

## Responses to Requests for Clarifications Nr. 2

**Country:** *Sint Maarten*

**Name of Project:** *Emergency Recovery Project I*

**Contract Title:** *Single Family Homes Repairs #2 – Lot 1, Lot 2 and Lot 3.*

**Loan No. /Credit No. / Grant No.:** *TF0A8079*

**RFB No:** *AN-IRC-NRPB-76496-CW-RFB / Repairs 2*

In connection with the above RFB, the following responses are communicated to Bidders:

	<b>Question / Comment Received<sup>1</sup></b>	<b>NRPB Response / Reaction</b>
05/20/19	<p>I found the following discrepancies which need clarification before the information meeting:</p> <p><b>Roof: item 7 &amp; 8 material cost</b>                      Item 7: T1-11 5/8" pressure treated plywood and Item 8: Supply pressure treated T1-11 5/8" plywood is double in the Bill of Quantities.</p> <p>Item 7 need to be deleted.</p>	<p>This is correct. We will issue an amendment to the RFB with an amended BOQ, where Item 7 will be deleted.</p>

<sup>1</sup> Messages received from potential Bidders are presented below, broken down into the different issues dealt with by the Bidders.

05/20/19	<p><b>Concrete &amp; Steelworks:</b></p> <p><u>Cut, prepare and install reinforcing steel 3/8" steel:</u></p> <p>Lot 1: For the Labor you have 4,533 running meters (m1) in the Bill of Quantities which represents <math>4,533 \times 0.560</math> kg/m1 = 2,539 kg. In the procurement part of the Bill of Quantities you have 247,000 kg.</p> <p>Lot 2: For the Labor you have 9,067 running meters (m1) in the Bill of Quantities which represents <math>9,067 \times 0.560</math> kg/m1 = 5,078 kg. In the procurement part of the Bill of Quantities you have 493,000 kg.</p> <p>Lot 3: For the Labor you have 13,600 running meters (m1) in the Bill of Quantities which represents <math>13,600 \times 0.560</math> kg/m1 = 7,616 kg. In the procurement part of the Bill of Quantities you have 740,000 kg.</p> <p>Or the Labor quantities need correction or the procurement quantities (materials) need correction, please advise which is applicable</p>	<p>Labor quantities are correct. We will issue an amendment to the RFB with an amended BOQ, where quantities of materials for these items will be corrected as suggested.</p>
05/20/19	<p><u>Cut, prepare and install reinforcing steel 1/2" steel:</u></p> <p>Lot 1: For the Labor you have 4,533 running meters (m1) in the Bill of Quantities which represents <math>4,533 \times 0.994</math> kg/m1 = 4,506 kg. In the procurement part of the Bill of Quantities you have 437,000 kg.</p> <p>Lot 2: For the Labor you have 9,067 running meters (m1) in the Bill of Quantities which represents <math>9,067 \times 0.994</math> kg/m1 = 9,013 kg. In the procurement part of the Bill of Quantities you have 873,000 kg.</p> <p>Lot 3: For the Labor you have 13,600 running meters (m1)</p>	<p>Labor quantities are correct. We will issue an amendment to the RFB with an amended BOQ, where quantities of materials for these items will be corrected as suggested.</p>

	<p>in the Bill of Quantities which represents <math>13,600 \times 0.994 \text{ kg/m}^1 = 13,519 \text{ kg}</math>. In the procurement part of the Bill of Quantities you have 1,310,000 kg.</p> <p>Or the Labor quantities need correction or the procurement quantities (materials) need correction, please advise which is applicable</p>	
05/20/19	<p><u>Plasterwork of concrete works:</u></p> <p>Lot 1: In the Labor part you have 2,647 m2 concrete plasterwork in the Bill of Quantities but in the procurement part of the Bill of Quantities you have zero (0) m2</p> <p>Lot 2: In the Labor part you have 5,293 m2 concrete plasterwork in the Bill of Quantities but in the procurement part of the Bill of Quantities you have zero (0) m2</p> <p>Lot 3: In the Labor part you have 7,940 m2 concrete plasterwork in the Bill of Quantities but in the procurement part of the Bill of Quantities you have zero (0) m2</p> <p>Please add the needed amount in the procurement part (materials) of the Bill of Quantities</p>	<p>Labor quantities are correct. We will issue an amendment to the RFB with an amended BOQ, where these missing items will be added and the quantities of materials that you suggested will be included.</p>
05/20/19	<p><b>External &amp; Internal Finishes:</b></p> <p>Lot 1: Painting of Roof interior including rafters in the Labor part of the Bill of Quantities is written 11,467 m2 and in the procurement part of the Bill of Quantities 380 gallon is mentioned. With 380 gallon of paint approx (380 x 32 m2) 12,160 m2 of area can be painted. This represents only 1 layer of paint. To paint the new and or existing roof areas the following paint advise is applicable:</p> <p>1 layer of primer and 2 layers of finishing paint. What will in</p>	<p>We take note of your comment. However, only 1 Layer shall be painted.</p>

this case be applicable, 3 layers of paint work which means the quantities of paint (gallons) need to be adjusted OR will it be accepted that 1 layer of primer paint is applied which will not cover the woodwork. Please advise and or adjust.

