

MANCHESTER AQUATICS CENTRE

Major refurbishment, upgrade and carbon reduction works



KEY INFORMATION:

CLIENT: Manchester City Council
LOCATION: Manchester
CONSTRUCTION VALUE: £29.5m
CONTRACTOR: Kier
START DATE: July 2021
FINISH DATE: May 2023 (phase 1)
SECTOR: Leisure
FORM OF CONTRACT: NEC
DELIVERY TYPE: Design & Build



SOCIAL VALUE PROMISE:

- 5 new, 10 sustained Apprenticeships
- 15 jobs created
- 15 weeks work experience
- 60 training weeks
- 18 education & curriculum/
construction industry careers events
- 25 community engagement activities
- 20 volunteer days



Phase 1 involves full refurbishment and carbon reduction works at Manchester Aquatics Centre, the 2002 Commonwealth Games venue, after two decades of intensive use. Works will maintain and grow aquatics, health and fitness programmes for the next 20 years.

Housing 50m competition, diving and training pools, leisure pool, health suites, changing village and gyms, works at the centre will help decarbonise and modernise the venue, and home to the British Para-swimming team, reinforcing its position as a hub for world class programme activity.

SUPPORTING MANCHESTER CITY COUNCIL'S ZERO CARBON VISION

This element of the project focuses on decarbonisation, with the objective of supporting the council's transition to becoming a zero-carbon city by 2038. Kier, in collaboration with consultants and supply chain, will deliver a combination of energy efficient measures, including a full MEP replacement and the addition of a number of renewable energy generation works.

Two new air source heat pumps will be installed as part of the energy saving works which, alongside over 1000 solar roof panels, will achieve the 30% carbon reduction target set by the council. The 450kWh solar panels are complete with battery storage capacity of 300kWh, storing energy during the day, allowing the centre to use the solar energy well after sundown.

PHASED REFURBISHMENT WITH MINIMAL DISRUPTION

The refurbishment and modernisation will commence following decarbonisation works. The ground, first and second floors will be refurbished including replacing MEP systems, pool filtration, movable floors and booms in the pools and reconfiguration of the changing room and gym spaces.

Collaborative plans have been made with centre operator, GLL and end user client, MCRactive, for delivery of works on a phased basis over two and a half years to minimise disruption and ensure access to the basement pool is available throughout. Kier has extensive experience in delivering projects in live working environments and alongside the pool, the basement changing rooms, performance gym, medical physio rooms, office, lift and accessible WC will be kept open for the British Para-swimming team.

The programme for phase 1 will be tightly managed to enable the venue to host the Paralympics Swimming Championships in the summer of 2023, prior to phase 2 works.

"This investment will improve and protect the future of the Manchester Aquatics Centre for years to come. The refurbishment and modernisation of the centre will be of the highest standards using green technologies to reduce its carbon footprint and is part of the city's drive to cut carbon emissions and saving on energy costs."

Councillor John Hacking, Executive Member for Skills, Employment and Leisure-MCC