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**ANNEX**

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**February 7, 2021**

**Attn. Bidders**

**HFO Fuel Tank Repair  
Garden of Eden, East Bank Demerara**

**Bid Number GPL-PD-008-2021**

**ADDENDUM No. 02**

**Stairs Treads Plate and Roof Plates**

**Please find attached Addendum No. 02 for Bid No. GPL-PD-008-2021. This addendum now forms part of the bid documents and must be included in your bid submission.**

**Should you require further clarifications, please contact Mr. Julien Reddi, Mechanical Engineer ([jreddi@gplinc.com](mailto:jreddi@gplinc.com)) and copy to Mr. Lennox McGregor, Program Manager, Major Projects Department, Guyana Power & Light Inc., 257/259 Middle Street, Cummingsburg, Georgetown, E-mail: [lmcgreggor@gplinc.com](mailto:lmcgreggor@gplinc.com), Tel. 623-8148 or 225-4244**

**Thank you.**

**Yours Sincerely  
GUYANA POWER & LIGHT INC.**

A handwritten signature in black ink, appearing to read "Lennox McGregor".

**Mr. Lennox McGregor  
Program Manager**



**HFO Fuel Tank Repair  
Garden of Eden, East Bank Demerara**

**Bid Number GPL-PD-008-2021**

**ADDENDUM No. 02**

**Revised Quantity for Roof Plate and Stair Tread Thickness**

**This addendum serves to amend the following bills:**

- 1. Bill B – Tank Roof and Rafters**  
Item 2.1, 3.2 and 4.2 quantity have been revised to 150 m<sup>2</sup>.
- 2. Bill E- Tank Stairs and Rails**  
Item 5.1 – Chequered plate thickness is now changed to 6 mm.

**Kindly remove Bill B and E from the original BOQ and replace with new ones attached here.**

**These additions have been uploaded and can be accessed via Guyana Power and Light Inc. web portal.**



**Bill of Quantities**

**Bill B: Tank Roof and Rafters**

Item #	Description	Unit	Qty	Rate (GYD)	Amount
<b>1</b>	<b><u>General Note</u></b>				
1.1	All rates must include for transportation, materials, labour, machinery and equipment, scaffolding, fall protection equipment, taxes, overheads and profits.				
<b>2</b>	<b><u>Cutting and Removing</u></b>				
2.1	Cut and remove roof plate (approximately 6mm) on tank. The plates removed shall be stored away at nearby location within 50 meter radius as directed by the company designated engineer or representative.	m <sup>2</sup>	150		
<b>3</b>	<b><u>Replacing of roof plates</u></b>				
3.1	Allow for cleaning of roof rafters. Cleaning shall be done in accordance to SSPC guidelines.	sum			
3.2	Cut/trim, form, weld 3/16" thick (6 mm) mild steel plate to the required shape and dimesions to suit existing design parameters for roof.	m <sup>2</sup>	150		
3.3	Allow for cleaning of new roof plates for application of paint.	sum			
<b>4</b>	<b><u>Protective Coating</u></b>				
4.1	Apply two coats only of zinc chromate primer to roof supports rafters.	sum			
4.2	Apply one coat of epoxy primer and one coat epoxy polyimide resin (color gray) to roof plates.	m <sup>2</sup>	150		
<b>5</b>	<b><u>Roof Appurenances</u></b>				
5.1	Fabricate and install one centre circulation vent. See drawing # 2.	item	1		
5.2	Fabricate and install two manhole (180 degree apart) attachment 600 mm diameter with all necessary gaskets, bolts, nuts, washers, handles. See drawing # 1.	item	2		
5.3	Apply one coat primer and one coat epoxy polyimide resin (color gray) to items 5.1 and 5.2.				
<i>Subtotal</i>					\$ -



**Bill of Quantities**

**Bill E: Tank Stairs and Rails**

Item #	Description	Unit	Qty	Rate (GYD)	Amount
<b>1</b>	<b><u>General Note</u></b>				
1.1	All rates must include for transportation, materials, labour, machinery and equipment, scaffolding, fall protection equipment, taxes, overheads and profits.				
<b>2</b>	<b><u>Cut and Remove Existing Stairs and Rails</u></b>				
2.1	Cut and remove existing circumferential stairs, platform, rails and any other attachments/fixtures related to stairs, rails and platform for its' complete removal. Stairs are approximately 710 mm X 215 mm (approximately 72 treads) with four platforms which welded securely to tank.	Sum			
<b>3</b>	<b><u>Tank Treads and Platform</u></b>				
3.1	Fabricate, form, weld, and install 6 mm mild steel chequered plate for stair treads and platform. See drawing # 3. Stair treads shall be welded securely to tank shell.	m <sup>2</sup>	19		
3.2	Fabricate and weld W 10 x 22 " I-sections for platform beams. See drawing # 4. I-sections shall be welded securely to tank shell.	m	10		
3.3	Cut and weld 75 x 75 x 6 (mm) M/S angle iron as struts on platforms. See drawing # 3 and at intermediate treads to be indentified by GPL engineer or representative.	m	22		
3.4	Apply two coat of antirus zinc chromate (yellow) to all steel works for treads and platform.	m <sup>2</sup>	80		
<b>4</b>	<b><u>Rails for Stairs and Platform</u></b>				
4.1	Fabricate, weld and install 40 mm galvanized steel for posts, top, intermediate and hand rails of stairs. See drawing # 3. Posts shall be welded securely to stairs treads and platforms.	m	50		
4.2	Supply mild steel 1/4" x 4" plate as toe board on platform as detailed on drawing # 3.	m	5		
4.3	Apply two coat of antirus zinc chromate (yellow) to all steel works for rails.	sum			
<b>5</b>	<b><u>Stile</u></b>				
5.1	Fabricate, weld and install 6 mm mild steel chequered plate for stair treads and platform. See drawing # 4. Stair treads shall be welded securely to stingers.	m <sup>2</sup>	17		
5.2	Fabricate, weld and install 8" C-sections for stair stringers and platform support. See drawing # 4.	m	13		



**Bill of Quantities**

**Bill E: Tank Stairs and Rails**

5.3	Fabricate, weld and install 40 mm galvanized steel for posts, top, intermediate and hand rails of stairs. See drawing # 4. Posts shall be welded securely to stairs treads and platforms.	m	12		
5.4	Supply mild steel 1/4" x 4" plate as toe board on platform. See drawing # 4.	m	3		
5.5	Apply two coat of antirus zinc chromate (yellow) to all steel works for rails.	sum			
<i>Subtotal</i>					\$ -