

## **CONSULTANT & CONTRACTOR NEWS**

**The Metropolitan Nashville Airport Authority (MNA), TN, has unveiled 'BNA Vision', a plan to upgrade Nashville International Airport (BNA).** Costing approximately USD 1 billion, the plan will allow the US airport to meet requirements and provide improved services for a growing number of passengers. MNA CEO, Rob Wigington, said: "By 2035, the population of the Greater Nashville Area is expected to surpass 2.5 million people, and Nashville International Airport's passenger traffic will grow from 12 million today to more than 20 million. The projects comprising our BNA Vision are designed to meet the demands of this growth and address everything from international travel, to improved security wait times to more gates, parking and ease of access, all with passenger safety and convenience in mind."

The plan includes the addition of a new six-storey parking garage with 2,000 spaces, a central entrance hall, an international arrivals building, ticketing counters and baggage claim devices. BNA Vision will also expand the airport's Concourse B and Concourse D to increase gate capacity, as well as accommodate new airlines and retail services. A new multi-modal connector will be developed to connect the airport to the Nashville transit system, and an on-site hotel will be built to provide lodging for passengers. The redevelopment work at BNA is expected to be carried out in phases, and be completed in five to seven years. #1031.CON1

**London City Airport in the UK has finally received planning permission from the UK Government for its proposed GBP 344 million development programme, which will enable the airport to welcome up to 6.5 million passengers by 2025.** The major features of the City Airport Development Programme (CADP) include the expansion of the current terminal, the construction of seven new aircraft stands and the extension of the parallel taxiway. City Airport's development plans had previously been quashed by former London Mayor, Boris Johnson, despite the airport receiving planning permission from the local council. Declan Collier, CEO of London City Airport, said: "The new government has shown it is ready to act in the best interests of the British economy. Expansion at London City Airport will create more than 2,000 new jobs in East London, add much-needed aviation capacity in the Southeast, and generate an additional GBP 750 million per year for the UK economy. As the airport serving by far the highest proportion of business travellers in the UK (52%), who do some GBP 11 billion of trade in Europe annually, the government has sent a strong message that London and the UK are very much open for business. I welcome the decision and look forward to delivering new airport capacity for the Southeast by 2019." #1031.CON2

**Florida Institute of Technology's Institute for Cross Cultural Management (ICCM) will serve as an international cultural consultant on the USD 1.8 billion South Terminal Complex project at Orlando International Airport (MCO), FL.** The Greater Orlando Airport Authority (GOAA) selected the institute earlier in 2016 after a competitive bid process. Under terms of the contract, which could extend at least five years, ICCM will advise on cultural matters in regards to the design, development and operations of the new terminal and related existing facilities. The capital improvement plan at MCO, which includes the new terminal approved in March 2016, "reflects the growth of our global appeal as an international travel gateway for business and leisure," authority Chairman Frank Kruppenbacher said at the time.

Nearly four dozen scheduled international destinations are served from Orlando, including flights to Central and South America, Canada, the Caribbean, Europe and the Middle East. As the cultural consultant, ICCM will help key constituencies in the new terminal project understand and address the

cultural diversity represented by these and other destinations and the passengers they bring to Central Florida. "Given the global demographic trends, the significant current number of international travellers to the Orlando airport, and the increase in international travel that will follow the South Terminal Project, the inclusion of a cultural lens in the planning, design, development, and operations of the facility is a savvy strategic decision," said ICCM Executive Director Richard Griffith. #1031.CON3

**PCL Construction Services Inc. was recently awarded the construction contract for Phase 1 of the Airside Terminal at Orlando International Airport's South Terminal C.** The new terminal is part of the USD 1.8 billion south terminal development project. Construction of the world-class domestic and international airport terminal building will include 16 airline gates and include all associated improvements and infrastructure. The flexible gate configuration will be able to accommodate narrow body, jumbo, and super jumbo aircrafts. Additional work includes site work, roadways, aprons, taxiways, landscaping, lighting, walkways, aircraft loading bridges, concessions, and security improvements. This is PCL's 12th project at Orlando International Airport. PCL is also currently working on the Main Ticket Lobby Modifications project, which is expected to be complete in December 2017. Pre-construction on the new airside terminal was scheduled to begin in August 2016 with construction beginning in Q1 2017. The project currently has a completion date of October 2019. #1031.CON4

