

Possible steps from start to finish

For permanent facilities and as an example our services can be divided into the following phases:

A. General

A preliminary feasibility study is based on local market research and answers to a provided questionnaire specifying all initial required information about the local circumstances and an initial rides and activity selection. It is provided in Euro as well as in any other currency of choice and with either metric or British system conversions. It includes an extensive parameters form linked to a preliminary investment estimate, a phased costs & planning sheet, an operations forecast and IRR approach.

In general all technical installations, rides and attractions have been sourced and developed in cooperation with specialist manufacturers over the past 10 years for similar past, pending and future projects resulting in the provision of best solutions.

Unlimited Snow and partners work as general consultants for a day fee excluding any out of pocket expenses, such as prints, translations, travel and accommodation, whereby the supply of the snowmaking installations is an integral part of the general consultancy.

These day fees can be included in an integral phased cooperation agreement with specification of the scope of the relevant work, such as pre design and pre-engineering, final design and engineering as well as manufacturing, supply, installation and training.

The client can terminate an agreement after each phase without further obligations in case the project is terminated at any stage. Should the project however still be realised at any time in the future at any location the integral agreement remains valid.

B. Phased scope of work

A full study of the requirements for an indoor snow area with appropriate conclusions and recommendations followed by the provisions as described in the following example scope of work:

C. Phase 1

1. Determining the programme of requirements in cooperation with the client.
2. Selection and layout of all possible rides and activities (including gradients of slides, snow rides, snow & ice play, F&B, entrance hall, rental area, machine room) based on the target groups, location and specific snow/ice and spectator capacity in order to ensure the highest possible revenues from operations and the best return on investment.
3. Prepare a preliminary operations forecast including costs and revenues based on local market circumstances.



4. Prepare package of requirements for the constructional facilities to be provided for the technical installations including a preliminary refrigeration plant layout.
5. Prepare a package detailing the physical requirements and characteristics of the construction works.
6. Prepare a package detailing what requirements must be fulfilled regarding the climate conditions in the snow hall.
7. Prepare detailed snow & ice production calculations.
8. Prepare a detailed report on the power and water supply requirements in respect of the production of snow and ice, the acclimatization of the snow hall and the installations for the recovery of snow and ice melt water.
9. Prepare a theming package including artist impressions and optional fly through or model.
10. Prepare a preliminary investment estimate of the specialist rides, special effects, rental equipment and systems, theming aspects and entry system.

D. Phase 2

1. Prepare preliminary design showing all required and recommended systems including the snow and ice making installations, the refrigerant plant and distribution system for the acclimatization of the snow hall, the energy recovery system, the snow and ice melt water recovery system, all measuring and control technology system and complete fully automated facility management systems.
2. Prepare and submit preliminary budget estimate of cost for all the systems detailed in D.1. above.

E. Phase 3

1. Prepare final design, complete with drawings, flow and instrumentation diagrams and technical specifications for all the systems including the snow and ice making installations, the refrigerant plant and distribution system for the acclimatization of the snow hall, the energy recovery system, the snow and ice melt water recovery system and optionally all measuring and control technology system complete with fully automated facility management systems.
2. Prepare full engineering working drawings for all the systems detailed in D.1. above together with associated construction details and detailed Bills of Quantities for all works of the systems.
3. Prepare documentation detailing the necessary start-up and putting into operation with operational procedure, as well as the operation and maintenance descriptions, of all of the systems detailed in D.1. above. Incorporate within this document a detailed proposal in respect of the training, for a 3-month period under operational circumstances of selected employees of the client.
4. Prepare a final design of all theming aspects
5. Prepare and submit final budget estimates of cost for all the installations, systems, rides, attractions and theming. Break down estimates into separate sections.
6. Prepare a franchise agreement (if relevant) between Arctic World and the client on basis of a percentage of the yearly turnover, including all benefits, rights and duties.



F. Phase 4

1. Manufacturing, delivery and installation of the snow and ice making installations, the snow and ice melt water recovery system at to be agreed contractual price.
2. Manufacturing of the complete skid mounted machine room fit out including refrigerant plant and distribution system for the acclimatization of the snow hall, the energy recovery system and all measuring and control technology system complete with fully automated facility management systems, This is manufactured in The Netherlands, test run including TÚV certification and shipped as prefab units to the site, ensuring quality and saving local building time. At to be agreed contractual price.
3. Optional manufacturing, delivery and installation of a natural gas or bio oil energy plant at to be agreed contractual price.
4. Manufacturing, delivery and supervision/installation of theming and furnishing at to be agreed contractual price.
5. Coordination and handling of all manufacturing, supply and installation of selected items at a handling fee as a percentage of these investments with the additional option of collecting and storing all containers in the Netherlands for combined shipment to the site.
6. Project management on site at relevant day fee.
7. Installation supervision suppliers at relevant day fee.
8. Operational manuals including 30 working days training and support during pre-opening and start up. (Included in case of a franchise agreement) Additional days charged at relevant production and day fees. Also specialist expat staff sourcing services can be provided.

In cooperation with partners other services, such as architectural, constructural engineering, relocatable or fixed building structures are also provided.

Unlimited Snow Indoor bv, P.O. Box 75835, 1070 AV Amsterdam, The Netherlands
Tel. +31 (0)20 4714640, Fax +31 (0)847 106619, email us@snow.biz ,
Website:

