Form 3:
TECHNICAL DETAILS AND FEATURES FOR PROPOSAL TO DESIGN, BUILD, OWN & OPERATE A CHILLED WATER PLANT (WITH OPTION FOR AN INTEGRATED POWER PLANT) IN DATA CENTRE PARK

1.0 Please furnish **20 sets** the following technical specifications and features in both soft and hardcopies:

a) Write up, CAD drawings and layout to demonstrate compliance of building design within required land area, supply and thermal storage capacity, flexibility of proposed plant, and output of power, where applicable.

b) Technology used in proposed plant and committed efficiency of the plant operation (kW/RT), including type of advanced technologies introduced e.g. co-generation plant, tri-generation plant and ice storage. Proposals should include concepts; write ups, technical specifications (eg. M&E requirements, floor loading requirements) and calculations;

c) Proposal on reliability of the type of chilled water and/or power plant proposed including the integration of the grid, where applicable;

d) Write up on commitment to ensure uninterrupted supply of chilled water;

e) The initial floor area required, phasing plan and time frame, where applicable;

f) Programme and write up to demonstrate firm's ability and program/schedule of implementation to guarantee timely provision of chilled water to DCP to meet stipulated operational date. Written commitment and demonstration of how this is to be done;

g) Proposal on the use of latest technology or measures to minimize environmental and noise pollution and other nuisance;

h) Write up, illustration and commitment to ensure compliance with relevant agencies eg. URA's, Nparks', JTC's and NEA's requirements through aesthetics and acoustic treatment to the cooling towers. Participant is to show clearly in his proposal the type of acoustic and aesthetics treatment proposed and how it will meet the relevant agencies' requirements;

i) Proposed period for the operation;

j) Firm's commitment to the provision of high quality service to customers and future expansion program where applicable;

k) Confirmation on full compliance of the Firm with the Terms and Conditions of the CFP.

2.0 Please note that items listed above are non-exhaustive and serve as a guide to the details required. Please include any other relevant details for the development.