**Construction Delay Questionnaire**

Dear Sir/Ma’am,

This questionnaire is designed to gather responses for a study on the cause of delay for construction projects in Bangladesh. You have been identified due to your experience in construction industries as a potential respondent.

Thank you*.*

**Responder’s Detail:**

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| --- |
| Your highest qualification.  Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  PhD  M.Sc./M.Tech  B.Sc./B.Tech  HND |
| Position you have held in construction industry.  Others \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Contractor  Consultant  Quantity Surveyor  Architect |
| Approximate size of project you have in mind.  N11-30mil  N81-200mil  Above N200mil.  N30-80Mil  N1-10mil |
| Years of experience in construction industry.  Above 20 years.  16–20 years  11–15 years  6–10 years  0–5 years |

***PLEASE PROVIDE ANSWERS TO THE QUESTIONS IN THIS QUESTIONNAIRE BASED ON ANY SINGLE CONSTRUCTION PROJECT YOU HAVE WORKED ON IN THE PAST.***

**Section A:**

| For each of the questions below, tick the response that best characterises how the following statements affected the project.  **1** = 0 – 20% extra of initial schedule duration, **2** = 21 – 40% extra of initial schedule duration,  **3** = 41 – 60% extra of initial schedule duration, **4** = 61- 80% extra of initial schedule duration and  **5** = 81 – 100% extra of initial schedule duration (i.e. twice initial schedule duration).  Where a project does not have an official schedule/program of work indicating the duration of the project, please use an assumed duration that such a project would have taken, or the duration based on an agreed date of completion with the client. | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Rate how the following affected the duration of the project?** | 1 | 2 | 3 | 4 | 5 |
| 1 | Equipment breakdown/ Management. |  |  |  |  |  |
| 2 | Inflation or sudden increase in good/commodities. |  |  |  |  |  |
| 3 | Labour dispute or strikes. |  |  |  |  |  |
| 4 | Effective or poor communication among stakeholders. |  |  |  |  |  |
| 5 | Inclement or bad weather. |  |  |  |  |  |
| 6 | Contractors’ financial difficulties. |  |  |  |  |  |
| 7 | Structural design variations. |  |  |  |  |  |
| 8 | Late deliveries of materials/equipment. |  |  |  |  |  |
| 9 | Changed orders/ discrepancies in contract documents. |  |  |  |  |  |
| 10 | Price fluctuation. |  |  |  |  |  |
| 11 | Contract management. |  |  |  |  |  |
| 12 | Decision making. |  |  |  |  |  |
| 13 | Cash flow during construction. |  |  |  |  |  |
| 14 | Government regulations. |  |  |  |  |  |
| 15 | Material procurement. |  |  |  |  |  |
| 16 | Site conditions-related unforeseen circumstances (e.g. unanticipated groundwater, quicksand, mud, rock formations etc). |  |  |  |  |  |
| 17 | Political Influence. |  |  |  |  |  |

**Section B:**

For each of the questions below, tick the response that best describes how detailed the schedule of the project was in the following statement, where **1** = **No Schedule**, **2** = **Basic Schedule**, **3** = **Good Schedule** **4** = **Detailed Schedule** and **5** = **Detailed and Frequently Updated Schedule**.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 |
| 1 | To what level of detail was the schedule/program of work of the project? |  |  |  |  |  |

**Section C:**

For each of the questions below, tick the response that best describes the frequency for the following statement, where **1** = Zero, **2** = Scarcely, **3** = Medium level **4** = Frequently and **5** = Very frequently.

**Zero** (None),  **Scarcely** (1 -10% of project duration e.g. 10% if it happened on 10 different days on a 100 days duration project),  **Medium level** (30% of project duration), **Frequently** or **Very frequently**.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **What frequency would you give for the following statement?** | 1 | 2 | 3 | 4 | 5 |
| 1 | How frequently did accident occur on the site? |  |  |  |  |  |
| 2 | How frequent did quality control occur in the project? |  |  |  |  |  |

**Section D:**

For each of the questions below, circle the response that best characterises the percentage you will give each statement, where **1** = 20%, **2** = 40%, **3** = 60%, **4** = 80% and **5** = 100%.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **What percentage would you give for the following statement?** | 1 | 2 | 3 | 4 | 5 |
| 1 | What proportion of the payment made was late? |  |  |  |  |  |
| 2 | What proportion of workers were unskilled labourers? |  |  |  |  |  |
| 3 | What percentage of ordered materials was delivered late by suppliers |  |  |  |  |  |

**Section E:**

Where:

**1** = 0 – 20% extra of initial schedule duration, **2** = 21 – 40% extra of initial schedule duration,

**3** = 41 – 60% extra of initial schedule duration, **4** = 61- 80% extra of initial schedule duration and

**5** = 81 – 100% extra of initial schedule duration (i.e. twice initial schedule duration).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | 1 | 2 | 3 | 4 | 5 |
| 1 | How long was the entire project delayed for? |  |  |  |  |  |