IN CONC.  
INST : GAS SERVICE CONNECTION
- 1 URD INFO @ LOC. 1  
LOCATE EX. CABLE AND HAND DIG 1X5'X4'X4' ACCESS PIT IN EARTH  
INST :2-13KV #2AL STR. SPLICES
- 2 TLC 3-10-04-40-0027 B  
INST :50KVA 120/240V PM TRANS (0001638415)  
TERM :2-#2AL (PRI)  
1-350AL 3W (SEC)
- 3 BGE P#843265 50/3  
INST :3-C/L (FUSE 125XL) 20-2529ABC  
REM :3-C/L (FUSE 100XL), OBS OH MATL



COMPLY WITH THE FOLLOWING AGREED-UPON SITE PREPARATION FOR OUR EQUIPMENT:

<input checked="" type="checkbox"/> SITE TO BE WITHIN SIX INCHES OF FINAL GRADE.	<input type="checkbox"/> INSTALL ALL ROAD CROSSINGS.
<input checked="" type="checkbox"/> INSTALL AND MARK IN 3' INTERVALS: WATER, SEWER, TELEPHONE, STORM DRAIN, & ALL OTHER NON-BEE UTILITIES.	<input checked="" type="checkbox"/> INSTALL CONDUITS WITH PULL STRINGS PER BGE SPECIFICATIONS. CONDUIT WILL BE MINIMUM 4" INSIDE DIMENSION (P.S. 11, SCHEDULE 40). THE CUSTOMER SHALL PULL A MINIMUM THROUGH EACH DUCT FROM TO BE CABLE INSTALLATION, FOLLOWED BY A PULLING LINE WHOSE SMALLER END IS TO BE KEPT OPEN UNTIL THE SPECIFIC CONDUIT/DUCT REQUIREMENTS.
<input checked="" type="checkbox"/> LOCATE AND CLEARLY MARK ALL PRIVATE UNDERGROUND FACILITIES ON JOB SITE: WELL, WATER LINE, SEPTIC, FUEL, PRIVATE LIGHTING, UNDERGROUND SPRINKLER SYSTEMS, INVISIBLE FENCE WIRES, ETC.	<input checked="" type="checkbox"/> CLEAR THE SITE OF ALL BUILDING MATERIALS, TREES, STUMPS, AND OTHER OBSTRUCTIONS ALONG THE ROUTE OF THE PROPOSED BEE FACILITIES.
<input type="checkbox"/> INSTALL SOIL EROSION AND SEDIMENT CONTROLS.	<input checked="" type="checkbox"/> INSTALL GAS METER PADS, TRANSFORMER PADS PER BGE SPECIFICATIONS.
<input checked="" type="checkbox"/> LOCATE AND CLEARLY MARK PROPOSED PROPERTY AND CURB LINES ON THE JOB SITE.	<input checked="" type="checkbox"/> REVIEW ALL CUSTOMER NOTES LISTED ON THIS PRINT. REVIEW THE AVAILABLE CUSTOMER INFORMATION BOOKLETS AT BGE.COM TO ASSIST WITH FULFILLING YOUR RESPONSIBILITIES. CONTACT YOUR BGE REPRESENTATIVE WITH ANY QUESTIONS.
<input checked="" type="checkbox"/> STAKE TRANSFORMER AND/OR SWITCHGEAR LOCATIONS.	
<input checked="" type="checkbox"/> INSTALL LOAD CABLES AND/OR GAS PIPING THROUGH THE BUILDING WALL.	

SIGNATURE: \_\_\_\_\_  
ONCE SITE IS READY, CALL 800-333-1004 TO SCHEDULE CONSTRUCTION OF YOUR PROJECT. IF ANY OF THE ABOVE REQUIREMENTS ARE NOT MET WHEN THE SITE IS INSPECTED BY A BGE REPRESENTATIVE AND AT THE TIME OF GREEN MOBILIZATION TO THE SITE, THE CONSTRUCTION SCHEDULE MAY BE DELAYED.



- GENERAL NOTES:**
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS OF EXISTING UNDERGROUND UTILITIES.
  - CONTRACTOR SHALL MAINTAIN 5 FEET MINIMUM HORIZONTAL CLEARANCE BETWEEN WATER MAINS, SANITARY SEWERS, AND DUCTBANKS.
  - ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF TRENCH AND KEPT OUT OF SWALE, DITCHES AND OTHER AREAS OF CONCENTRATED FLOW AND PROTECTED IN A MANNER IN WHICH WILL PREVENT EROSION.
  - ALL AREAS DISTURBED DURING CONSTRUCTION MUST BE STABILIZED PRIOR TO LEAVING JOB SITE EACH DAY.
  - SEWER LINES ARE SHOWN FOR PERMITTING PURPOSES ONLY.
- GAS SPECIFIC NOTES**
- CONTRACTOR SHALL NOTIFY GAS SYSTEM OPERATIONS, SPRING GARDENS 48 HRS. PRIOR TO CONSTRUCTION 410-470-6427 OR 410-470-6421.
  - MINIMUM COVER OF PROPOSED GAS MAIN SHALL BE 3.0 FEET MINIMUM EXCEPT WHERE OTHERWISE SPECIFIED.
  - TRACER WIRE AND WARNING TAPE TO BE INSTALLED WITH ALL PLASTIC MAIN.
  - BRING TRACER WIRE AND WARNING TAPE TO SURFACE IN TEST STATION.
  - CONSTRUCTION/CONTRACTOR SHALL NOTIFY CORROSION CONTROL, SPRING GARDENS 48 HRS. PRIOR TO CONSTRUCTION, 410-470-6337.
  - THE PIT SIZE DEPICTS ACTUAL WORKING SPACE REQUIRED.

**ELECTRIC SPECIFIC NOTES**

- ALL TRANSFORMERS TO BE LOCATED 6' BEHIND PROPERTY LINE UNLESS OTHERWISE NOTED.
- ALL PROPOSED POLES ARE DESIGNED TO BE ADA COMPLIANT.

**CUSTOMER INSTALLED DUCT**

INSTALL DUCT TO BGE SPECIFICATIONS IN THE NATURAL GAS AND ELECTRIC SERVICE GUIDE.  
 INSTALL 4" SCH 40 PVC DUCT W/ 20' OF COVER MIN. W/ PULL STRINGS FROM METER TO 5' IN FRONT OF POLE.  
 DUCT IS FOR BGE EQUIPMENT ONLY AND DOES NOT INCLUDE VERIZON OR CANT.

**ANNE ARUNDEL COUNTY GENERAL UG NOTES:**

- CONTRACTOR SHALL HAVE A COPY OF AGREEMENT BETWEEN BGE AND THE ANNE ARUNDEL COUNTY GENERAL UG DISTRICT ON SITE AT ALL TIMES.
- CONTRACTOR CREWS MUST SCHEDULE A FIELD MEETING WITH A.A. COUNTY INSPECTOR TO DETERMINE THE LOCATION OF ANY TEST PITS OR WORKING PITS NOT SHOWN ON THE PLAN.
- ALL DISTURBED AREAS WILL BE RESTORED ACCORDING TO A.A. COUNTY STANDARDS AND SPECIFICATIONS.
- CALL 410-222-7594 AT LEAST 24 HRS. BEFORE STARTING WORK.

**CUSTOMER NOTES**

LOC 2 TO MTR. CUSTOMER TO INSTALL 1-4" DIRECT BURIED DUCTS.  
 LOC 1 TO LOC 2. CUSTOMER TO INSTALL MIN 2-4" DIRECT BURIED DUCTS. (CUSTOMER TO STOP 5' OF SPLICE PIT LOC.1)  
 CUSTOMER REQUIRED TO MANHOLE AND STRING ALL CUSTOMER INSTALLED DUCT PER BGE GUIDE BOOKLETS (GUIDELINES STARTING ON PAGE 44)

<input checked="" type="checkbox"/>	LANE CLOSURE NECESSARY?
<input checked="" type="checkbox"/>	FLAGGERS NEEDED?
<input checked="" type="checkbox"/>	TREE/VINE TRIMMING NECESSARY?
<input checked="" type="checkbox"/>	ARE POLES TRUCK ACCESSIBLE?

**REVISED PRINT**  
 REVISION #: 01  
 REVISION DATE: 4/22/19  
 APPROVED BY: \_\_\_\_\_

\*\*ALL WORK ON CUSTOMER PRIVATE PROPERTY\*\*



PENNONI JOB BG1543736

FROM/TO	NUMBER (A)	ONE-WAY DISTANCE (B)	SLACK (C)	TOTAL QUANTITY A(B+C)	SIZE	DESCRIPTION	DESIGN TENSION	SAG SPEC. PG.	CATEGORY IDENTIFICATION NUMBER	FROM/TO	NUMBER (A)	ONE-WAY DISTANCE (B)	SLACK (C)	TOTAL QUANTITY A(B+C)	SIZE	DESCRIPTION	DESIGN TENSION	SAG SPEC. PG.	CATEGORY IDENTIFICATION NUMBER	FROM/TO	NUMBER (A)	ONE-WAY DISTANCE (B)	SLACK (C)	TOTAL QUANTITY A(B+C)	SIZE	DESCRIPTION	DESIGN TENSION	SAG SPEC. PG.	CATEGORY IDENTIFICATION NUMBER
1-2	2	205'	20'	450'	#2	AL PRIMARY			0001622471																				

CUSTOMER CONTACT: _____		CUSTOMER CONTACT: <b>WILLY GAYLE</b>	
PHONE NUMBER: _____		PHONE NUMBER: <b>410-787-7636</b>	
REV. NO.	REVISION DESCRIPTION	BY	DATE
1	ELECTRIC METER MOVED TO A STAND ALONE METER, GAS METER POSITION MOVED.	NTH	4/22/19

JOB OWNER - PROJ./ PROG. MGR	OFFICE # 410-470-8412	JOB TITLE	R 7491 CONNELLEY DR
GREGORY CHOMET		LOCATION	7491 CONNELLEY DR, HANOVER MD 21076
DESIGNER	OFFICE # 443-449-2502	CITY / TOWN	HANOVER
MOUHAMED CISSE		COUNTY	ANNE ARUNDEL
UNIT PRINCIPAL DESIGNER	OFFICE # 410-470-8329	DEVELOPMENT / LOCALITY	
MICHAEL KLEIN		OBJECT OF WORK	INST. ELECTRIC MAIN, TRANS, SVC AND MTR. GAS SVC AND MTR
DESIGN REVIEWED BY (NAME & TITLE)	OFFICE #	CUSTOMER	MDOT SHA
POTENTIALLY CONTAMINATED AREA	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	IF YES, SEE SECTION 2E1	
SITE #	N/A	OF ENV PERMIT GUIDE	
ENVIRONMENTAL	NO <input checked="" type="checkbox"/>	AGREEMENT	
DOCUMENTATION PLAN	NO <input checked="" type="checkbox"/>	AGREEMENT	
GRADING PLAN	NO <input checked="" type="checkbox"/>	AGREEMENT	
NOTICE OF INTEREST	NO <input checked="" type="checkbox"/>	AGREEMENT	
FOREST	NO <input checked="" type="checkbox"/>	AGREEMENT	
WETLANDS	NO <input checked="" type="checkbox"/>	AGREEMENT	
PERMITS	REQ.	BY	DATE
CITY		MC	2/6/19
STATE			
FORESTRY			
BLANKET			
TRANSMISSION		CH	2/7/18
LAND USE			
RIGHT-OF-WAY CK			
CORROSION CTRL / GAS CK			
PRESSURE CTRL			
NONE REQUIRED	X	DRAFTER	

WORK ORDER NO.	15423736	PRINT	NO. PRINTS	REVISION	BASED ON WORK WITH
SUB-SUBJECT NO.	04817152000240706				
FEEDER # & FDR. SHEET #	FRD#8513 SHEET#3				
GAS SYSTEM TYPE	HP				
MAIN TYPE	STEEL				
PLASTIC					
ENGINEERING CK	CH				
RIGHT-OF-WAY CK					
CORROSION CTRL / GAS CK					
PRESSURE CTRL					
RADIOGRAPHIC REQUIRED					