**South Korean construction company, Samsung C&T, has secured a contract from Hong Kong Airport Authority (AA) for deep cement mixing works for Hong Kong International Airport's (HKIA) three runway system (3RS) project.** Under a joint venture (JV) with Hong Kong contractor, Build King, Samsung C&T accounts for 70% - or USD 240 million - out of the total USD 340 million civil engineering contract. The deep cement mixing project is the first stage for developing the 3RS at HKIA. Under the terms of the deal, Samsung C&T will be responsible for renovating soft ground located 7 m below the sea. The company will carry out the project by using a deep cement mixing method before land reclamation for the third runway takes place. Construction work for the project, which is expected to take 20 months to complete, was scheduled to begin in August 2016. #1031.CON5

**A redevelopment of Tripoli International Airport (TIP) in Libya was getting underway in early August 2016, following the Libyan Local Investment & Development Fund's (LLIDF) appointment of PwC as its strategic advisor.** The LLIDF is supporting the redevelopment of Libya through its new investment programme which includes the redevelopment of Tripoli International Airport into a world-class international airport. Based within a secure hub on the former airport site, the ambition is to cater for more than five million passengers a year, attract a multitude of new airline partners, and act as a catalyst for major commercial and corporate developments nearby. In addition to being appointed to advise on the redevelopment of the airport, PwC's infrastructure team in the UK and Middle East has also been brought on board to act as advisors for two separate feasibility studies on new specialised hospitals and solar energy developments. The agreement, signed in London by Bader Ben-Othman, CEO of LLIDF, and PwC partners, Ian Baxter, Michael Burns, Ahmed Baitelmal, and Bernhard Haider, marks an important milestone in the development of Libya's economy. Ben-Othman said: "We are delighted to team up again with PwC as our advisors for three strategic projects; namely the redevelopment of Tripoli International Airport alongside development of an integrated network of specialised hospitals and a solar energy project." Leading the airport advisory project will be Michael Burns, PwC partner based in London. #1031.CON6

**UAE-based Gulf Cobla has started reclamation work for the expansion of the Ibrahim Nasir international Airport on Hulhule Island in the Maldives.** Gulf Cobla Tennssoor Maldives (GTCM) said

in a statement that it will reclaim more than 4 million m<sup>3</sup> of sand for the new runway construction. The company did not disclose the value of the contract. The sand will be taken from the inner lagoon where the company also dredged more than 2 million m<sup>3</sup> of sand for the previous expansion during 2012. GTCM, which was appointed by main contractor, Beijing Urban Construction Group (BUCG), said that it has initially deployed its cutter suction dredger (CSD), Deira Bay, and will follow up with its CSD, Khaleej Bay, to increase the progress in order to meet the completion date. Beside the reclamation, GTCM will also take care of the revetment works protecting newly created land for the runway as part of their contract with BUCG. #1031.CON7

**Airports Council International (ACI) World has released a new publication that analyses the influence of customer service quality on the non-aeronautical revenue of airports.** The 2016 research paper - 'Does passenger satisfaction increase airport non-aeronautical revenue? A comprehensive assessment' - is based on the assessment of an annual global survey conducted by the ACI Airport Service Quality (ASQ). ACI ASQ carried out the survey on more than 550,000 passengers every year at more than 300 airports worldwide. ACI World director general, Angela Gittens, said: "ACI's Airport Service Quality research and analysis suggests that, for most airports, prioritising customer service results in the greatest positive impact on non-aeronautical revenue. It can potentially deliver an even greater return on investment than can be achieved through traffic increases or expansion of commercial space."

The new research is supported by data received from the annual ACI Airport Economics Survey, which revealed a rise of 1% in the global passenger satisfaction mean results in an average increase of 1.5% in non-aeronautical revenue. This noticeably out-performs the effect of commensurate increases in both retail space and passenger volumes. Based on the major revelation that satisfied passengers spend more, the ACI World research paper offers relevant assistance to airports of all sizes in order to help them raise non-aeronautical revenue effectively. Gittens added: "The in-depth tailored data provided by the ASQ programme not only gives each airport its own pathway to maximising service quality, but also helps deliver the best return on its carefully targeted investment." #1031.CON8

**Seabury Group has received prestigious awards from CIO Outlook, Capital Finance International (CFI), and Wealth & Finance International, praising the Seabury team's excellence in delivering diversified and responsive business solutions to clients in the aviation, aerospace & defence, transportation, and related industries.** With more than 20 years of experience, Seabury has partnered with 300 clients in more than 50 countries, extending its services and solutions to nearly 1,300 engagements globally. "The Seabury team and I are once again thrilled to receive recognition from our media partners for being a medium for our colleagues in aviation to help them achieve enhanced market position and shape their companies' futures within the industry," said Seabury Group CEO, John Luth. "Over the past two decades, Seabury has advised on over USD 100 billion of equity transactions and debt financing, while helping airlines worldwide solve complex challenges requiring consulting, investment banking, restructuring, and information technology solutions." CIO Outlook named Seabury one of the "25 Most Promising Aviation & Aerospace Solutions Providers in 2016," praising the company's unparalleled efficiency and innovation in providing an array of information technology solutions and products that leave an indelible mark in the market. Capital Finance International (CFI) commended Seabury for "unrelenting dedication to operational excellence and top performance", while investing heavily in technology. Wealth & Finance International awarded Seabury the "Best Aviation-Focused Investment Banking Firm & Best for Structured Alternative Investment Strategies" recognition, applauding the Seabury team for their leadership and efforts in helping shape this unique and dynamic industry. #1031.CON9