Lot 2: Painting of Roof interior including rafters in the Labor part of the Bill of Quantities is written 22,933 m2 and in the procurement part of the Bill of Quantities 760 gallon is mentioned. With 760 gallon of paint approx (760 x 32 m2) 24,320 m2 of area can be painted. This represents only 1 layer of paint. To paint the new and or existing roof areas the following paint advise is applicable:

1 layer of primer and 2 layers of finishing paint. What will in this case be applicable, 3 layers of paint work which means the quantities of paint (gallons) need to be adjusted OR will it be accepted that 1 layer of primer paint is applied which will not cover the woodwork. Please advise and or adjust.

Lot 3: Painting of Roof interior including rafters in the Labor part of the Bill of Quantities is written 34,400 m2 and in the procurement part of the Bill of Quantities 1,140 gallon is mentioned. With 1,140 gallon of paint approx (1,140 x 32 m2) 36,480 m2 of area can be painted. This represents only 1 layer of paint. To paint the new and or existing roof areas the following paint advise is applicable:

1 layer of primer and 2 layers of finishing paint. What will in this case be applicable, 3 layers of paint work which means the quantities of paint (gallons) need to be adjusted OR will it be accepted that 1 layer of primer paint is applied which will not cover the woodwork. Please advise and or adjust.

05/20/19	<p><b>Guttering &amp; Downspouts:</b></p> <p>Lot 1: Installation of guttering plus brackets 2,800 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 2,820 m1 is written</p> <p>Lot 2: Installation of guttering plus brackets 5,600 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 5,640 m1 is written</p> <p>Lot 3: Installation of guttering plus brackets 8,400 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 8,460 m1 is written</p> <p>Which amount needs to be adjusted?</p>	<p>Labor quantities are correct. We will issue an amendment to the RFB with an amended BOQ, where material quantities will be adjusted according to labor (2800, 5600 and 8400 m1 will be used).</p>
05/20/19	<p>Lot 1: Installation of pvc downspouts plus brackets 1,600 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 1,543 m1 is written</p> <p>Lot 2: Installation of pvc downspouts plus brackets 3,200 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 3,087 m1 is written</p> <p>Lot 3: Installation of pvc downspouts plus brackets 4,800 m1 is written in the Labor part of the Bill of Quantities and in the procurement part 4,630 m1 is written</p> <p>Which amount needs to be adjusted?</p>	<p>Labor quantities are correct. We will issue an amendment to the RFB with an amended BOQ, where material quantities will be adjusted according to labor (1600, 3200 and 4800 m1 will be used).</p>
05/20/19	<p><b>Electrical works:</b></p> <p>Lot 1: Supply all wiring (as per GEBE specifications) for surface mounted duplex 110V outlets, In the procurement side of the Bill of Quantities is written 6,667 m1 of wiring although at the Labor side of the Bill of Quantities only the</p>	<p>We keep the total 6,667 m1 wiring.</p>

	quantity of 10 houses is given. This means approx 666.70 m1 per house need to be installed which seems not correct. Which amount need to be corrected?	
05/20/19	Lot 2: Supply all wiring (as per GEBE specifications) for surface mounted duplex 110V outlets, In the procurement side of the Bill of Quantities is written 13,333 m1 of wiring although at the Labor side of the Bill of Quantities only the quantity of 20 houses is given. This means approx 666.70 m1 per house need to be installed which seems not correct. Which amount need to be corrected?	We keep the total 13,333 m1 wiring.
05/20/19	Lot 3: Supply all wiring (as per GEBE specifications) for surface mounted duplex 110V outlets, In the procurement side of the Bill of Quantities is written 20,000 m1 of wiring although at the Labor side of the Bill of Quantities only the quantity of 30 houses is given. This means approx 666.70 m1 per house need to be installed which seems not correct. Which amount need to be corrected?	We keep the total 20,000 m1 wiring.
05/20/19	1. What are the exact quantities of homes that needs repair? In the BOQ it's 400 homes in total divided in 3 lots.	Please see the "Responses to Requests for Clarifications Nr. 1" for a complete discussion about the number of houses to be repaired. Please note that the BOQ includes 200 houses in the case of three (3) lots.
05/20/19	2. What are the expected start date of these homes?	Please see the "Responses to Requests for Clarifications Nr. 1" for a complete discussion about the start dates for each Section of the Works.
05/20/19	3. Do we also have to provide you with Day schedule rates in BOQ?	Yes
05/20/19	4. Site visit of 15 homes are samples of same conditions of the other 385 homes?	Approximately, yes.
05/20/19	5. Will Peel & Seal be included in the BOQ? Because Peel	Yes. Peel and Seal will be included. We will issue an

