



Ministry of Public Works
Ministry of Public Works Headquarters

Request for Proposals
For
Bulk Fuel Supply and Infrastructure Upgrades 2022
ADDENDUM 3 – October 28, 2022

Request for Proposals No.: **2022-003P-MPW**

Issued: **Wednesday September 17, 2022**

Submission Deadline: **Wednesday November 9, 2022 03:00:00 PM AST**

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ADDENDUM 3

3.1 Reissue of Addendum 1 Questions

The questions and answers from Addendum 1 are reissued because the table was not formatted properly and some responses could not be read.

3.2 Photos of the Electrical Panels for St David's Post Office

Three photos of the electrical panels at St David's Post Office are included for information only.

3.2 Responses to Questions Received by October 21, 2022

Responses to questions received by October 21, 2022.

3.1. If no hydrocarbons are encountered when removing the tanks and associated piping the only reports required are the UST closure and soil contamination report?

A single 'UST Closure Report' (RBCA Appendix A.4.) can be provided for each UST site with any additional elements that are required as part of the 'Soil Contamination Report' (RBCA Appendix A.2.) also captured within the 'UST Closure Report'.

3.2. Please confirm that at the Marine and Ports location if any contamination is found within the water table that since that is outside of the RBCA scope, this will be considered outside of the scope of work of this RFP?

AGREED. The RBCA Guidelines provide methods for assessing contamination to soils located above the water table and also to the groundwater at or below the elevation of the water table. In the instance of a UST being part submerged then only soil above the water table can be addressed in terms of screening/monitoring, removal (if required) and remediation off-site. Soils below the water table are not considered in the context of RBCA. Any pooling free product discovered close to the water table can be addressed by the use of oil-adsorption products before any excavation is refilled.

3.3 Please confirm that where UL2085 tank and double walled piping is being used that a bund is not required except in the case where there is a risk of storm surge.

AGREED.

3.4. What depth is the water lens under the area of the DPT?

Elevation at the USTs at DPT is approximately 34 metres above sea level at grade level. DENR does not know the depth from grade to the base of the USTs. (Also discussed on 19th Oct: Grade level of USTs at Marsh Folly is approx. 5 metres).

3.5. Please confirm that the successful proponent is not responsible to remediate soils at the Marsh Folly Asphalt tank location.

Correct, we assumed you meant the Quarry Asphalt Tank.

3.6. If a case can be made that there is minor environmental risk and sufficient infrastructure safeguards in place is an oily water separator always needed?

