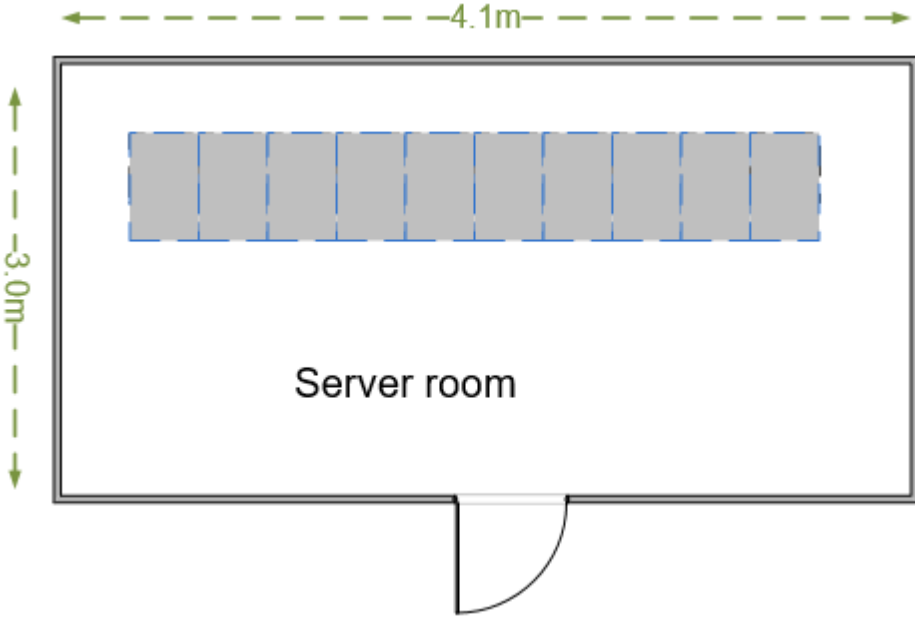


**ADDENDUM 6: Layout for Kumasi DR**

**Floor Layout : Kumasi DR site**



**ADDENDUM 7:**

**STORAGE FOR DATA CENTER: Tentative/ minimum storage requirement as per the traffic may be indicated for having baseline for evaluation.**

<b>SERVER NAME</b>	<b>MEMORY CAPACITY</b>	<b>% UTILIZATION</b>	<b>HARD DRIVE SIZE</b>	<b>USED SPACE</b>	<b>PROCESSOR</b>
SERVER1	192 GB	61	7.52 TB	5.42 TB	2.60GHZ
SERVER2	32 GB	78.75	1.08 TB	250 GB	2.30ghz
SERVER3	32 GB	41.88	1.08 TB	463 GB	2.30ghz
SERVER4	192 GB	52.1	12.64 TB	230 GB	2.60GHZ
SERVER5	192 GB	65	5.47 TB	260 GB	2.60GHZ
SERVER6	192 GB	40.3	6.01 TB	4.6 TB	2.60GHZ
SERVER7	176 GB	148	12.64 TB	640 GB	2.60GHZ
SERVER8	192 GB	26.86	4.04 TB	2.34 TB	2.60GHZ
SERVER9	192 GB	37.5	4.52 TB	2.06 TB	2.60GHZ
SERVER10	128 GB	97.7	3.83 TB	3.294 TB	2.60GHZ
SERVER11	128 GB	56.9	5.62 TB	3.86 TB	2.60GHZ
SERVER12	128 GB	72.3	6.82 TB	4.21 TB	2.60GHZ
SERVER13	128 GB	87	6.55 TB	4.61 TB	2.60GHZ
SERVER14	16 GB	37.5	1.1 TB	435 GB	2.33GHZ
SERVER15	24 GB	6.25	1.82 TB	80 GB	2.60GHZ
SERVER16	64 GB	4.2	600 GB	557 GB	2.40GHZ
SERVER17	64 GB	21.3	600 GB	438 GB	2.40GHZ
SERVER18	256 GB	58.2	1.09 TB	90 GB	2.60GHZ
SERVER19	256 GB	5.9	1.09 TB	160 GB	2.60GHZ
SERVER20	192 GB	78.9	11.38 TB	3.69 TB	2.60GHZ
SERVER21	192 GB	3.1	11.27 TB	5.89 TB	2.60GHZ
SERVER22	192 GB	56.01	9.09 TB	6.14 TB	2.60GHZ
SERVER23	192 GB	59.2	11.37 TB	9.194 TB	2.60GHZ
SERVER24	48 GB	36.5	1.824 TB	124 GB	2.40GHZ
SERVER25	192 GB	28.6	4 TB	1.61 TB	2.60GHZ
SERVER26	32 GB	48.4	836 GB	654 GB	2.33GHZ
SERVER27	384 GB	28.1	300 GB	257 GB	2.60GHZ
SERVER28	384 GB	42.9	300 GB	238 GB	2.60GHZ
SERVER29	128 GB	22.1	2.371 TB	1.876 TB	2.3GHZ
SERVER30	124 GB	32.3	2.371 TB	1.99 TB	2.60GHZ
SERVER31	12 GB	60	398 GB	314 GB	2.33GHZ
SERVER32	65 GB	50	1.6 TB	1.55 TB	2.33GHZ
SERVER33	128 GB	85	6.54 TB	207.19 GB	2.60GHZ
SERVER34	256 GB	57	1.2 TB	240 GB	2.60GHZ
SERVER35	256 GB	59	1.2 TB	223.02 GB	2.60GHZ
SERVER36	256 GB	49	1.2 TB	341 GB	2.60GHZ
SERVER37	256 GB	50.2	1.2 TB	406.2 GB	2.60GHZ
SERVER38	256 GB	51.03	1.2 TB	391 GB	2.60GHZ

SERVER39	64GB	29.6	550.75GB	2.2GB	2.60GHZ
SERVER40	64GB	73	550.75	2.45GB	2.60GHZ
SERVER41	64GB	71.3	1.4TB	519GB	2.60GHZ
SERVER42	64GB	69.2	1.4TB	521GB	2.60GHZ
SERVER43	64GB	68	1.4TB	622.3GB	2.60GHZ
SERVER44	64GB	77	1.4TB	599GB	2.60GHZ
SERVER45	64GB	72	1.4TB	600GB	2.60GHZ
SERVER46	64GB	64.3	1.4TB	648GB	2.60GHZ
SERVER47	64GB	68	1.4TB	543GB	2.60GHZ
SERVER48	64GB	66.23	1.4TB	601GB	2.60GHZ
SERVER49	64GB	65.1	1.4TB	675GB	2.60GHZ
SERVER50	64GB	69.89	1.4TB	509GB	2.60GHZ
SERVER51	64GB	74	1.4TB	511GB	2.60GHZ
SERVER52	64GB	73.1	1.4TB	572GB	2.60GHZ
SERVER53	64GB	21	1.81TB	956GB	2.10GHZ
SERVER54	64GB	24	1.81TB	899GB	2.10GHZ
SERVER55	64GB	20	1.81TB	908GB	2.10GHZ
SERVER56	64GB	22.1	1.81TB	1.226TB	2.10GHZ
SERVER57	64GB	21	1.81TB	1.1TB	2.10GHZ
SERVER58	64GB	26	1.81TB	967TB	2.10GHZ
SERVER59	64GB	25.03	1.81TB	943TB	2.10GHZ
SERVER60	64GB	23.1	1.81TB	899TB	2.10GHZ
SERVER61	189GB	69	300GB	280GB	3.50GHZ
SERVER62	62GB	78.3	300GB	277GB	3.0GHZ
SERVER63	62GB	78.34	300GB	278GB	3.0GHZ
SERVER64	30GB	57	1TB	896GB	3.0GHZ
SERVER65	7GB	88	720GB	563GB	2.33GHZ
SERVER66	64GB	56	2TB	1TB	2.60GHZ
SERVER67	32GB	64	1.8TB	978GB	3.6GHZ
SERVER68	32G	72	1.2TB	705GB	3.6GHZ
SERVER69	32GB	68	600GB	430GB	2.60GHZ
SERVER70	32GB	28	600GB	320GB	2.60GHZ
SERVER71	32GB	69	600GB	465GB	2.60GHZ
SERVER72	32GB	56.3	1.TB	367GB	2.60GHZ
SERVER73	64GB	39	1.6TB	1.1TB	3.6GHZ
SERVER74	32GB	28	1.8TB	799GB	3.6GHZ
SERVER75	64GB	39	730GB	420GB	2.33GHZ
SERVER76	128GB	41	12TB	2.4TB	3.6GHZ
SERVER77	128GB	38.2	12TB	2.29TB	3.6GHZ
SERVER78	128GB	31	12TB	2.71TB	3.6GHZ
SERVER79	64GB	62	14TB	8TB	3.6GHZ
SERVER80	32GB	32.3	600GB	391GB	3.6GHZ
SERVER81	32GB	29	600GB	420GB	3.6GHZ
SERVER82	64GB	42.11	6TB	2.91TB	3.6GHZ
SERVER83	32GB	44	2TB	891GB	2.33GHZ

