

## **SPECIAL REGULATION No. 4**

### **CONCERNING CONSTRUCTION, INSTALLATION, WORKPLACE SAFETY, FIRE PREVENTION AND ENVIRONMENTAL PROTECTION**

#### **CHAPTER I. GENERAL PROVISIONS**

##### **Article 1. Purpose**

**1.1.** The purpose of this Special Regulation of the International Horticultural Exhibition Expo 2023 Doha, Qatar (hereinafter referred to as “Expo 2023 Doha”, or “Exhibition”) is to set forth the requirements that Participants must implement in planning, construction, engineering, installation, decoration, dismantling of buildings, structures, gardens on the Site of Expo 2023 Doha, in accordance with Articles 14, 15, 16, 17, 19, 20, 26 and 43 of the General Regulations.

**1.2.** This Special Regulation is related to construction works taking place on the outdoor and indoor exhibition areas of Participants. This Special Regulation also comprises rules to be followed on fire prevention, workplace safety, and protection of environment in the course of the works described above. The term “construction” shall be used to specify the works and activities associated with both the erection of buildings and/or landscaping and the construction and/or assembly of installations within buildings.

##### **Article 2. Compliance with Laws and Regulations**

**2.1.** All Participants shall comply with the Paris Convention relating to International Exhibitions signed on November 22<sup>nd</sup>, 1928 as amended and supplemented, the General Regulations, the Special Regulations of the Exhibition, Qatar Construction Specifications (hereinafter referred to as “QCS 2014”), and other relevant laws and regulations in Qatar and the additional instructions and directives issued by the Organizer, which shall be in conformity with the General Regulations and the Special Regulations of the Exhibition (hereinafter jointly referred to as “the Laws and Regulations”).

**2.2.** Additional instructions and directives are issued by the Organizer to provide more information on related subjects and further establish the rights and obligations of Participants and the Organizer and shall be in conformity with the General Regulations and Special Regulations.

**2.3.** Pursuant to the Exhibition theme “Green Desert, Better Environment” and Special Regulation No. 1 concerning the Definition of the Theme of the Exhibition and the Guidelines for Theme Development by the Organizer and the Participants, the Organizer may provide complimentary advisory services to Participants on how to use ecological materials in their construction works at a reasonable cost without any obligation towards them. The Organizer shall issue a Theme Guide to assist Participants in the design of their exhibition area.

### **Article 3. Rights and Obligations of the Participants**

**3.1.** The Participants shall obtain all necessary permits and licenses set out as in the Laws and Regulations prior to the commencement of construction. The form and content of the application documents shall conform to the Laws and Regulations.

**3.2.** The Participants shall perform all modifications required by the Organizer at their own expense to ensure compliance of the construction works with the Laws and Regulations.

**3.3.** Participants must ensure that the representatives of the Organizer and relevant authorities carrying relevant credentials have access to the occupied construction sites during working hours for aforementioned representatives to verify compliance with the Laws and Regulations.

**3.4.** All construction works in their respective exhibition areas shall be completed by Participants no later than 24/09/2023. Vehicles heavier than 7500 kg shall not be allowed to enter the site after 04/09/2023.

**3.5.** Participants shall bear the costs of the following construction activities within their exhibition area:

- Architectural, technical, mechanical and electrical system plans and specifications,
- Specific geological survey of plot,
- Electricity and water supply systems in the spaces assigned to them in case of outdoor gardens (ports will be shown by the Organizer),
- Electricity, water and other connection lines from the boundary of the outdoor garden area to the interior,
- Installation and decoration of buildings and structures,
- Gardening,
- Landscaping,
- Planting and maintenance of the green areas,
- Environmental impact of the garden construction to the surrounding environment,
- Presentation of exhibits,
- Fire prevention, labour safety and health, sanitation and safety facilities related to their exhibition area,
- Maintenance, cleaning and waste removal,
- Transportation and storage,
- Post EXPO dismantling, removal of exhibits and cleaning,
- Project and management services,
- Professional consultation,
- Other activities related to the construction of their gardens, buildings and structures.

**3.6.** The Participants shall also fulfil the following responsibilities;

- To submit their project, forms, permits and licenses in a timely manner,
- To submit a list of the machines and equipment to be used during construction and dismantling,
- To submit detailed lists of the plants and flowers to be exhibited in their exhibition areas.

**3.7.** If the Organizer undertakes the construction or any of the above-mentioned tasks on behalf of a Participant, the Participant concerned shall bear the corresponding costs incurred, provided that the Organizer has given sufficient notice to the Participant.

**3.8.** If the Participants are unable to fulfil their commitments, the Organizer has the authority to perform their obligations and the costs shall be borne by Participants.