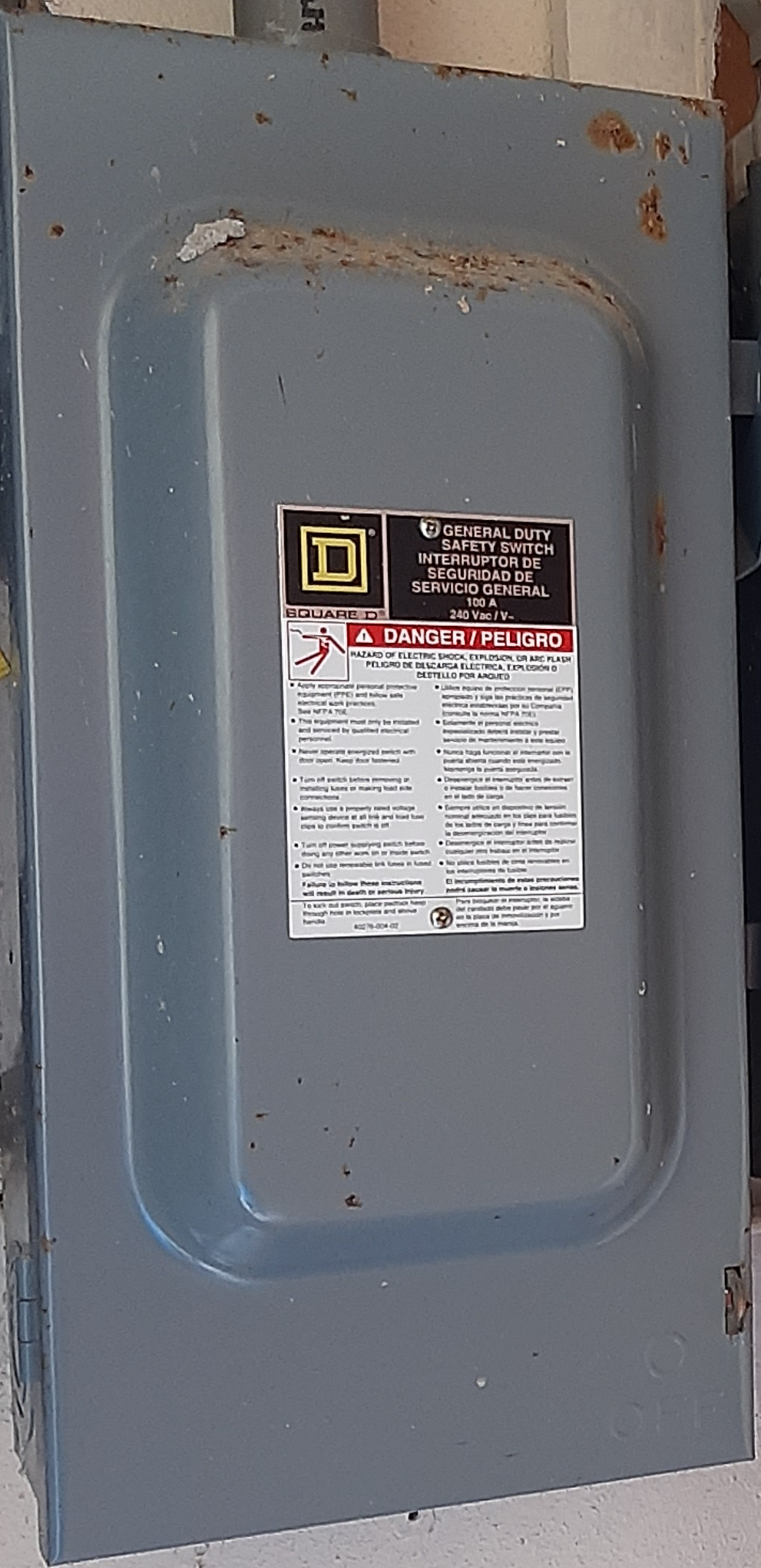
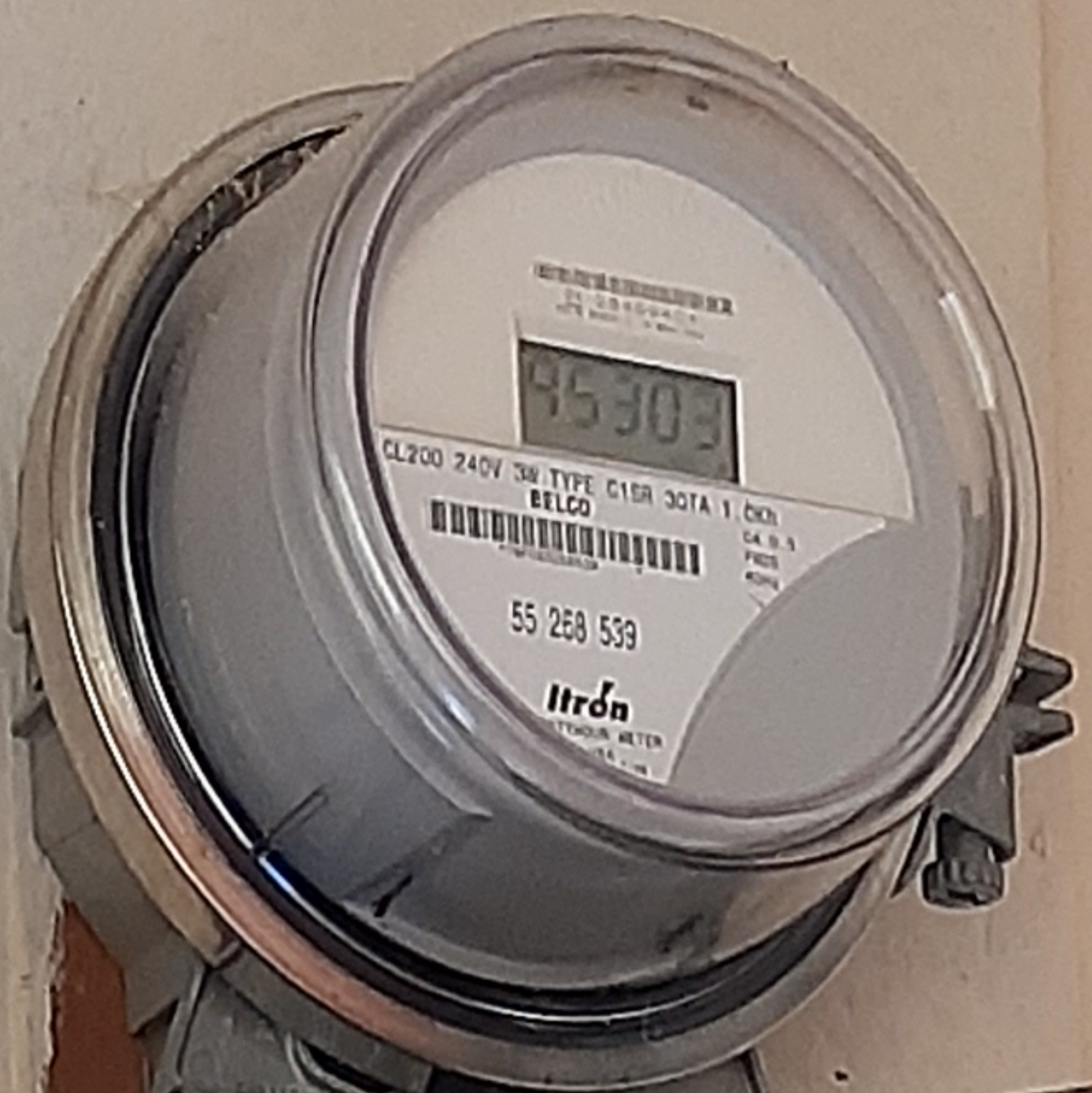
CORRECT. DENR is not prescriptive in requiring specific safeguards that may or may not be required in other developed jurisdictions. DENR can consider each and every proposed safeguard for the Government Fuel RFP on a case by case basis that is based upon appropriate and reasonable mitigation methods to protect the environment.

Question	Spec	Clause	Question	Response
	Annex A - Form of Agreement			
1-1	3	Supplier Service Conditions	Is commercial general liability insurance required to be \$2M or	Commercial general liability insurance required to be \$3,000,000.00
	Annex C - Scope of Services			
1-2	A.6	The extent of the remediation of the soil around underground storage tanks, piping, fittings, etc, for the purpose of pricing this Tender only, shall be defined as the volume of soil that can be excavated within the full reach of a suitably sized excavator while ensuring that the sides of the excavation are safe from collapse. For the purpose of pricing this Tender, the work shall include excavating the contaminated soil, sampling, testing, reporting, treating the excavated contaminated soil, installing pea gravel and vent pipes as required, backfilling with clean soil and final disposal of the treated soil. Should the contaminated soil extend beyond these limits then the work shall continue on an approved cost and charge basis with notice and supervision by government.	What sized excavator is this assuming? Where will contaminated soils be stored?	1. Typically the equipment selected by the Proponent to excavate around the tank and remove it will be suitable. This is meant to give the Proponets an expected limit to their scope of work. 2. Contaminated soil shall be stored per the Proponent's proposal.
1-3	B.10	Framework Agreement (Contract "Piggyback" Option)	What are the expected volumes and number of vehicles (gasoline and diesel) that would be expected as a 'piggyback option'.	These volumes are not known at this time.
1-4	C.11	Proponents are required to provide a draft Construction Management Plan with their submission which must include the following, at a minimum:	Does the draft Construction Management Plan have to include the Traffic Management Plan, Site Safety Plan and Spill Response Plan for tender submission?	Please provide the requirements under Annex C, C.11 also under the Mandatory Technical Requirements in Annex D, D.
1-5	C.11.2	For the fuel an implementation plan, include installation of hardware, data conversion, building interfaces, loading software, testing, and system commissioning as well as complete as-built documentation.	How can as-built documents be included in the RFP tender submission?	The Proponents can not include as-built information with their RFP. This information will be required when the work is built.
1-6	C.21.1	Method statement on how to deal with fuel spills with contact information of who	During construction only or during normal operation.	The method statement should cover both situations.
1-7	C.31	Fuel tanks must be registered: https://www.gov.bm/online-services/register-petroleum-storage-tank	Will the successful proponent or Government register the fuel tanks.	The Proponent shall register the tanks.
1-8			Are all imported materials and equipment related to the project assumed to be duty free.	No.
1-9			What is the specification for civil works. Strength of concrete, size of block for bunds etc?	These details are to be provided by the Proponent.
1-10	C.37	Annex K 'Design Documentation'	Annex K is the National Fuels Policy. Can the Design Documentation please be sent.	Annex K is the National Fuels Policy. We do not know what design documentation you are referring to.
1-11			Is an oily water separator required at every site?	Oily water separators are to be installed as and where required by the Regulations.
1-12			Where is Annex S?	We do not have an Annex S.
1-13			Confirmation that the asphalt plant tank is required to be mobile?	The asphalt plant tank can be fixed or mobile.
1-14			Can you confirm that no other infrastructure is required at sites not visited on the Site visit on October 7th.	The site visit on October 7th include our larger users. This RFP includes all government tanks that the Proponent will be fueling. The only new site to be included is the Coast Guards tank at St. David's Post Office.
1-15			Can you confirm the fuel tank requirements at the Bermuda Regiment location.	This forms part of your Gap Analysis.
		Request for Proposals Document	What is the volume of diesel used by the bus fleet from April 2022 to September 2022? What was the volume of diesel delivered to the DPT over the same period?	
1-16			Can an extension be granted due to the increased number of sites in Table 1 that require replacement infrastructure?	Request for extensions can be requested and granted in special circumstances. The request should include the length of the extension needed.
1-17	1.5	Submission of Proposals	Confirmation that electronic submission in the form of a pdf held on a USB drive be submitted instead of hard copies?	Hard copy submission is required. See page 6, Section 1.5.1 and 1.5.3.
1-18	Appendix A	Form of Agreement	Can an editable version of Annex A be issued to be filled out?	No, but maybe you can export it from PDF to Word.
1-19	E	Pre-Conditions of Award	Are Annex M and Annex N required for the bid submission?	Appendix D lists the items that must accompany your tender submission, specifically items listed in "C Mandatory Submission Requirements" and "D Mandatory Technical Requirements". Annex M and N are required before a contract could be signed.
1-20	E	Pre-Conditions of Award	Is a maintenance schedule required at bid-submission?	No. Appendix D lists the items that must accompany your tender submission, specifically items listed in "C Mandatory Submission Requirements" and "D Mandatory Technical Requirements".
2.1			1. USTs – where possible please provide dimensions of all USTs. These dimensions define the number of samples required and facilitates the estimation of potential volume of material to be remediated and clean fill potentially required.	The records that DENR holds on the various UST/ASTs registered is limited. Attached are the original Tank Registration 'Application Forms' and latest 'Certificates' for the registrations that were filed.
2.2			2. Are any of the USTs known to be placed on slabs (this can dramatically increase the sampling required under RBCA).	The records that DENR holds on the various UST/ASTs registered is limited. Attached are the original Tank Registration 'Application Forms' and latest 'Certificates' for the registrations that were filed. See #2.7 for details of sampling under vaults or slabs.

