

FIRE EQUIPMENT - SCOPE OF WORK

The site has existing Conventional fire alarm system installed at the time of construction of the premise which is now nonfunctional. The team that reviewed the site further gave a breakdown of the existing accessories and recommendation for new ones. The team endeavors to maintain same locations of the existing system and further extend to the areas that were not covered

. SITE	ITEMS(EXISTING)	RECOMMENDATIONS
<p>C.R.C /CDC OFFICES</p>	<p>GENERAL SUMMARY OF EXISTING</p> <p>Fire alarm system</p> <ul style="list-style-type: none"> <input type="checkbox"/> Control panel (1) at the main office reception <ul style="list-style-type: none"> • Bells (8) <ul style="list-style-type: none"> I. At the reception-1 pc. II. Exit door ground floor- 1pc. III. 1st floor at the entry- 1pc. IV. Exit 1st floor -1pc, V. 2nd floor Entry -1pc, VI. Exit 2nd floor -1pc, VII. Lab area 1 -1pc, VIII. Lab area 2 -1pc, <input type="checkbox"/> Smoke detectors(41) <input type="checkbox"/> Manual call points(8) <p>GROUND FLOOR</p> <p>Existing distribution</p> <ul style="list-style-type: none"> <input type="checkbox"/> Reception area -1pc <input type="checkbox"/> Conference room(Akasia-)1pc <input type="checkbox"/> Pharmacy record room -1pc <input type="checkbox"/> Kitchen ground floor –standalone smoke detector -1pc <input type="checkbox"/> Waiting bay apartment standalone smoke detector -1pc <p>TOTAL (5Pcs)</p>	<p><input checked="" type="checkbox"/> The fire alarm system is non-functional due to short circuit of mother board; we therefore condemn the whole system and recommend a new addressable fire alarm system to be installed since we cannot guarantee the integrity of the existing accessories and cabling.</p> <p>The system will consist of the following:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Fire alarm system <input checked="" type="checkbox"/> Control panel(1) at the main office reception <input checked="" type="checkbox"/> Bells(8)-New bells to be installed same point as old ones <ul style="list-style-type: none"> <input type="checkbox"/> Heat detectors-(1) <input type="checkbox"/> Smoke detectors-(54) <input type="checkbox"/> Call points-(8) <p>GROUND FLOOR</p> <p>New lay out</p> <ul style="list-style-type: none"> <input type="checkbox"/> Smoke detectors at reception, conference room (Akasia), Pharmacy record room, waiting bay apartment, examination rooms-(8 pcs) in total. <input type="checkbox"/> Heat detector to be installed at Kitchen. <p>Total number of smoke detectors required-8 pcs</p> <p>Total number of heat detectors-1 pc</p> <p>Total call points require -2 pcs</p> <p>Total bells required-2pcs</p>

	<p>FIRST FLOOR Existing distribution</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1st floor right hand cubical-1pc <input type="checkbox"/> Hiss record room-1pc <input type="checkbox"/> Conference hall- 1pc <input type="checkbox"/> Corridor -1pc <input type="checkbox"/> Left hand side HIV-R -2pcs <p>TOTAL (6 Pcs)</p> <p>SECOND FLOOR Existing distribution</p> <ul style="list-style-type: none"> <input type="checkbox"/> Hiss data office 1pc <input type="checkbox"/> Waiting bay 1pc <input type="checkbox"/> HIV-R data office 1pc <input type="checkbox"/> HIV-R office 1pc <input type="checkbox"/> DGHT office 1 -1pc <input type="checkbox"/> Cubical room 1 -1pc <input type="checkbox"/> Hiss administration- 1pc <input type="checkbox"/> Hiss office -1pc <input type="checkbox"/> Cubical No. 4 -1pc <input type="checkbox"/> DGHT office 2 -1pc <input type="checkbox"/> DGHT office 3 -1pc <input type="checkbox"/> DGHT office 4 -1pc <input type="checkbox"/> Hiss Deputy branch chief officer - 1pc <input type="checkbox"/> Hiss chief branch officer -1pc <input type="checkbox"/> DGHT office No.5 -1pc <input type="checkbox"/> ICT office -1pc <input type="checkbox"/> ICT server room -1pc <p>TOTAL (17Pcs)</p>	<p>FIRST FLOOR New lay out</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1st floor right hand cubical-1pc <input type="checkbox"/> Hiss record room-1pc <input type="checkbox"/> Conference hall- 1pc <input type="checkbox"/> Corridor- 2pc <input type="checkbox"/> Left hand side HIV-R- 2pcs <p>Total number of detectors required-7 pcs</p> <p>Total call points require -2 pcs</p> <p>Total bells required-2pcs</p> <p>SECOND FLOOR New lay out</p> <ul style="list-style-type: none"> <input type="checkbox"/> Hiss data office -1pc <input type="checkbox"/> Waiting bay -1pc • <input type="checkbox"/> HIV-R data office -1pc <input type="checkbox"/> HIV-R office -1pc <input type="checkbox"/> DGHT office 1 -1pc <input type="checkbox"/> Cubical room 1 -1pc <input type="checkbox"/> Hiss administration -1pc <input type="checkbox"/> Hiss office -1pc <input type="checkbox"/> Cubical No. 4 -1pc <input type="checkbox"/> DGHT office 2 -1pc <input type="checkbox"/> DGHT office 3 -1pc <input type="checkbox"/> DGHT office 4 -1pc <input type="checkbox"/> Hiss Deputy branch chief officer -1pc <input type="checkbox"/> Hiss chief branch officer -1pc <input type="checkbox"/> DGHT office No.5 -1pc <input type="checkbox"/> ICT office -1pc <input type="checkbox"/> ICT server room -1pc <p>Total number of detectors required-17 pcs</p> <p>Total call points require -2 pcs</p> <p>Total bells required-2pcs</p>
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SCOPE OF SERVICEABLE FIRE EXTINGUISHERS

The following fire extinguishers should be serviced and left in functional condition as part of the Fire Alarm installation works. The one-year contract following fire alarm installation should as well cover the serving of the fire extinguisher.

Fire extinguishers at CRC			
	Number	Location	Type
	1	Ground floor	Water Red in color
	1	Ground floor	Powder Red in color
	1	Ground floor	Co2 Gas Black in color
	1	First floor	Water Red in color
	1	First floor	Dry Chemical blue in color
	1	2nd floor	Water Red in color
	1	Clinic	Water Red in color
	1	Clinic	Dry powder Red in color
	1	HIV Lab	Powder Red in color
	1	HIV Lab	Co2 Gas Black in color
	1	HIV Lab	Powder Red in color
	1	HIV Lab	Foam red in color
	3	HIV Lab	Powder Red in color
	1	New Lab	Water Red in color
	1	New Lab	Foam red in color
	1	New Lab	Co2 Gas Black in color
	1	Prefab	dry Power red in color
	1	Prefab	Foam red in color
	1	Stores	Co2 Gas Black in color
	1	Clinic Lab	Water red in color
	1	Clinic Lab	Dry Chemical blue in color
Total	23		

NOTE: ADDITIONAL REVISIONS

1. We have changed the quantity of Water pump to 2Qty of 2HP
2. Add 1 smoke detector and 3 blankets in Malaria laboratory
3. Add 1 Heat detector and 1 blanket on the 1st Floor Kitchen
4. A superior Fire Alarm panel is preferred as was clarified during the walkthrough.