#### **Article 4. Rights and Obligations of the Organizer**

**4.1.** The Organizer may order the following actions if deemed necessary, at the expense of the Participants;

- Compliance with the provisions of this Special Regulation with respect to the terms and periods agreed upon by the Participant and the Organizer,
- The suspension of construction work, if said work violates the “Laws and Regulations”, or if it is considered that hazardous conditions exist,
- The demolition of a building, or any part thereof, or of an installation, if its construction violates the “Laws and Regulations”,
- The termination of any occupancy of the construction works site in the event of dangerous conditions arising from the work being carried out and as yet unfinished,
- The elimination of dangerous conditions.

**4.2.** The Organizer shall not be responsible or liable for any damage or loss in reference to and caused by the violations of the Laws and Regulations by the Participants or their contractors.

## **CHAPTER II. STRUCTURES, GARDENS, AND COVERED EXHIBITION AREAS**

#### **Article 5. Construction Work, Internal Conversion and Finishing Work**

**5.1.** Outdoor and indoor exhibition areas shall be handed over to Participants on 01/02/2023 and 15/04/2023 respectively by the Organizer, as specified in Article 7 of Special Regulation No. 2 concerning the Conditions of Participation in the Exhibition.

**5.2.** Pursuant to Article 7 of Special Regulation No. 2 concerning the Conditions of Participation in the Exhibition, Participants shall complete construction works, internal conversions and installation of exhibits by 24/09/2023.

**5.3.** Entry of the items for outdoor and indoor exhibition areas shall be authorized from 02/02/2023 and 16/04/2023 respectively.

#### **Article 6. Soil for Outdoor Exhibition Areas**

The Organiser shall provide the outdoor exhibition areas with a surface layer of soil suitable for planting up to the level of the closest street or pathway.

## **Article 7. Documents Provided by the Organizer**

**7.1.** The Organizer shall allocate indoor and outdoor exhibition areas on a complimentary basis to Official Participants in accordance with Special Regulation No. 2 concerning the Conditions of Participation in the Exhibition, and the Participation Contract, and provide the following technical documents;

### **7.1.1. Documents for Outdoor Exhibition Areas**

- Data of preliminary geographic survey of the site, including the analysis data of the physical and chemical properties of soil
- Data points for the services, such as water supply, sewage, electricity, air conditioning, telecommunications and television
- Relief map with marked boundary lines of the lot
- Map showing the lot and the surrounding and/or closer roads, parking lots, green areas, infrastructures, existing buildings and structures
- Design parameters and guidelines
- Regulations on construction and access of personnel and goods to the allocated exhibition area
- General guidelines on safety, sanitation and fire prevention for the Site,
- Construction guidelines specifying deadlines, conditions and requirements as well as technical documents necessary for construction and installation of the Exhibition area.

### **7.1.2. Documents for Indoor Exhibition Areas**

- Drawings and specifications of architectural, structural, mechanical and electrical systems,
- Data points for the services, such as water supply, sewage, electricity, air conditioning, telecommunications and television,
- Buildings and structures specifications,
- Requirements for maintenance and cleaning,
- Regulations on construction and access of personnel and goods to allocated space,
- General guidelines on safety, sanitation and fire prevention for the site.

## **Article 8. Inspection of Allocated Space**

Participants may inspect the exhibition areas allocated to them at their own cost and with prior approval, of the Organizer.

## **Article 9. Design Parameters**

**9.1.** The design of exhibition areas shall comply with the Laws and Regulations and regulatory planning and design requirements of the Exhibition. Materials and equipment used for the construction shall conform to the Laws and Regulations.

**9.2.** All improvements, installations, and/or modifications of any nature to existing buildings are subject to the written approval of the Organizer and must be done in accordance with the Laws and Regulations. In no case work which affects the operation of the technical equipment of the buildings or the structural integrity of the buildings may be undertaken without the prior authorization given by

the Organizer.

### **Article 10. Dismantling of the Outdoor and Indoor Exhibition Spaces**

**10.1.** Participants shall remove all exhibition materials and restore the indoor exhibition spaces no later than 01/05/2024 and outdoor exhibition spaces no later than 31/05/2024.

**10.2.** The restoration to the original conditions shall include demolition of buildings and structures including underground elements, substructures and utilities, and the restoration of the land to its original condition.

**10.3.** Participants shall submit their schedule for the dismantling of their outdoor and indoor exhibition areas to the Organizer and apply for authorization. Dismantling works cannot be carried out without the written approval of the Organizer.

**10.4.** At the termination of the dismantling of the outdoor or indoor exhibition areas, the Organizer and the Participants shall jointly conduct an inspection. If the exhibition areas have been restored to their original state, the Organizer shall issue a written notification to the Participant in the form of an acceptance letter.

**10.5.** Provided that work carried out by the Participant to restore the outdoor or indoor exhibition areas to their original state has not, in the Organizer's opinion, been satisfactorily performed within the period specified in Article 10.1., the latter may affect the remaining work, on behalf of and at the expense of, the former.

## **CHAPTER III. TECHNICAL SUPERVISION**

### **Article 11. Technical Supervisor**

**11.1.** Participants shall appoint a qualified technical supervisor with design and construction management skills during construction, installation and dismantling and inform the Organizer at least 10 days before the construction starts.

**11.2.** The technical supervisor shall have supervision over quality, safety, function, schedule and funding related to the design and construction of buildings and structures, compliance with the Laws and Regulations in construction activities and technical coordination with the Organizer and other Participants.

**11.3.** Participants shall ensure that the appointed Technical Supervisor takes full responsibility for conformity with the “Laws and Regulations” of all the construction activities and the timely technical coordination with the Organizer.

**11.4.** Should the Technical Supervisor not comply with any of the “Laws and Regulations”, the Organizer may direct the Participant concerned to cancel his/her appointment and prohibit his/her access to the construction works site. In such cases the Participant shall abide by the directives given and appoint another Technical Supervisor.

## **CHAPTER IV. TECHNICAL OFFICE, APPLICATIONS AND APPROVALS**

### **Article 12. Technical Office and General Provisions by the Organizer**

**12.1.** The Organizer shall establish a Technical Office composed of architects, engineers and specialists to provide the Participants with the necessary assistance.

**12.2.** The Technical Office shall conduct a preliminary review of the applications, assist them to obtain approval from relevant Qatari authorities and inspect the approved projects during the construction.

**12.3.** The Technical Office shall coordinate, facilitate and expedite the process of obtaining the relevant permits for the participants from the relevant authorities in the State of Qatar.

**12.4.** Participants shall cover the costs of required permits and licenses to be acquired from relevant authorities.

### **Article 13. Approvals and Authorizations**

**13.1.** Participants shall submit their Concept Design of their project along with a construction management plan to the Organizer for preliminary approval within the period of time specified separately by the Organizer to complete the construction works by 24/09/2023 as set out in Article 3 Paragraph 4 of this Special Regulation.

**13.2.** The Organizer shall review the Concept Design submitted by the Participants within 14 days in reference to the Theme Statement and compliance with Laws and Regulations.

**13.3.** Provided that required revisions are made by Participants, the Organizer shall give preliminary approval to the Concept Designs.

**13.4.** Subsequent to the preliminary approval, Participants shall proceed to finalize the Detailed Design of their exhibition project in accordance with Laws and Regulations of the Exhibition along with applying any remarks or comments received from the Organizer during the review process.

**13.5.** Completed Detailed Design Projects shall be subject to approval of the Organizer.

**13.6.** The Organizer shall complete the evaluation of Detailed Design Project and notify the Participants of the results within 14 days.

**13.7.** Participants shall obtain the following approvals and authorizations from the Organizer;

**13.7.1.** Initial approval issued by the Organizer on the basis of the Concept Design submitted by the Participant.

**13.7.2.** Detailed Design approval issued by the Organizer on the basis of the detailed design submitted by the Official Participant.

**13.7.3.** The Organizer shall ensure that the Construction Permits will be provided within 14 days after the Detailed Design is approved.



**13.7.4.** Following the Detailed Design approval, the Organizer shall inform each Participant separately concerning which permits should be obtained.

**13.7.5.** The Participant is solely responsible to provide all the technical and non-technical details required to obtain the required permits to construct their pavilion and develop their garden. The Organizer role is limited to only coordinating, facilitating, and expediting the process of obtaining the relevant permits for the participants from the relevant authorities in the State of Qatar.

**13.8.** No construction works shall be initiated at the indoor and outdoor exhibition areas until such authorizations are fully granted with the exception of preparatory works fall under Article 15.7. of this Special Regulation.

#### **Article 14. Concept Design Approval**

**14.1.** Participants shall submit the Participation Form, which includes a Theme Statement to the Organizer.

**14.2.** Following the approval of the Theme Statement by the Organizer and signing the Participation Contract, Participants shall submit the Concept Design of their exhibition area.

**14.3.** Participants shall prepare the Concept Design of their exhibition area in line with the theme of the Exhibition to the Organizer, as set out in Special Regulation 1 concerning the Definition of the Theme of the Exhibition and the Guidelines for Theme Development by the Organizer and the Participants and Special Regulation 2 concerning the Conditions of Participation in the Exhibition.

