



Integrated Health Projects by



Sir Robert
McALPINE

Supporting the NHS in the COVID-19 emergency





Integrated Health Projects by



Sir Robert
McALPINE

Supporting the NHS in the COVID-19 emergency

IHP is an integrated joint venture between two of the most stable and established names in the UK and international construction industry, VINCI Construction UK and Sir Robert McAlpine, IHP was formed in April 2003 specifically to focus on delivery of healthcare projects.

IHP is extremely proud to be playing a significant role in the sector's rapid response to the COVID-19 pandemic and the NHS need for expanded capacity to treat coronavirus patients.

Contents

NHS Nightingale Hospital North West

Preston UCLAN Temporary Hospital (P22)

Rainbow Hospital Deeside
(NHS Building for Wales)

Rainbow Hospital Bangor
(NHS Building for Wales)

The Christie Hospital ICU (P22)

Preston Critical Care Unit (P22)

P22 Project Management Office (PMO)

Social Value

NHS Nightingale Hospital North West

In the first phase of the UK response IHP were quick to mobilise, working collaboratively under P22 with the NHS, the Army and our supply chain to successfully deliver the NHS Nightingale Hospital North West. Against a demanding fast-track timetable with 48 hours-notice and working 24/7 we transformed the Manchester Central Convention Complex into a new 750 bed hospital in 13 days.

The creation of the hospital, which covers 17,000m², has been an excellent example of collaboration across all construction disciplines, with local government, the military, the NHS and our supply chain. It was officially opened on 17 April 2020 by the Health Secretary Matt Hancock and the Duchess of Cornwall.

Andy Burnham, Mayor of Greater Manchester, said: *"Everyone involved in this fantastic facility are history makers and you will always have our respect and admiration for the sacrifices you are making to help our country through this crisis."*

IHP went on to deliver a series of other COVID-19 emergency facilities.

"Thanks to the IHP team for your efforts on the Manchester Nightingale Hospital. Your efforts are just extraordinary, brilliant and humbling at the same time. Truly remarkable effort by all involved"

Simon Corben, Director and Head of Profession,
NHS Estates and Facilities - NHS England and NHS Improvement



Manchester NHS Nightingale North West



750  **Beds**

14,500m²  **Flooring**

 **149km** **Power/Data Cable**

 **13 Days** **To Deliver**

 **3.4 km** **Walls/Partitions**

6840  **Power/Data Points**

 **less than 30 Minutes** **Per Bed**
based on 24/7 working

7.24km  **Medical Gas Pipe**

 **1520** **Nurse Call Points**

Preston UCLAN Temporary Hospital (P22)

An emergency 132 bed step-up step-down facility in created in converted sports. Working alongside Lancashire and South Cumbria NHS Foundation Trust, the Army and our supply chain, with our team working 24/7 the project was delivered in under two weeks.



Rainbow Hospital Deeside (NHS Building for Wales)

IHP transformed Deeside Leisure Centre into a 430-bed field hospital for Betsi Cadwaladr University Health Board. A site team of over 200 worked in 24/7 shift patterns to create the hospital in under three weeks.



Rainbow Hospital Bangor (NHS Building for Wales)

For the 223-bed field hospital IHP used modular construction techniques to convert Bangor University's Sports Centre into a fully functioning coronavirus hospital in just 16 days.



The Christie Hospital ICU (P22)

The IHP team made a promise to deliver this fast-track 26-bed Intensive Care Unit in under nine weeks and successfully delivered it in a record breaking 33 days, just five weeks.



Preston Critical Care Unit (P22)

A new build extension and refurbishment of the existing single-storey building providing 34-beds. We were asked by Lancashire Teaching Hospitals to accelerate the delivery and adopting a 24/7 three shift work pattern we reduced the programme duration by seven weeks.



**Taken together this is almost 1600 beds provided
in a one-month period!**

These projects have been built to exceptionally quick timescales while ensuring delivery to the necessary quality and compliance requirements, and strict adherence to the COVID-19 site operating procedures.

P22 Project Management Office (PMO)

In addition to the Manchester Nightingale delivered by IHP the P22 PSCPs were also called upon to deliver 3 other Nightingale hospitals in Birmingham, Bristol and Harrogate.

The PCSPs quickly realised that a PMO was required to coordinate the combined NHSE+I and P22 response.

This PMO ensured that rapid contract documents were created along with standard briefs and designs, shared best practice, as well as

lessons learned. Working as part of the PMO also allowed for quick responses to supply chain and procurement challenges, providing overall programme risk management and system level mitigation with centralised reporting and assurance.



We also focused on adding social value. The VINCI UK Foundation has donated over £100k to 27 projects within VINCI Construction UK to help charities in the fight against COVID-19.

Social Value

IHP have over 500 staff and an established supply chain with direct expertise in the healthcare sector. Our NHS stakeholders have told us that the dedication, commitment, adaptability and expertise they have displayed is exceptional. We are honoured to have been called upon and proud to be providing this vital support in the continuing fight against COVID-19.



VINCI UK
FOUNDATION



"The swift decision making and allocation of funding has enabled us to enhance facilities for our staff in our hospitals with the purchase of sofas, microwaves, TV's and refreshments – we are extremely grateful to Team VINCI – thank you all for supporting us."

Pat Chambers, Charity Development Manager - County Durham and Darlington NHS Foundation Trust.



Integrated Health Projects by



Sir Robert
McALPINE



Supporting the NHS in the COVID-19 emergency

European Healthcare Design Congress



Alan Kondys | FRAMEWORK DIRECTOR

Tel: 01923 280986 | Mob: 07816 514494 | alan.kondys@vinciconstruction.co.uk

Astral House, Imperial Way Watford Hertfordshire WD24 4WW

www.ihprojects.co.uk

Ref: 7224