

Deadly Fungus Shuts down Hospital Sultan Hospital, JB Malaysia



Background: A two month newly open Hospital Sultan Ismail was ordered to be shut down by Ministry of Health because of deadly fungus infestation. The areas of the microbial contamination were widespread in the entire hospital 10 storey building which had 704 bed and 3004 rooms. The level of microbial activity was so high in some places, that a few minutes of exposure is enough to make you really sick or trigger flu like symptoms. Species like Aspergillus and Penicillium dominated the hospital environment. The reason of the fungal outbreak is multi factorial.

Germ Guard Technologies, a partner of AEGIS ASIA were called in to determine the cause(s) of the outbreak and to implement the solution to the problem.

A detailed Study was carried out and recommendation of bio decontamination and treatment of a non leaching microbe shield (AEGIS) was proposed. The works began in March 2005 and were completed in 4 month successfully.

AEGIS ASIA was chosen due to its total solution approach, expertise, experience in the area of bio decontamination and the assurance that for 3 years the fungal contamination would be kept under control.

The AEGIS Technology was selected because of its unique non leaching durability, safety properties and proven effectiveness against pathogenic microorganisms in hospitals world wide

All air sampling and surface swab sampling tests done by independent laboratory and Ministry of Health confirm that the decontamination work was completed successfully and the hospital was declared safe for reoccupation.

The hospital is now waiting for the main contractors to rectify building defects and is schedule to open on 16 February 2006

KERAJAAN MALAYSIA
JABATAN KERJA RAYA
PERAKUAN SIAP KERJA
(CERTIFICATE OF PRACTICAL COMPLETION)

Rujukan : (2) /dlm.PKR(CKK)UB3.1/J/21/1.JLD.2

Pejabat: Pengarah
Cawangan Kerja Kesihatan
Ibu Pejabat JKR
Kuala Lumpur
Tarikh: 21 OCT 2005

Kepada
Germguard Technologies (M) Sdn Bhd
8-9-10, 9th Floor
Menara Mutiara, Bangsar
Jalan L. J. M. Bangsar
59100 Kuala Lumpur

(Kontraktor)

Berdaftar dengan P.K.K. dalam Kelas "....."

Kontrak No.: JKR/CP/CKK/29/2005

Kontrak untuk : Kerja Pembersihan, Dan Pencegahan Pertumbuhan Kulat Di Hospital Sultan Ismail, Johor Bahru, Johor

Perihal Bahagian Kerja Yang Telah Disiapkan : Kerja Pembersihan Kulat

Menurut seperti dinyatakan di perenggan 7 di dalam Surat Setujuterima Tender yang mana ianya menjadi sebahagian daripada Kontrak dan tertakluk kepada penyediaan apa-apa kerja yang belum disiapkan, maka dengan ini diperakui bahawa Bahagian yang Berkaitan seperti yang tersebut di atas telah siap dengan memuaskan hati pada 15hb Ogos 2005 dan dengan itu tempoh bagi Kerja Pencegahan Pertumbuhan Kulat bermula pada 16hb Ogos 2005, selama dua puluh empat (24) bulan.


 Pengawal Penguasa
(Superintending Officer)

(Nama Penuh / Name in full : A. PUTEH KAMARIAH BTE MOHAMAD
 Pengarah / Cawangan Kerja Kesihatan
 Nama Jawatan / Ibu Pejabat JKR Malaysia
 Kuala Lumpur, ...
 Designation