**14.4.** The Concept Design submission shall be comprised of all documents listed below;

- Construction management plan
- Design documents for safety management including fire prevention
- Layout of the exhibition area
- Layout of the buildings on the site including floor plans, elevations, sections and layout of outdoor areas and landscaping
- Written description of the project as a design report including design parameters, assumptions and check certificates
- Proposed use of the planned facility and a schedule of works
- Exterior and interior decoration, finishes
- List of materials and products to be used in the construction stage, highlighting any sustainability features and environmentally friendly considerations
- List of machinery, apparatus and equipment to be used during the Exhibition
- Method statement for dismantling and removal of their exhibition areas, along with any other documents that need to be approved by the Organizer

**14.5.** The construction management plan shall include but not be limited to the timeframe of completing construction, internal conversions, transportation of materials, quarantine time, plantation durations, flower arrangements, machinery set up and testing and commissioning durations, installation of exhibits, overall completion duration as well as any other planned activity.

**14.6.** Participants shall subsequently inform the Organizer about their requests for the supply of electricity, water, wastewater disposal and telecommunications.

**14.7.** The Concept Design shall be submitted through an Internet-based platform and 2 hard copies shall be sent to the Organizer in English.

**14.8.** The Organizer shall inform the Participants of any failure to comply with the “Laws and Regulations”, and any errors or omissions that are noted upon examination of the Concept Design. When granting the approval of the Concept Design, the Organizer shall also establish which authorizations will be necessary and inform the Participants.

**14.9.** Participants shall make required amendments to their Concept Design and re-submit them to the Organizer for preliminary approval.

**14.10.** In case the Participants who have preliminary approval and would like to make amendments to their Concept Designs, they should re-submit the Concept Design with the amendments for approval.

### **Article 15. Detailed Design Approval**

**15.1.** The Participants shall prepare the Detailed Design of their exhibition areas following the development of the approved Concept Design and any recommendations received at the previous stage and submit it to Organizer for approval in a timely manner.

**15.2.** According to Laws and Regulations, the Participants shall prepare the following documents to obtain necessary permits;

- Detailed construction and installation, Testing & Commissioning programme
- Detailed descriptions and specifications including list of materials and products to be used in the construction stage, highlighting any sustainability features and environmentally friendly considerations
- Layout of buildings and exhibits, floor plans, plans for interior and exterior finishes method statement including risk assessment (RAMS)
- Details of utility distribution and equipment, facility plans
- Landscape detailed design package, including the list of plants
- Safety management plans including emergency management plan
- Business licenses and insurances of the contractors
- Logistics, security, cleaning and waste management plans
- Emergency plan
- Dismantle and removal plans and programme
- Maintenance plan
- Other documents that need to be approved by the Organizer

**15.3.** For the purpose of emphasizing the horticultural aspect of the exhibitions, Participants may not use more than 20% of their exhibition area as buildings. All elements in the exhibition area should support the horticultural facet of the exhibition.



**15.4.** The application for Detailed Design Project shall be submitted through an Internet-based platform and 2 hard copies shall be sent to the Organizer in English.

**15.5.** The Organizer shall inform the Participant of any failure to comply with the “Laws and Regulations”, and any errors or omissions that are noted upon examination of the Detailed Design and permits. The Organizer may issue the full approval, partial or conditional approval, or refuse approval. Participants shall make required amendments to their Detailed Design and re-submit them to the Organizer for approval.

**15.6.** Construction permits shall be issued for Detailed Design Projects following their approval by the Organizer.

**15.7.** Provided that the Concept Design has been approved by the Organizer, Participants can carry out preparatory works e.g. clearing, levelling and fencing off, after obtaining permission from the Organizer.

**15.8.** Should Participants wish to make revisions to approved documents, they shall go through the same procedure specified in the preceding paragraphs.

#### **Article 16. Non-Approval of Applications**

**16.1.** The Organizer may refuse approval when:

- The information presented is insufficient to demonstrate compliance, is incorrect or is contrary to the “Laws and Regulations” and subsequently the Participants have not corrected the detected areas of non-compliance.
- The exhibition project is not in accordance with the “Laws and Regulations”.

**16.2.** In case the applications are not approved, the Participants shall go through the same procedure specified for the related approval in accordance with Articles 14 and 15 of this Special Regulation.

#### **Article 17. Alteration of Concept and Detailed Designs**

In the event that a Participant carries out construction works different from the approved Concept and Detailed Designs; the Organizer may order the works to be stopped until the above-mentioned approval is obtained.

#### **Article 18. Cancellation of Approval**

The Organizer may revoke approval if the conditions subject to which the approval was granted have not been fulfilled or the approval was granted on the basis of false or incorrect information.

## **CHAPTER V. CONSTRUCTION WORKS AND SUPERVISION**

### **Article 19. Construction**

**19.1.** Construction works shall be carried out by Participants and their contractors during the working hours determined by the Organizer. Exceptions require the approval of the Organizer.

**19.2.** Participants and their contractors may only perform activities including storage and preparations in the exhibition areas allocated to them. Temporary additional space requests should be submitted to the Organizer with sufficient lead time.