SERVER84	16GB	50	500GB	280GB	2.20GHZ
SERVER85	16GB	57	500GB	250GB	2.20GHZ
SERVER86	16GB	61	500GB	240GB	2.20GHZ
SERVER87	32	50	500GB	271GB	2.20GHZ
SERVER88	8GB	70	26.26TB	20.5TB	3.30GHZ
SERVER89	4GB	71	69.9TB	59.1TB	3.40GHZ
SERVER90	8GB	69			

**ADDENDUM 8 - Bandwidth of each regional office**

<b>Regional Office</b>	<b>Bandwidth</b>
Accra East	1Gbps
Accra West	1Gbps
Ashanti SBU HQ	20Mbps shared ring on Telco1 (Main), 10Mbps on Telco2 (Backup)
Ashanti Adum Office	20Mbps shared ring on Telco1(Main), 10Mbps on Telco2(Backup); shared with Ashanti SBU HQ
Central	20Mbps shared ring on Telco1(Main), 4Mbps on Telco2(Backup)
Eastern	20Mbps shared ring on Telco 1(Main), 4Mbps on Telco2 (Backup)
Tema	1Gbps on ECG (Main), 20Mbps Shared ring on Telco1 (Backup)
Volta	4Mbps on Vodafone Telco2
Western	20Mbps Shared ring on Telco1 GridCo (Main), 4Mbps on Telco2 (Backup)

**ADDENDUM 9****Address of each regional office**

<b>ECG OPERATIONAL REGIONS</b>	<b>LOCATION</b>	<b>GPS CORDINATES</b>	
		<b>Latitude</b>	<b>Longitude</b>
<b>ACCRA EAST</b>	Makola	5.54795	-0.20395
<b>ACCRA WEST</b>	Avenor	5.57926	-0.22062
<b>TEMA</b>	Tema, Community 2	5.6394	-0.00803
<b>ASHANTI ADUM OFFICE</b>	Kumasi, Adum	6°41'24.69"N	1°37'24.14"W
<b>ASHANTI SBU HQ</b>	Kumasi, Airport Roundabout	6.708195	-1.60656
<b>WESTERN</b>	Takoradi	4.88911	-1.74984
<b>CENTRAL</b>	Cape Coast	5°34'43.64"N	1° 0'15.16"W
<b>EASTERN</b>	Koforidua	6.09678	-0.25856
<b>VOLTA</b>	Ho	6.611687	-0.4626487

## ADDENDUM 10

### Address of each branch office

ECG OPERATIONAL REGIONS	LOCATION	GPS COORDINATES		NO. OF OFFICES	TOTAL OFFICES
		Latitude	Longitude		
					This Number does not include a total of about 213 Revenue Collection Points and Customer Service Centers throughout the operational areas
HEADQUARTERS	Projects Office (Head Office Annex)	5°34'1.10"N	0°13'10.00"W	8	140
	Sub Transmission /Station G	5°32'50.21"N	0°12'21.10"W		
	Tema Materials Depot	5°38'52.23"N	0°18.56"E		
	Aluworks Warehouse				
	Tema Bonded Warehouse	5°40'20.53"N	0°1'16.64"W		
	Heritage Towers	5°33'24.88"N	0°12'5.19"W		
	Electro-Volta House (Corporate Head Office)	5°32'58.44"N	0°11'40.92"W		
	Tema Training School	5°39'26.86"N	0°0'58.37"W		

