

衛生工程服務 Health Sector Services



服務添新意
Service with Innovation





衛生工程服務

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衛生工程部2009/10年度收入增加，並通過改善存貨管理有效控制成本，年度業績令人滿意。該部與醫院管理局（醫管局）續訂服務水平協議，為期3年，顧客可於期滿後選擇延長兩年。此外，與衛生署商議續訂為期5年的服務水平協議一事，亦進展良好。

碳審計是年內推出的新服務。這是營運基金的增值服務，於醫管局轄下的瑪嘉烈醫院試驗推行，以找出溫室氣體的主要排放來源，並提出改善建議。審計結果顯示，該場地的溫室氣體，主要源於使用電力導致的間接排放和燃料消耗。衛生工程部已就此提出多個節約能源的工程方案，供客戶參考。

與醫管局訂立的服務水平協議，除令該部業務更趨穩定外，也引進了新的節能績效合約制度，為客戶的主要資產更換項目帶來雙贏方案。在節能績效合約制度下，其中一個方案是客戶無須任何資本支出，即可把資產更新，例如把氣冷式空調系統更換為更具能源效益的水冷式空調系統；至於節約能源所得的收益，則會在約5至7年的回本期內歸承辦商所有。衛生工程部會以顧問身分，協助醫管局推行節能績效合約制度，由2010/11年度起計4年內，更換各公立醫院的多個空調系統。

內部運作方面，衛生工程部於2009/10年度積極推行部別職安健推廣計劃，以減低工作意外率。計劃內容包括按區域委任6位分區安全主任，負責促進工作間的安全文化；舉辦兩次職安健日，讓同事通過座談會交流經驗；定期舉行早會，向同事匯報重要事項及所得經驗；利用記錄表進行突擊巡查；及重點宣傳慎防意外的信息。自計劃推出後，事故發生率已大幅回落。衛生工程部會採取一切合理措施，維持高度工作安全。

衛生工程部已為接管威爾斯親王醫院擴建大樓新機電設施的操作及維修保養作好準備。擴建大樓將於今年稍後啟用，是醫管局新界東聯網一項主要的醫療發展，該部會全力配合新大樓的運作安排。

年內，衛生工程部的工程師謝樂謙先生榮獲香港工程師學會頒發「2010年傑出青年工程師」優異獎。是項殊榮，乃基於謝先生在工程及客戶服務方面均表現卓越，對社會事務亦貢獻良多。

2009年6月香港爆發人類豬型流感，衛生工程部為醫管局及衛生署提供了一連串與抗疫有關的技術支援。主要工作包括及時檢查18家指定流感診所的通風系統及空氣淨化器、為醫管局轄下各家大醫院校正紅外線溫度計，及為新的隔離病房配置裝備等。該部會繼續對人類傳染病應變級別保持警覺，並會作好安排，隨時候命，提供所需的緊急應變支援。

展望2010/11年度，各項成功續訂的服務水平協議已締造了穩健基礎，供進一步提升服務水平和創新服務，因此衛生工程部對業務前景樂觀。



我們支援本港公立醫院的機電設備（圖為大型鍋爐），確保醫院向公眾提供無間斷醫療服務。

We support E&M equipment (large-scale boilers pictured) for public hospitals in Hong Kong to ensure uninterrupted health services are provided to the public.



技術人員正為生物醫學儀器進行預防性維修，確保儀器的可用性。
Carrying out preventive maintenance on biomedical equipment to ensure their availability.

Business for the Health Sector Division in 2009/10 was satisfactory, with increased revenue as well as effective cost control through better inventory management. The Service Level Agreement (SLA) with the Hospital Authority (HA) was renewed for three years with an optional two-year extension. Good progress has also been made in renewal of the SLA with the Department of Health for another five years.

The SLA with HA has enhanced the stability of the Division's business and introduced a new performance contracting system that will create win-win solutions for major asset replacement programmes. Under performance contracting, one of the solutions is an arrangement in which the client enjoys asset upgrades, such as the replacement of air-cooled air-conditioning systems with more energy efficient water-cooled systems, at no capital outlay, while the energy saving proceeds go to the contractor for the duration of the payback period of about five to seven years. Acting as advisor, the Division will help HA use the performance contracting approach to replace a number of air-conditioning systems in various public hospitals in a time span of four years from 2010/11.

The Division has been making preparations to take over the operation and maintenance of the new E&M facilities at the Prince of Wales Hospital Extension Block, to be opened later this year. This is a major health care development in the HA New Territories East Cluster and we shall work to fit the operational arrangement of the new block.

The Division provided much technical support to HA and the Department of Health to combat the human swine flu pandemic that hit Hong Kong in June 2009. Key tasks included timely wellness checks for the ventilation systems and air purifiers of the 18 designated flu clinics, calibration of the infrared thermometers used at major HA hospitals, and the outfitting of new isolation wards. We shall continue to be vigilant of the Human Infectious Diseases response level and provide stand-by contingency support accordingly.

Carbon audit was a new service introduced during the year. As a value added service, a pilot exercise was carried out at Princess Margaret Hospital of HA to identify the key sources of greenhouse gases emissions and recommend rectification solutions. The results indicate that indirect emissions from electricity and fuel consumption are the main sources of emissions, and various retrofitting options intended to save energy have thus been suggested.

Internally, a rigorous divisional safety campaign was launched in 2009/10 to reduce work accident rate. The campaign encompassed the appointment of six regional occupational safety officers, with a mission to foster a safety culture in the workplace, and included holding two Safety Days featuring experience sharing forums, regular morning briefings on key topics and lessons learnt, spot checks using log sheets, and a strong emphasis on accident prevention. The incident rate has since fallen significantly. All reasonable measures will be taken to upkeep a high level of work safety.

Mr Tse Lok-him, an engineer with the Division, was honoured with the Certificate of Merit at the Young Engineer of the Year Award 2010 organised by the Hong Kong Institution of Engineers. Mr Tse was noted for his outstanding contribution to engineering and client services, as well as exemplary service to the community.

The Division's outlook for 2010/11 is positive, as the renewed SLAs will provide a stable base for further service improvement and innovation.



為威爾斯親王醫院更換製冷系統，令公眾人士有舒適環境接受醫療服務。
Replacement of chiller at Prince of Wales Hospital to ensure a comfortable environment is provided for the public to receive medical treatments.

