Please take a look at the following questionnaire and try to answer correctly and accurately, as many questions as possible. All the information gathered here will be kept strictly confidential and will be used only for research and analysis without mentioning the person or company names. Thank you very much for your cooperation.

**Part(1) : General information:**

1- What is your business?
   - Contractor
   - Consultant
   - Client/ Client representative.

2- What is the sector type you work for?
   - Public
   - Private
   - Both

3- What is/are the size of project/s have you participated in?
   - Very large
   - Large
   - Medium

4- How long have you been dealing with construction projects ?
   - < 5 Years
   - 5-10 years
   - 10-15 years
   - > 15 years
Part(2) : Which of the following are most important delays associated with your ongoing project(s)? Please rate the Chance of Occurrence, Responsibility and Type of Delay by circling a suitable figure as indicated below:-

Scale of Chance of Occurrence: A- Always, S- Sometimes, R- Rarely.

Scale of Responsibilities: Own= Owner, Cont= Contractor, Cons= Consultant, Gov= Government.

Scale of Type of Delay: 1=Non-Excusable, 2=Excusable-Non-Compensable, 3= Excusable-Compensable, 4= Concurrent.

<table>
<thead>
<tr>
<th>Delays Causes</th>
<th>Responsibility</th>
<th>Chance of Occurrence</th>
<th>Type of Delay</th>
</tr>
</thead>
</table>

1- financial related
- Difficulties in financing project
- Economic Problems
- Financial Difficulties
- Delay in progress payments

2- design related
- Delays in producing design documents Design
- Unclear and inadequate details in drawings Design
- Complexity of project design
- Misunderstanding of owners requirements
- Inadequate design-team experience
- Un-use of advanced engineering design softw
- Change Order
### 3- Act of god

- Wind Damage
- Rain effect on construction activities
- Hot weather effect on construction activities
- Fire

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### 4- management related

- Conflicts between parties
- Poor communication and coordination on site
- Poor site management
- Poor site supervision
- Application of safety rules during construction
- Delay in performing final inspection and certification
- Slowness in decision making
- Rework due to errors during construction
- Ineffective planning and scheduling of project
- Improper construction methods implemented
- Poor Managerial Skills
- Changes in government regulations and laws
- Problem with neighbors

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### 5- Construction Related

- Delay in obtaining permits for construction
- Inspections
- Delay in materials delivery
- Changes in material types and specifications during construction
- Delay in manufacturing special building materials
- Late procurement of materials
- Late in selection of finishing materials due to availability of many types in market
- Lack of Qualified Craftsmen
- Shortage of labors
- Nationality of labors
- Personal conflicts among labors
- Poor Subcontractor Performance
6- Social and behavioral Related :

- Lack of trained craft workers
- A large number of illiterate workers
- Unqualified foreman
- Seasonal employment
- Verbal agreement between the contractor and subcontractor
- Multi-national firms
- Multi-national labor
- Lack of productivity in the month of Ramadan

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THANK YOU VERY MUCH