**19.3.** The Participants must separate their respective construction works sites, whether these are on building sites for pavilions or exhibition areas within existing buildings (fence off in the case of open sites) and indicate on a panel to be determined by the Organizer, the names, addresses and telephone numbers of the responsible designer, construction manager, and technical supervisor.

### **Article 20. Contractors**

**20.1.** Contractors may be one or more private individuals or legal entities who, on behalf of the Organizer or the Participants, install or construct the approved exhibition facilities (buildings, exhibits, etc.) and perform the necessary changes, alterations, and repairs.

**20.2.** Construction, engineering and technical work on the Exposition Site may only be performed by properly qualified and authorized contractors in conformity with the “Laws and Regulations”.

**20.3.** The Organizer shall recommend qualified construction contractors, engineering and landscape consultancy firms and other service providers to Participants.

**20.4.** The Participants shall ensure that they and their appointed contractors comply with the “Laws and Regulations”.

**20.5.** In case the Participants choose to appoint a non-Qatari registered contracting company; the latter shall apply to relevant Qatari Authorities for obtaining necessary permits. The Participants shall incorporate the required time for such permits within their construction plan referred to in Article 14 Paragraph 4 and 5 of this Special Regulation.

**20.6.** The Participants may appoint specially qualified foreign staff for the construction and installation of their exhibitions, provided that this is done in accordance with the “Laws and Regulations”.

**20.7.** Contractors shall ensure that the permits, authorizations, plans and technical specifications are always available on the construction site for inspection by the Organizer and the relevant local authorities and shall comply with the site procedures established by the Organizer.

### **Article 21. On-Site Manager**

**21.1.** Participants shall appoint an on-site manager as its representative in full charge of their construction site.

**21.2.** The on-site manager shall be responsible for liaising and coordinating with the Organizer and other relevant parties.

**21.3.** Participants shall ensure that their on-site managers comply with the Laws and Regulations.

**21.4.** Participants are solely responsible for any misconduct by their appointed on-site manager and shall be required to take any remedial measures requested by the Organizer as per the Laws and Regulations.

**21.5.** In case the on-site manager violates the Laws and Regulations, The Organizer may, give instructions to the Participant concerned to dismiss the manager concerned. The Participant shall abide by the directives given by the Organizer in such cases.

## **Article 22. Control of the Construction Works**

**22.1.** The Participants shall submit their construction schedules to the Organizer in combination with their implementation plan for approval. The schedules shall include but not be limited to;

- Planned date for the commencement of construction,
- Scheduled dates of the main construction phases to alert inspection requirements,
- Completion deadlines in line with the general schedule of the Exposition.

**22.2.** The Participants shall commence work on the specified date in accordance with the approved schedule and shall complete it within the specified period. If the construction work is found not to meet the approved construction schedule, the Participant shall report in writing to the Organizer the causes and the remedy plans, submit a revised schedule, and follow the Organizer's directives to redress the deficiencies.

**22.3.** The Participants shall collaborate with the Organiser in order to support the implementation of environmentally friendly and safe measures. For this purpose, the Organiser will plan and carry out environmental and safety reviews in agreement with Participants.

**22.4.** The Organizer reserves the right to forbid the commencement of construction work or to order the stoppage of construction work and the removal from the construction works site of all materials and equipment for said work at the cost of the Participants in the following cases:

- The Participant or his contractor, despite a warning of the Organizer performs activities that endanger personal, environmental or material safety.
- The Participant fails to commence said work within 15 days of the scheduled commencement date or fails to commence it within 8 days after a warning is issued by the Organizer.
- The Participant occupies adjoining areas not assigned to him.
- The Organizer considers that the construction work will not be completed on the date of completion stated in the schedule.

## **Article 23. User's Permit**

**23.1.** Participants shall complete all buildings, structures and gardens in accordance with the Laws and Regulations, guidelines issued by the Organizer and approved Detailed Design and inform the Organizer in writing.

**23.2.** The Organizer shall inspect the exhibition area and issue a user's permit to the Participants. This shall take place only once inspection proves that buildings, structures and gardens comply and fulfil all necessary requirements.

**23.3.** In case the Organizer detects any incompliance with Laws and Regulations, approved Detailed Design and guidelines issued by the Organizer after the inspection, Participants shall be given a fixed period to correct all deficiencies and inaccuracies. The Organizer shall conduct an additional inspection following the fixed period and issue the user's permit if the Participant has fulfilled all requirements stated in Article 23.1. of this Special Regulation.

**23.4.** Participants shall not install their exhibits and operate their exhibition areas prior to obtaining a user's permit from the Organizer.

#### **Article 24. Maintenance**

**24.1.** Contractors shall maintain the construction works site clean, safe, and in good order.

**24.2.** Contractors shall be responsible for the orderly arrangement and clearance of construction materials on the construction work site. Failure to do so could result in the removal of materials by the Organizer at the expense of the Participant.

