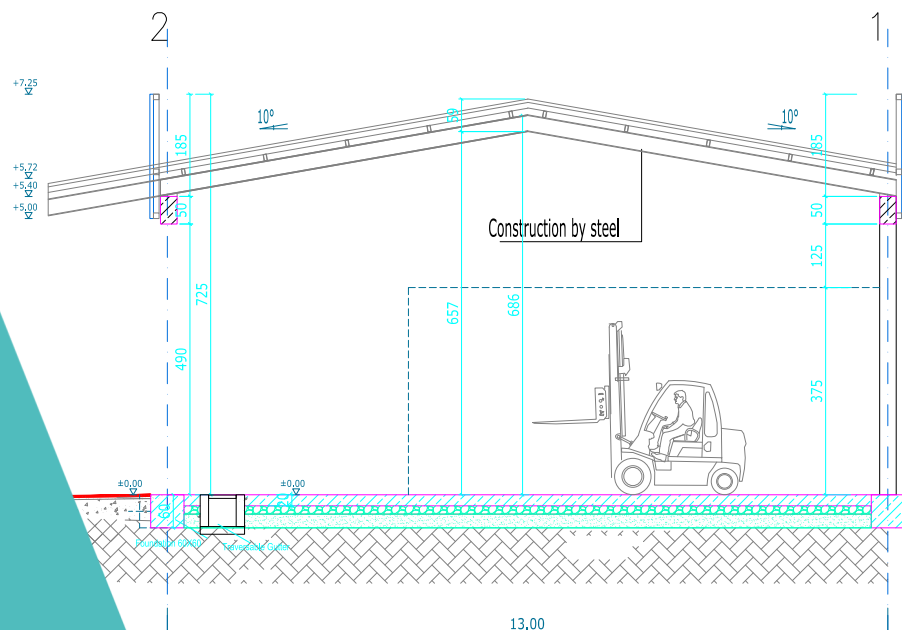


November 2020

# Reduction of UPOPs emissions by improving waste management practices at landfills

Tender specifications to support the design upgrade for 3 hazardous waste storage facilities – ANNEX 2

Antigua & Barbuda



Resources & Waste  
Advisory Group <sup>SCE</sup>

Reference number: BCRC#5558\_2019\_002



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The following instructions refer to Bill of Quantity (BoQ) for the construction of the HWISF. A detailed definition of what has to be included in the unit prices is given the Technical Specifications.

## PREAMBLE

Tenderers must price each item in the BoQ separately and follow the instructions regarding the transfer of various totals in the summary.

The BoQ must be read with all the other contract documents and the Contractor shall be deemed to have thoroughly acquainted himself with the detailed descriptions of the works to be done and the way in which they are to be carried out. All the works must be executed to the entire satisfaction of the Engineer. The items which are included in drawings, documents etc. but not found in Bill of Quantities have to be included in the other unit prices.

**A detailed breakdown of all unit prices has to be handed over to the Contracting Authority immediately (not more than 5 working days) after award of contract.**

### 1.1. Quantity of items

The quantities set forth against the items in the BoQ are an estimate of the quantity of each kind of the work likely to be carried out under the contract and are given to provide a common basis for offers. There is no guarantee to the Contractor that he will be required to carry out the quantities of work indicated under any one particular item in the BoQ or that the quantities will not differ in magnitude from those stated in the bills. Tenderers must consider every aspect of the dossier carefully.

The brief descriptions of the items in the BoQs are purely for the purpose of identification and they shall in no way modify or supersede the detailed description given in the Technical Specifications.

When pricing items, reference should be made to the conditions of contract, the specifications and relevant drawings for directions and descriptions of work and materials involved.

The quantities given in the BoQ are provisional and reflect the estimates made at the time of approval to provide a basis for this dossier and tenders.

Except where specifically and expressly otherwise stated in the Technical Specifications, or in the BoQ, only permanent works are to be measured. Works will be measured net to the dimensions shown on the drawings or ordered in writing by the Engineer, save where described or prescribed elsewhere in the contract.

In adjusting extras on the contract, works will be measured on the same basis as that on which the quantities were prepared. All works not specifically mentioned in the BoQ will be taken as included in the prices of extra items.

No allowance will be made for loss of materials or volume thereof during transport or compaction.

It is deemed that all prices given by the Contractor include all necessary items for performance and procurement of works, goods, and services he is tendering for. These items include but are not limited to construction, supply, transportation, loading, unloading, installation, testing, workmanship etc. and all overheads and profits.

For lump sum prices, the item descriptions given in breakdowns (or schedules) in the specifications in no way limit the Contractor's obligations under the contract to provide all the works as described elsewhere. Notwithstanding any limits which may be implied by the wording of individual items in the breakdowns, the Contractor accepts that the amounts entered under lump sum prices are works that are complete in every respect. He will be deemed to have taken full account of all requirements and obligations, whether expressed or implied, covered in this contract and to have priced the items herein accordingly.

The amounts must therefore include for all incidental and contingent expenses and risks of every kind necessary to construct, complete, and maintain the works covered under lump sums prices in accordance with the contract. Unless separate items are provided in the breakdowns, rates and sums include all costs involved in the various items in the breakdowns. The amounts entered in lump sum price breakdowns will be used for calculating payments and interim payments and for valuing variations.

## 1.2. Units of measurement

The units of measurement used in the annexed technical documentations are those of the International System of Units (SI). No other units may be used for measurements, pricing, detail drawings etc. (Any units not mentioned in the technical documentation must also be expressed in terms of the SI.)

Abbreviations used in the BoQ are to be interpreted as follows:

mm	means millimetre
m	means metre
m <sup>2</sup>	means square metre
m <sup>3</sup>	means cubic metre
kg	means kilogram
to	means tonne (1000 kg)
pcs	means pieces
h	means hour
Ls	means Lump sum
km	means kilometre
l	means litre
%	means per cent
DN	means nominal diameter
da	means outer diameter (applies to HDPE-pipe work)

# TERMS RELATING TO PAYMENTS

For terms relating to payment the following additional terms apply.

- The Tenderer has to price all items of the BoQ, otherwise the offer will be excluded from evaluation.
- The Contractor will be obliged to establish and prepare independently the quantity survey for all items of the BoQ
- Any request for payment has to be handled separately.

# PRICING

The prices and rates inserted in the BoQ are to be the full inclusive values of the works described under the items and as describe in the Specifications, including all costs and expenses which may be required in and for the construction of the works described together with any temporary works and installations which may be necessary and all general risks, liabilities and obligations set forth or implied in the documents on which the tender is based. It will be assumed that establishment charges, profit and allowances for all obligations are spread evenly over all the unit rates.

The rates and prices tendered in the priced BoQ will be quoted at the rates current prior to the date of submission.

Rates and prices must be entered against each item in the BoQ. The rates will cover all tax, duty or other liabilities which are not stated separately in the BoQ and the tender.

# COMPLETING THE BILL OF QUANTITIES

In the BoQ all rates and prices will be entered in the appropriate columns in XCD.

Errors will be corrected as follows:

- a) where there is a discrepancy between amounts in figures and in words, the amount in words will prevail; and
- b) where there is a discrepancy between the unit rate and the total amount derived from the multiplication of the unit price and the quantity, the unit rate as quoted will prevail.

**In addition a complete breakdown of all unit prices and rates listed in the BoQ has to be prepared by the Contractor and handed over to the Engineer in a sealed envelope, within 3 weeks after award of Contract.**

