

**BILLS OF QUANTITIES**

**CLIENT: GUYANA POWER AND LIGHT INC.**  
**CONSTRUCTION OF R.C. SURFACE FOR THE STORAGE**  
**PROJECT: OF TRANSFORMERS AT SOPHIA COMPLEX, GREATER GEORGETOWN**



**SUMMARY OF BILLS**

<b>BILL No.</b>	<b>DESCRIPTION</b>	<b>AMOUNT</b>
1	PRELIMINARIES	
2	R.C. SLAB	
	<b>SUB TOTAL</b>	
	<b>Contingency (10%)</b>	
<b>GRAND TOTAL TO FORM TENDER</b>		

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**BILL No.1: PRELIMINARIES**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>RATE</b>	<b>AMOUNT</b>
1.1	Provide the means of access to site and mobilize equipment and personnel and demobilize same at the completion of the works	Sum	...	...	
1.2	Allow for Performance Bond (In the amount of 15% of contract sum) to cover both the construction and defects liability period.	Sum	...	...	
1.3	Allow for Mobilization Advance Bond (In the amount of 30% of contract sum)	Sum	...	...	
1.4	Allow for insurance to cover against damages to the works, plant and materials during the entire contract period (Contractor's All Risk Insurance)	<b>Reim.</b>	...	...	<b>\$250,000</b>

	during the entire contract period (Contractor's All Risk Insurance)	Sum			
1.5	Provide for the protection of all sections of work from the inclement weather. If works are deemed damaged by the Engineer because of the weather the Contractor will have to replace those materials at his own expense.	Sum	...	...	
1.6	Allow for all necessary safety signs, safety tapes, barricades etc. to be used during the contract period, same must be removed after project is completed.	Sum	...	...	
<b>BILL NO. 1 - TOTAL CARRIED TO SUMMARY</b>					

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**BILL No.2: R.C. SLAB**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2.1	Scarify and level existing area.	Sq.yd	2,345		
2.2	Supply, place, grade, shape and compact First Grade, 2" minus crusher run to entire area, compacted to 95% - 98% proctor density, 3" thk.	Cu.yd	200		
2.3	Supply and install rough formwork for R.C. slab. Rate is inclusive of straps, pickets, etc.	Sq.yd	4		
2.4	Supply and install 500 DPM before BRC is placed, rate to cater for appropriate laps.	Sq.yd	2,350		
2.5	Supply and install No. 65 BRC to all slabs, rate to cater for all necessary laps.	Sq.yd	1,345		
2.6	Supply, place and compact 4" thk. "Ready Mixed" structural concrete 4,500 PSI at 28 days using 3/4" minus aggregates to slab	Cu.yd	260		
2.7	Supply and install 1/2" dia x 12" long starter bars @ 16" ctrs for HCB kerb to the eastern and southern sides.	Lbs	165		
2.8	Supply and place in stretcher bond 4" x 8" x 16" Hollow Core Block [800 psi minimum] for kerb wall with a 1/2" thick mortar [1:2 mortar] joints to all sides. Block	Sq.yd	13		
2.9	Provide for rendering of external surface of HCB wall using 1:4 concrete mix (1/2" thk)	Sq.yd	26		

2.1	Allow for the construction of speed hump below the existing gate using structural concrete (same as slab). Same should measure 24" wide x 8" high x 20' long	Nr	1		
2.11	Allow for removing and adjusting southern metal gate to allow for RC speed hump to be constructed below same. After same is completed gate must be functional.	Sum	...	...	
<b>BILL No. 2 - TOTAL CARRIED FORWARD</b>					

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ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>TOTAL BROUGHT FORWARD</b>					
2.12	Provide for the cutting of concrete slab for expansion joints. Same should measure: 1/2" wide x 1 1/2" depth minimum @ 15' ctrs. The recommended method is by cutting the concrete after same is poured or any other method as recommended by the Engineer.	Ln.ft	2,600		
2.13	Provide for the installation of 1/2" thk x 3/4" depth PEJF/equivalent joint fill backing rod material and seal same with DEKO/equivalent waterproof expansion joint sealant material between 15' sections. Rate is inclusive of gun to be used with sealant material.	Ln.ft	2,600		
<b>BILL No. 2 - TOTAL CARRIED TO SUMMARY</b>					