**The German SMS group GmbH and Paul Wurth S.A. of Luxembourg, in which SMS GmbH holds an interest of about 60 per cent, are merging their subsidiary companies SMS Logistiksysteme GmbH and CTI Systems S.A. to form a joint enterprise. The joint enterprise will operate under the new name [AMOVA](#).** The object of the new enterprise is further expansion of business in the areas of intralogistics, aviation and surface treatment.

SMS Logistiksysteme, based at Netphen in Germany's Siegerland, has been creating individual logistics and service solutions for the steel and non-ferrous metals industry for over 60 years and is amongst the world's leading providers in this market. Since 2013 SMS Logistiksysteme has also offered customer-specific storage, transport and handling systems for air cargo terminals under the new brand name ACUNIS.

CTI Systems has been a leading supplier of tailor-made turn-key systems in the areas of intralogistics and surface treatment and especially of aviation for over 50 years. At its company headquarters at Lentzweiler in Northern Luxembourg it generates innovative concepts for customers from all over the world. #1031.CON10

## **Sustainability**

**Dallas/Fort Worth International Airport (DFW), TX, has become the first airport in North America to achieve carbon neutrality via the Airports Council International (ACI)'s Airport Carbon Accreditation (ACA) programme.** DFW has become one of only 23 airports worldwide to achieve the distinction. Since 2010, DFW has achieved a 29% reduction in carbon emissions on a per-passenger basis as well as an overall 38% reduction in energy costs, despite passenger traffic at the airport increasing by 15% over the same period. Sean Donohue, CEO of DFW Airport, said: "This major achievement demonstrates DFW Airport's commitment to serving our community and our world with a comprehensive, holistic approach to sustainability. Our team has made major strides in reducing DFW's carbon footprint by how we manage precious resources such as energy and water, and how the airport manages vehicle fuels, emissions, waste, recycling, and our land." #1031.CON11

**London Heathrow Airport (LHR) in the UK has successfully saved more than 130 million litres of water annually by using GE Power's advanced water treatment solutions.** GE's corrosion inhibitor, cooling and chemical treatment technologies have been used to treat 39 cooling towers across four terminals at the airport. After 12 months, Heathrow Airport saved around 5% of water used across the sites. Due to its efforts in reducing water usage, Heathrow Airport has also been honoured with an Ecomagination award from GE. Heathrow Airport Limited senior category manager, Chris Allen, said: "With more than 75 million passengers per year, 80 airlines, over 76,000 employees and an average of approximately 1,300 flights per day, Heathrow Airport is one of the busiest airports in Europe, and we consume a significant volume of water. It is crucial we work with partners to reduce our environmental impact, and we are pleased that the GE technology has allowed us to exceed our environmental and industrial goals while meeting our high operational demands."

The cooling towers at the airport were monitored in real-time, while the data was evaluated using GE Power's InSight knowledge management system and TrueSense for Cooling remote monitoring and diagnostics platforms. #1031.CON12

**Darwin International Airport in Australia has completed the first stage of its photovoltaic (PV) solar array installation, which will provide 25% of the airport's overall energy needs.** The new installation comprises 15,000 solar panels over six hectares and will generate up to 4 MW of energy; stage two of the project will add a further 1.5 MW. Upon completion, the total value of the

project will amount to AUD 13 million and it will be the largest airside photovoltaic (PV) solar array in the world. The solar farm is entirely financed by private sector investment and is expected to reduce the airport's power bills by AUD 1.5 million annually, based on current peak tariff rates. This also makes the project the largest 100% private sector investment in a solar PV installation in Australia. #1031.CON13

## **Names**

**Loy Warren has rejoined HNTB Corp. as a senior vice president in the new position of national aviation programme management and airfield engineering leader.** Warren previously worked at HNTB from 1991 to 2003. Based in Plano, TX, his national role will take him across the country. Warren's areas of specialty include all aspects of airport development, such as planning, sustainability and environmental mitigation, program management, design and construction for terminal, airfield and landside development. Prior to re-joining HNTB, Warren worked with two other consulting firms as a leader for national airport practices. #1031.CON14

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