**24.3.** The Organizer may stop any construction work carried out by the Participants and their contractors immediately when the works in question are judged unsafe.

**24.4.** Access of personnel, and transportation on their construction site, shall be controlled by the contractors in accordance with the safety measures corresponding to the nature of the construction activities and in compliance with the "Laws and Regulations". All personnel of contractors and the Participants shall carry identification cards issued by the Organizer.

#### **Article 25. Transportation of Materials**

**25.1.** Participants and their Contractors shall transport materials and control loading activities in such a manner as not to hinder the free flow of general traffic or endanger the safety of pedestrians, and shall respect the transportation rules to, from and on the Exhibition Site. Any damage caused during transportation of materials are to be rectified by the Participants.

**25.2.** The Participants shall submit a transportation plan to be approved by the Organizer and respect the Organizer's requirements related to the routes and schedules both on and off the construction works site.

#### **Article 26. Inspection**

**26.1.** The Organizer may inspect the construction works performed by the Participants and their contractors pursuant to Article 12 paragraph 2 of this Special Regulation. Additionally, relevant Qatari authorities shall have free access to the exhibition areas of Participants to inspect the construction works from the technical and safety aspects.

**26.2.** Representatives of the Organizer and Qatari authorities shall carry evidence of identity regarding their activities.

**26.3.** The inspections shall be coordinated with the Technical Supervisor and the contractors.

#### **Article 27. Insurance**

Participants and their contractors shall obtain the insurances as set out in Special Regulation No. 8 Concerning Insurance, after the necessary permits for construction are received.

### **CHAPTER VI. EXHIBITION AREA SAFETY**

#### **Article 28. Safety Liabilities**

**28.1.** Participants shall take necessary measures to ensure that buildings, structures and remaining exhibition areas are safe and, in a position, to withstand the weights of permanent loads, overloads, vibrational forces, wind forces and rheological loads in the course of construction.

**28.2.** The Organizer has the authority to request Participants to eliminate any hazards during the construction in a set time period.

**28.3.** Participants shall employ contractors with statutory qualifications to carry out the structural design.

**28.4.** Participants shall be liable for any damage, accident or loss caused by a breach of Laws and Regulations related to safety.

#### **Article 29. Garden and Building Materials and Equipment**

**29.1.** Building materials used in the gardens, buildings and structures shall be in conformity with the Laws and Regulations. In the event of a breach of this Article, the Organizer shall give instructions to the Participants concerned to remove such products from the site.

**29.2.** Participants shall obtain approval for building materials and equipment that will be used for the first time in Qatar from the Organizer and relevant Qatari authorities. The Organizer will provide assistance to Participants in obtaining such authorization.

**29.3.** Following the theme and sub-themes of the Exhibition set out in Special Regulation No.1 concerning the Definition of the Theme and Guidelines for Theme Development by the Organizer and the Participants, the Organizer encourages Participants to use environmentally friendly and energy efficient building materials.

**29.4.** Unless otherwise authorised by the Organizer, roofs on buildings and structures shall be made of fireproof materials.

## **CHAPTER VII. EVACUATION ROUTE, ENTRANCE AND EXIT**

### **Article 30. Entrances/Exits, Evacuation Routes, Signage and Lighting**

**30.1.** Participants shall ensure that traffic signs are placed correctly in their exhibition areas to ensure accessibility of the entrance and exit of vehicles, visitors and emergency vehicles.

**30.2.** Participants shall plan evacuation entrances/exits and evacuation routes within their exhibition areas in accordance with the Laws and Regulations. Escape routes should be kept clear of all obstructions not to hinder free passage or emergency evacuation of the public.

**30.3.** Doors on the emergency exit route should swing out in the direction of exit, as indicated in the Laws and Regulations. Clearly visible evacuation signals, emergency lightings and audio signals as specified in Laws and Regulations should be installed along the emergency route.

**30.4.** Non-flammable or fireproof materials shall be used for floors, interior walls/partitions and ceilings along evacuation routes. The electrical & HVAC systems shall be built with fire resistant materials.

**30.5.** Participants shall offer barrier free exhibition areas for persons with disabilities.

**30.6.** The routes for the fire engines should not be blocked or occupied during construction.

## **CHAPTER VIII. FIRE PREVENTION MEASURES AND EQUIPMENT**

### **Article 31. Installation and Maintenance of Fire Prevention Equipment and Apparatus**

**31.1.** Participants shall furnish their exhibition areas with equipment, devices and systems in accordance with Laws and Regulations to prevent and deal with fire. Such equipment shall be indicated on the construction plans and must be linked to the Organizer's central alarm system.