2.3		3. Where possible please provide the orientation of the tanks.	The records that DENR holds on the various UST/ASTs registered is limited. Attached are the original Tank Registration 'Application Forms' and latest 'Certificates' for the registrations that were filed.
2.4		4. During the site visits PTB and Marine and Ports were identified as having challenges. What specific evidence or history of contamination informs these comments? What is known?	DENR has records of spills from M&PS Front Street as a result of operator error and the gasboys located on the fuelling arm. DENR does not have record of the UST at M&PS having a leak. Similarly DENR has records of contamination from PTB (i.e. DPT) into the pond of Ocean View golf course and to the sewer main that connects to Hamilton and Seabright outfall as a result of poor waste oil management at PTB.
2.5		5. Please confirm whether any existing fuel infrastructure is to be removed at DENR (Botanical Gardens), Coney Island, Oceanview or Port Royal Golf Course.	Priority should always be made to remove the filling and decanting pipework wherever possible. Any issues associated with achieving this task shall be discussed with the DENR representative on a case by case basis (Also see #2.9).
2.6		6. Which USTs are in vaults and what are the dimensions of these vaults?	The records that DENR holds on the various UST/ASTs registered is limited. Attached are the original Tank Registration 'Application Forms' and latest 'Certificates' for the registrations that were filed.
2.7		7. RBCA is silent on sampling around USTs within vaults – if contaminated soils are found within a vault, what sampling is required around the vaults if it is intact? What sampling is required around a vault if its structure is compromised? In addition to screening of soils, what sampling is required within vaults?	If the vault appears compromised or if the vault is not due to be used thereafter then DENR will require 2-3 holes to be punctured through the base of the vault to sample the underlying soil. This practice was, for example, undertaken earlier in 2021 at the Marsh Folly Pulverization Site for Dept of Parks. If the vault appears intact and functioning and the vault is due to be utilised thereafter then sampling shall be conducted around the outside edges of the vault down to a depth that is below the concrete base of the vault. Sampling shall comprise of PID screening followed by discussion with DENR representatives with regards to any subsequent sampling.
2.8		8. Marine and Ports – the RBCA guidance is inadequate for many issues surrounding the USTs at this site. It is understood that closure in place has been authorised, but it is unclear what sampling, removal of contaminated soils, etc. would be required and whether any additional specific remediation is appropriate. Bermuda Environmental Consulting Ltd (as the environmental consultant for both Rubis and SOL) would like to meet with DENR to agree a practical approach to dealing with environmental issues at this site. Can this be authorised?	As stated below (#2.9) the concession to leave a UST in place is not the norm under RBCA. However, if there are valid reasons that are presented to DENR then a concession can be provided to clean and fill the UST with concrete while cleaning and capping the associated pipework. Such concessions are considered and approved on a case by case basis. Provision of a method statement to DENR by the environmental consultants overseeing these processes is encouraged to start the dialogue.
2.9		9. Given concerns over the integrity of the seawall at M&P, is it intended that buried pipework along that seawall be closed in place as well as the tanks?	DENR usually provides under RBCA concessions to the removal of USTs if it can be demonstrated that they have structures (i.e. supporting walls, etc) above them. In these cases DENR permits the UST to be cleaned/flushed, filled with concrete and left in place. DENR understands that the UST, and pipework infrastructure, may not be able to be removed without compromising the structure of the seawall. In this instance DENR could allow for the UST to be suitably cleaned and filled with concrete in place.