<b>ACCRA EAST</b>	<b>Accra East Regional Office and South East District Office (Makola)</b>	<b>5.54795</b>	<b>-0.20395</b>	<b>8</b>
	<b>North East District Office - Legon</b>	<b>5.655596</b>	<b>-0.180606</b>	
	<b>Mampong District Office</b>	<b>5°55'4.19"N</b>	<b>0°8'8.56"W</b>	
	<b>Roman Ridge District Office</b>	<b>5°35'54.23"N</b>	<b>0°11'32.03"W</b>	
	<b>Teshie District Office</b>	<b>5.6033</b>	<b>-0.12084</b>	
	<b>Osu CSC (near Papaye)</b>			
	<b>Kwabanya District Office</b>	<b>5.66742</b>	<b>-0.23473</b>	
	<b>Dodowa District Office</b>	<b>5°53'16.30"N</b>	<b>0°5'49.63"W</b>	
<b>ACCRA WEST</b>	<b>Accra West Regional Office</b>	<b>5.57926</b>	<b>-0.22062</b>	<b>10</b>
	<b>Regional Stores</b>			
	<b>South West District Office - Korle Bu</b>	<b>5.53492</b>	<b>-0.2333</b>	
	<b>North West District Offices - Achimota</b>	<b>5.63921</b>	<b>-0.24229</b>	
	<b>Nsawam District Office</b>	<b>5.807</b>	<b>-0.344333</b>	
	<b>North Ridge CSC</b>			
	<b>Dansoman District Office</b>	<b>5.54075</b>	<b>-0.265139</b>	
	<b>Dansoman Market CSC</b>			
	<b>Kaneshie District Office</b>	<b>5.57926</b>	<b>-0.22062</b>	
	<b>Ablekuma District Office</b>	<b>5°37'19.14"N</b>	<b>0°18'3.02"W</b>	
<b>TEMA</b>	<b>Tema Regional Office</b>	<b>5.6394</b>	<b>-0.00803</b>	<b>18</b>
	<b>Tema Regional Stores</b>			
	<b>Timber Market CSC</b>			
	<b>Tema Station H</b>			
	<b>Tema South District Office</b>	<b>5°38'28.42"N</b>	<b>0°0'15.91"W</b>	
	<b>Kpone CSC</b>			
	<b>Community 22 CSC</b>			
	<b>Tema North District Office</b>	<b>5°40'17.22"N</b>	<b>0°1'16.50"</b>	



			W	
	Mataheko CSC			
	Nungua Old Township CSC			
	Sakumono CSC			
	Sege CSC			
	Nuaso CSC			
	Prampram District Office	5.71048	0.10977	
	Nungua District Office	5°38'30. 32"N	0° 3'31.35" W	
	Afiencya District Office	5.80127	0.00595	
	Ada District Office	5.80495	0.61544	
	Krobo District Office - Somanya	6° 6'3.60" N	0° 1'28.31" W	
ASHANTI SBU	Adum Office	6°41'24. 69"N	1°37'24. 14"W	27
	Abuakwa Business Center	6.67693	-1.63871	
	Suame Business Center	6.69019 1	- 1.623371	
	Gyinaase CSC			
	Danyame Business Center	6.67669 3	-1.63875	
	Juaso CSC			
	Ashanti SBU Workshop	6°41'21. 93"N	1°37'34. 82"W	
	Obuasi Business Center	6°12'20. 67"N	1°40'14. 06"W	
	Hemang CSC			
	Dunkwa Business Center	5°57'40. 54"N	1°46'29. 96"W	
	New Edubiase Business Center	6° 3'38.81 "N	1°23'34. 15"W	
	Bekwai Business Center	6.45574 9	- 1.581943	
	Kuntense CSC			
	Offinso Business Center	6.45574 9	- 1.581943	
	Agogo CSC			
	Ashanti SBU Headquarters/	6.70819	-1.60656	

	<b>Manhyia Business Center</b>	<b>5</b>		
	<b>Boadi Warehouse</b>			
	<b>Bantama CSC</b>			
	<b>Anwomaso BSP</b>			
	<b>Konongo Business Center</b>	<b>6.62374</b>	<b>-</b>	
		<b>9</b>	<b>1.218264</b>	
	<b>Ayigya Maxima CSC</b>			
	<b>Ejisu CSC</b>			
	<b>Effiduase Business Center</b>	<b>6.84460</b>	<b>-</b>	
		<b>9</b>	<b>1.390689</b>	
	<b>Mampong Business Center</b>	<b>7.00963</b>	<b>-</b>	
		<b>7</b>	<b>1.396414</b>	
	<b>Kwabre Business Center</b>	<b>6.75462</b>	<b>-</b>	
		<b>6</b>	<b>1.599366</b>	
	<b>Ayigya Business Center</b>	<b>6.55658</b>	<b>-1.5812</b>	
	<b>Asokwa Business Center</b>	<b>6.67552</b>	<b>-</b>	
		<b>4</b>	<b>1.603218</b>	
<b>WESTER N</b>	<b>Western Regional Office/ Takoradi District Office</b>	<b>4.88911</b>	<b>-1.74984</b>	<b>16</b>
	<b>Regional Stores (Ewusiejoe)</b>			
	<b>Takoradi Control Center (Freezones)</b>			
	<b>Sekondi District Office</b>	<b>4.93469</b>	<b>-</b>	
		<b>1</b>	<b>1.710278</b>	
	<b>Bibiani District Office</b>	<b>6°27'22.</b>	<b>2°19'12.</b>	
		<b>28"N</b>	<b>25"W</b>	
	<b>Shama CSC</b>			
	<b>Sefwi Wiawso District Office</b>	<b>6°12'23.</b>	<b>2°29'23.</b>	
		<b>72"N</b>	<b>93"W</b>	
	<b>Juabeso District Office</b>	<b>6°20'31.</b>	<b>2°49'49.</b>	
		<b>34"N</b>	<b>37"W</b>	
	<b>Enchi District Office</b>	<b>5°49'42.</b>	<b>2°49'13.</b>	
		<b>56"N</b>	<b>73"W</b>	
	<b>Asankrangwa District Office</b>	<b>5°48'59.</b>	<b>2°26'1.3</b>	
	<b>15"N</b>	<b>6"W</b>		
<b>Tarkwa District Office</b>	<b>5°17'59.</b>	<b>1°59'56.</b>		
	<b>53"N</b>	<b>47"W</b>		
<b>Axim District Office</b>	<b>4°56'38.</b>	<b>2°20'36.</b>		
	<b>58"N</b>	<b>82"W</b>		
<b>Bogoso Old CSC</b>				
<b>Half Assini District Office</b>	<b>5°</b>	<b>2°52'23.</b>		
	<b>2'53.48</b>	<b>59"W</b>		
	<b>"N</b>			
<b>Bogoso District Office</b>	<b>5°</b>	<b>1°59'52.</b>		