**31.2.** Participants shall guarantee that their staff has had fire safety training and is familiar with the fire emergency plan and able to use fire extinguishing devices.

**31.3.** Participants shall ensure the periodical maintenance and control of the fire prevention and firefighting equipment. They must keep the documentation of completed maintenance and control inspections.

**31.4.** Participants shall prepare an emergency plan for their buildings as set out in Article 36 of this Special Regulation, which should be submitted along with the Detailed Design, in accordance with Article 15.2. of this Special Regulation.

**31.5.** Fire prevention equipment cannot be moved without authorisation from the Organiser.

**31.6.** Fire extinguishing equipment and apparatuses must remain accessible and they must not be used for any other purpose than extinguishing fire.



## **Article 32. Fire Prevention Measures**

**32.1.** Fire prevention measures shall be taken by the Participants on the construction sites in accordance with Laws and Regulations.

**32.2.** The use of open fire is strictly prohibited. Exceptions can only be made in special cases, and in special regard of the fire protection regulations, with prior approval of the Organizer. Flammable materials may only be used with the permission of the relevant authority or with a special permission from the Organizer, and in compliance with the “Laws and Regulations”.

**32.3.** Materials used by the Participants for decoration or other purposes (upholstery, curtains, artificial flowers, etc.) must be fireproof according to ISO and QCS 2014 standards. Fireproofing certificates must be attached to the construction documentation and technical descriptions of the building and interior work submitted to the Organizer. The lack of such documentation may result in the refusal to grant the user’s permit. The Organizer reserves the right to perform tests on the premises of the building or exhibition area on materials that have been identified by the Participants as having been fire proofed.

**32.4.** Materials that give off toxic or corrosive gases or release burning drops when they burn shall not be used for construction, decoration and finishing.

**32.5.** The Participant and contractors must establish storage facilities when storing paint, oil and other such flammable materials; flammable materials may only be stored in quantities permitted by the “Laws and Regulations”. The entry door to such facilities should clearly indicate the storage of combustible materials with the legally required sign and designation.

**32.6.** Only as much quantity of flammable materials may be stored on the construction works site as are required for a single day's operation of exhibited equipment or other Participant activities. Flammables must be delivered in properly sealed metal containers. Any intention to store flammables must be submitted in writing together with the preliminary project, indicating data related to the quantity and technical specifications of the stored materials.

**32.7.** Participants shall keep items made of combustible materials at a safe distance from heat sources likely to cause an easy and rapid inflammation defined in accordance with the characteristics of the said materials.

**32.8.** Smoking shall be strictly prohibited in the gardens, buildings and structures.

## **CHAPTER IX. ENVIRONMENTAL PROTECTION**

### **Article 33. Environmental Protection**

**33.1.** Participants must ensure that environmental protection, health, radiation protection and security requirements and limits set out in the “Laws and Regulations” are respected at all times within their exhibition area. Special attention must be paid to avoid water and air pollution, soil contamination, generation of harmful noise and vibration, and the production of hazardous waste; special care shall be

taken for the proper management, storage and disposition of hazardous waste.

**33.2.** Representatives of the competent authority on the exhibition site working closely with the Organizer shall control compliance with the relevant environmental protection regulations as well as the adequacy of protection (i.e., effectiveness of instruments and devices used in environmental protection).

**33.3.** The Organizer may order the cessation of harmful impact on the environment, at the expense of the Participants. In case of non-compliance with such an order, the Organizer shall proceed to stop the activities causing pollution and restore any area that may have been damaged at the expense of the Participants.

**33.4.** The Participants shall give prior notice to the Organizer of any proposed delivery, use or storage of radioactive materials and devices containing sources of radiation, indicating the quantity and levels of radiation, and shall include such information during the submission of their projects for preliminary approval.

**33.5.** Participants shall be held responsible for damages to the environment resulting from breaching the Laws and Regulations during construction.

## **CHAPTER X. PUBLIC UTILITIES**

### **Article 34. Public Utilities**

**34.1.** The Organizer shall provide for all Participants the basic public utility systems to the point of connection on the perimeter of their allocated exhibition area. Details regarding the conditions of supply and use of water, electricity, telecommunications and other services are set out in Special Regulation No. 10 concerning General Services.

**34.2.** The Organizer shall provide and assist Official Participants with temporary access to utility services as water, electricity, telecommunications and waste disposal for construction.

**34.3.** Participants shall inform the Organizer in advance about their daily demand of electricity, telecommunications and water supply.

## **CHAPTER XI: SAFETY AND SANITATION FACILITIES**

### **Article 35. Labour Safety on Construction Sites**

**35.1.** Participants and their contractors shall comply with safety regulations.

**35.2.** Vehicles which will be working on the construction sites shall follow the designated traffic routes and parking spaces, respect traffic rules, instructions and speed limits. During the construction works

no vehicles will be allowed to enter the exhibition site, which are not directly involved in the transport or the placement of construction or exhibition materials.