rigid nonmetallic conduit
1-1/2 (41)
Arton



D
GENERAL DUTY SAFETY SWITCH
INTERRUPTOR DE SEGURIDAD DE SERVICIO GENERAL
100 A
240 Vac / V-
⚠ DANGER / PELIGRO
HAZARD OF ELECTRIC SHOCK, EXPLOSION OR RUIDO EXCESIVO
PELIGRO DE DESCARGA ELÉCTRICA, EXPLOSIÓN O RUIDO EXCESIVO

English Instructions:

- Apply appropriate personal protection equipment (PPE) and follow safe electrical work practices.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Never operate energized switch with cover open. Keep cover latched.
- Turn off switch before attempting to install, adjust or rewire load side connections.
- Product uses a properly rated voltage sensing device at all line and load bus to detect ground fault or GFI.
- Turn off power supplying switch before doing any other work on or inside switch.
- Do not use equipment with cover in closed position.

Spanish Instructions:

- Utilice equipo de protección personal apropiado (EPP) y siga las prácticas de seguridad eléctrica apropiadas para los Circuitos.
- Este equipo de personal eléctrico solamente debe ser instalado y servido por personal eléctrico calificado.
- Nunca haga funcionar el interruptor con la cubierta abierta cuando está energizado.
- Desconecte el suministro antes de intentar el mantenimiento o ajuste de conexiones en el lado de carga.
- Siempre utilice un dispositivo de tensión apropiado en los buses de línea y carga para detectar falla a tierra o dispositivo de protección contra corriente de fuga (GFCI).
- Desconecte el suministro antes de intentar cualquier otro trabajo en el interruptor.
- No utilice equipos de trabajo energizados en la configuración de carga.

Failure to follow these instructions will result in death or serious injury.
Falta de seguir estas instrucciones puede causar la muerte o lesiones graves.



**GENERAL DUTY
SAFETY SWITCH**
**INTERRUPTOR DE
SEGURIDAD DE
SERVICIO GENERAL**
 150 A
 240 Volt / V

▲ DANGER / PELIGRO
 HAZARD OF ELECTRICAL FIRE, EXPLOSION OR ARC FLASH
 PELIGRO DE INCENDIO ELECTRICO, EXPLOSION O
 DESTELLO POR ARQUEO

- Before working on this equipment, disconnect and lock out all energy sources. Post a warning sign on the disconnecting device.
- Only authorized personnel may work on this equipment. Work must be done in accordance with the manufacturer's instructions.
- Never work with bare hands on this equipment. Use proper safety procedures.
- Do not touch live metal terminals or conductors. Do not touch the metal housing.
- Use proper safety practices when working on this equipment. Do not touch the metal housing.
- Do not touch the metal housing when the equipment is energized.
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