		32'55.8 "N	6''W	
	Agona Nkwanta District Office	4°53'27. 92''N	1°57'36. 05''W	
<b>CENTRAL</b>	Central Regional Office	5°34'43. 64''N	1° 0'15.16'' W	15
	Regional Warehouse			
	Cape Coast Control Center			
	Breman Asikuman District Office	5.11492	-1.24314	
	Elmina CSC (Elmina Junction)			
	Saltpond District Office	5.20644	-1.05814	
	Mankessim CSC			
	Ajumako District Office	5.42928	-0.9603	
	Abura CSC			
	Swedru District Office	5°31'31. 40''N	0°41'55. 11''W	
	Winneba District Office	5.37794 7	- 0.642004	
	Kasoa North District Office	5°32'0.8 9''N	0°25'31. 73''W	
	Kasoa South District Office	5°32'5.9 7''N	0°24'44. 79''W	
	Twifo Praso District Office	5°36'33. 59''N	1°32'48. 41''W	
Assin Fosu District Office	5°42'0.0 4''N	1°16'39. 11''W		
<b>EASTERN</b>	Eastern Regional Office	6.09678	-0.25856	16
	Nkawkaw District Office	6.55667 1	- 0.779696 9	
	Suhum District Office	6° 2'28.36 "N	0°26'34. 37''W	
	Kibi District Office	6° 9'29.60 8''N	0°33'32. 819''W	
	Anyinam CSC			

	Donkorkrom District Office	6° 2'28.36 "N	0°26'34. 37"W		
	Akwatia District Office	6° 2'28.36 "N	0°26'34. 37"W		
	Asamankese District Office	5°51'52. 63"N	0°40'7.3 9"W		
	Abetifi CSC				
	Akim Oda District Office	5°55'50. 30"N	0°58'46. 60"W		
	New Abirem District Office	6°20'34. 19"N	0°59'52. 19"W		
	Mpraeso District Office	6°34'32. 00"N	0°45'32. 00"W		
	Ofoase CSC				
	Akim Tafo District Office	6°13'22. 22"N	0°21'52. 45"W		
	Assesewa District Office	6°22'56. 64"N	0° 8'39.91" W		
	Begoro District Office	6°23'16. 19"N	0°22'35. 18"W		
<b>VOLTA</b>	Volta Regional Office/ Ho District Office	6.61168 7	0.462648 7	<b>14</b>	
	Kpando District Office	6.99739	0.300103 9		
	Aflao CSC				
	Hohoe District Office	7.14378	0.47694		
	Jasikan District Office	7.4098	0.45849		
	Akatsi District Office	6° 7'0.84" N	0°46'54. 66"E		
	Keta District Office	5°53'28. 57"N	0°59'5.8 2"E		
	Dzolokpuita CSC				
	Denu District Office	6° 5'56.77 "N	1° 8'57.31" E		
	Kpeve District Office	6°40'47. 99"N	0°19'36. 73"E		
	Sogakope District Office	6° 0'3.38" N	0°36'2.8 4"E		
	Dambai District Office	8° 3'58.50	0°10'44. 65"E		

		"N			
	Peki CSC				
	Nkwanta District Office	<b>8°15'39. 95"N</b>	<b>0°31'3.8 3"E</b>		