**35.3.** Participants and their contractors shall obtain prior approval from the Organizer for using any part of routes and/or spaces in order to carry out construction works.

**35.4.** Participants shall ensure that each machinery and tools on the construction sites are in good condition, function well and are kept safely. Participants are responsible for routine controls of these machineries and tools, keeping records and training the staff for the machines and tools.

**35.5.** Participants shall install warning signs, fall protection facilities, safety net, eye-shields and demarcation or fencing-off of spaces.

**35.6.** Participants shall ensure that warning signs are placed in areas where cranes are in operation. For the device, a supervisor shall be designated to check and inspect during their operation.

**35.7.** Participants shall submit the plans for the installation and dismantling of scaffolds and the materials to be used to the Organizer for approval.

**35.8.** Participants shall obtain the approval of the Organizer to implement scaffolds before its installation.

**35.9.** The elements of scaffolds shall be solid, secure and in accordance with Laws and Regulations. Damaged, warped or unsuitable materials in the installation of scaffolds shall be prohibited to use. Participants shall ensure that scaffolds are regularly maintained to ensure safety.

**35.10.** The Organizer will give instructions to Participants to remove safety hazards related to scaffolds. On the construction site, warning signs or appropriate protection shall immediately be implemented in concerned position when an unprotected or unmarked hazardous area is noted.

**35.11.** All persons entering the construction site must adhere to the on-site safety requirements and put on full Personal Protective Equipment (PPE) on the construction site.

### **Article 36. Construction Protection**

**36.1.** Participants shall provide safety barriers and suitable equipment to safeguard against burglary, collision, the use of dangerous chemicals, explosives, toxic products, and fire hazards on their construction sites.

**36.2.** In compliance with the standards specified by the legislation of Qatar, Participants shall ensure that they use quality wires and fittings, install lightning protection and earthing facilities on high scaffolds, derricks, cranes, electrical safety and protection devices on their construction sites to provide safety on the use of electricity. Participants shall only work with qualified electricians.

**36.3.** Participants shall install warning signs on their construction sites pursuant to the relevant Laws and Regulations.

**36.4.** In the event of natural disaster or any force majeure, Participants shall immediately stop the construction and provide security for their personnel. Participants may continue their construction activities after the Organizer's announcement of the end of the disaster and the hazardous situation has passed. The Organizer shall inform Participants about the meteorological conditions.

**36.5.** Personnel of the Participants shall not live at the construction areas. Participants shall make hygiene and comfort facilities available to their personnel during construction including temporary lavatories, changing rooms, food preparation and consumption areas and storage facilities. All proposed arrangements within the project site shall be made in full coordination with the main Contractor and the approval of the Organizer.

**36.6.** Participants shall take appropriate steps to keep construction sites and temporary working facilities in clean and hygienic conditions. In accordance with Laws and Regulations, each construction site shall have a duly labelled first-aid kit containing medication and equipment. The Organizer shall inspect these areas and shall give instructions for correction if necessary.

**36.7.** Participants shall notify and immediately report to the Organizer any serious incident or accident occurred during the construction and the Exhibition.

### **Article 37. Emergency Plan**

**37.1.** Pursuant to Laws and Regulations, each Participants shall prepare an Emergency Plan to cope with any accidents, fire, leakages, disasters and hazards and inform their personnel about their respective roles in emergencies. Participants shall submit a copy of the Emergency Plan to the Organizer as part of the Detailed Design of their exhibition area, in accordance with Article 15.2. of this Special Regulation.

**37.2.** In the Emergency Plan, the competent organization, manpower, job, definitions, measures to control hazards, procedures for assistance, ways of exchanging information and training for Emergency Plan shall be indicated by the Participants.

**37.3.** The Participants shall take the necessary preventions and display their Emergency Plan on the construction site in a visible manner. Periodic staff trainings and practices implementing the plan with sufficient manpower shall be performed by Participants.

**37.4.** Participants shall keep and maintain first-aid kits in their exhibition areas.

**37.5.** In the event of a serious incident or accident, Participants shall contact the local emergency number (911) and subsequently notify the Organiser.

### **Article 38. Maintenance of Exhibition Areas**

**38.1.** Participants shall keep their works, facilities, exhibition areas in good and hygienic condition and bear the costs.

**38.2.** The Organizer may check the exhibition spaces to inspect regarding to their maintenance, placement of items, safety facilities and fire prevention, equipment, etc. For maintenance of the exhibition spaces, the Organizer may give instructions to Participants if it is deemed necessary.

**38.3.** If a Participant fails to act as specified, the Organizer reserves the right to take necessary measures to correct the situation in compliance with Article 4 of this Special Regulation.