	& Seal is also a material that is used for installing roofs.	amendment to the RFB with and amended BOQ, where these missing items will be added.
05/20/19	6. In many homes of senior citizens their interior doors that are 28 inches, which should be 36 inches instead, in order for senior citizens to move around comfortable in their homes, seeing that some of these folks are in wheelchairs.	If there will be such conditions as per the Assessment Reports, the doors may be adjusted accordingly with the approval of the Employer and further priced by the Contractor when pricing each Section of the Works.
05/20/19	7. Is the appointed Adjudicator familiar with building laws etc and situation on the the islands?	Please see the information about the proposed Adjudicator in ITB 49.
05/21/19	<p>I assume that the houses in Lot 1 (67 units), Lot 2 ( 133 units) and Lot 3 (200 units) are all identified and translated into the Bill of Quantities.</p> <p>Can you email to me the areas of Lot 1, Lot 2 and Lot 3 and if possible the so called 'meetbrief numbers' belonging to the various objects so we are able to analyze the spread of the objects, to determine a plan of approach and identifying clusters in which the construction work needs to be realized in relation the available amount of construction time which is limited. If possible I would like to receive this shortly and before we do the 2 days walk around at the various objects.</p>	<p>Please see the "Responses to Requests for Clarifications Nr. 1" for a complete discussion about the number of houses to be repaired.</p> <p>As per the location of the houses, please see GCC 14.1, which indicates: "Site Data are: The list of houses to be assessed by the Assessment Consultant will be provided to interested bidders upon request per email at least 15 days prior to bid opening."</p> <p>Please also note Specifications, RFB Amendment Nr. 2, 3.- HOUSE ASSESSMENTS, which provides a revised explanation as to how houses will be allocated to lots</p>
05/21/19	<p>In the Bill of Quantities part Labor Costs under "Concrete &amp; Steel works" point 5 the dimension is given in 'houses'. To establish a unit rate for this dimension is rather awkward for example:</p> <p>Lot 1: Site mix to specifications, concrete and pour: houses 67 how many concrete is needed?</p> <p>Lot 2: Site mix to specifications, concrete and pour: houses 133 how many concrete is needed?</p> <p>Lot 3: Site mix to specifications, concrete and pour: houses 200 how many concrete is needed?</p>	Agreed. We will issue an amendment to the RFB with an amended BOQ, where labor quantities will be adjusted as you suggested.

In the Bill of Quantities part material under “Concrete & Steel works” at point 6 the dimension is in m3 for which a unit rate can be established. This item is related to the Labor Costs part so my proposal is to make the following change in the Bill of Quantities part “Labor Costs”:

- Lot 1: Site mix to specifications, concrete and pour: houses 67 change into 247 m3
- Lot 2: Site mix to specifications, concrete and pour: houses 133 change into 493 m3
- Lot 3: Site mix to specifications, concrete and pour: houses 200 change into 740 m3

05/21/19 What is meant with “Nominal quantity (USD \$)?

Understood. We will issue an amendment to the RFB with an amended BOQ, where the table will be corrected as below:

Item no.	Description	Unit	One (1) lot		
			Nominal quantity (USD \$)	Daily Rate	Extended amount (USD \$)
1	Banksman / Spotter	per day	50		
2	Carpenter	per day	50		
3	Driver	per day	50		
4	Electrician	per day	50		
5	Equipment Operator	per day	50		
6	Loader	per	50		

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			day						
7	Mason	per day	50						
8	Painter	per day	50						
9	Plumber	per day	50						
10	Skilled Labor	per day	50						
11	Unskilled Labor	per day	50						

"Daily Rate" = the calculated hour rate times 8 hours?  
 "Extended amount (USD \$) what is meant with this?  
 Above questions are equal for Lot 2 and Lot 3

7	Mason	per day	50		
8	Painter	per day	50		
9	Plumber	per day	50		
10	Skilled Labor	per day	50		
11	Unskilled Labor	per day	50		

"Nominal Quantity": As described in RfB / Section 4 - Bidding Forms / Daywork Schedule /General.  
 "Daily Rate" is: the daily rate of the worker. If the law permits for 8 hrs., then it is 8 hrs.  
 "Extended Amount": "Nominal Quantity" x "Daily Rate"

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