**Project Builders Risk – Civil Infrastructure Supplement**

*(To be completed when project will involve at or above grade highway or bridge work)*

**SECTION 1 – CIVIL PROJECT VALUE BREAKDOWN**

**Please indicate which of the components will be part of this project (select all that apply):**

[ ]  Roadway – At Grade [ ]  Bridge – Truss / Tied Arch

[ ]  Roadway – Elevated [ ]  Bridge – Cable Stay / Suspension

[ ]  Interchange / Fly-over [ ]  Bridge – Bascule / Movable

[ ]  Bridge – Plate Girder [ ]  Bridge – Pontoon

[ ]  Bridge – Box Girder [ ]  Other:

**Value Breakdown**

**SECTION 2 – GENERAL PROJECT DETAIL**

|  |  |  |
| --- | --- | --- |
| **Component** |  |  |
| Roadway (at grade / elevated) | $ | Enter $ or “Not Applicable” |
| Bridge |  |  |
|  | Main Span | $ | Enter $ or “Not Applicable” |
|  | Additional Bridge Spans | $ | Enter $ or “Not Applicable” |
|  | Abutments | $ | Enter $ or “Not Applicable” |
|  | Temporary Structures | $ | Enter $ or “Not Applicable” |
| Balance of Civil Work | $ | Enter $ or “Not Applicable” |
| **Total Hard Cost Values** | **$** | **Total Hard Costs** |
| **Delay in Completion** | **$** | **Enter Delay or “Not Applicable”** |
| *(if any please provide detailed breakdown)* |  |  |
| **Total Project Value** | **$** | **Provide Total Project Value** |

**Project Delivery Method** Please select from list

**Is a project site overlay available (e.g., kmz file)?** [ ]  Yes [ ]  No

**Provide detail regarding the laydown area as it pertains to the site plan:**

Provide laydown area detail here

**Site Laydown Area outside flood zone?** [ ]  Yes [ ]  No

If “No”, please provide explanation of steps to safeguard materials:

Safeguard measures explanation

**Geotechnical Report (please provide a copy)**

Has a geotechnical report be completed and not older than 3-5 years? [ ]  Yes [ ]  No

If “No”, are there plans to complete one prior to construction start? [ ]  Yes [ ]  No

**Third Party Engineering Review**

Will there be any third-party engineering reviews conducted? [ ]  Yes [ ]  No

If so, in what areas of construction will they be done? Explain or leave as “N/A”

**Crane / Equipment Use Exposure**

Will there be any tandem lifts? [ ]  Yes [ ]  No

If cranes used, where will be operated from (e.g., land, manmade pier)? Provide location

What will be lifted / set in place? Describe components, material to be lifted

If other large, critical equipment will be used on the project, please provide detail around equipment and usage:

|  |
| --- |
| Critical equipment detail and usage |

**SECTION 3A – ROADWAY SPECIFIC DETAIL**

*(Only complete this section if the project involves roadway work)*

**Intended Occupancy:** Please select from list If “Other”, please explain:

If “Lane / Road Widening”, when will work take place? [ ]  Day [ ]  Night [ ]  Weekends

**Length of Roadway:** Enter distance miles

**Roadway Material:** Please select from list **Interchange Construction:** Please select from list

If “Other” was selected for roadway or interchange, please provide description:

|  |
| --- |
| Provide description of “Other” selection |

**What sort of terrain will the structure(s) be built on / over?**

|  |
| --- |
| Provide detail if roadway or interchange will be built over flat, hilly, mountainous, etc terrain |

**Soil Retention**

Please provide detail regarding necessary Support of Excavation (SOE) during construction:

|  |
| --- |
| Description of necessary SOE work during project |

What will the final retention structure be? Select from list

If “Other”, please describe below:

|  |
| --- |
| Provide description of final retention structure |

**Are there any known soil conditions noted in Geotech such as known sinkholes, underground exposures (e.g., abandoned mines), or soil (e.g., Karst, limestone, clay, etc) that may be present along or adjacent to the project length that may require additional construction consideration?**

[ ]  Yes [ ]  No

If “Yes”, please provide a detailed description and the steps being taken to mitigate the exposure:

|  |
| --- |
| Provide description of identified condition and mitigation actions |

*(Only complete this section if the project involves bridge work)*

**SECTION 3B – BRIDGE SPECIFIC DETAIL**

**Main Span** *(select all that apply)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Box / Deck Girder* | [ ]  Single Cell | [ ]  Multiple Cell | [ ]  Multi Cell | [ ]  Segmental | [ ]  Cantilevered |
| [ ]  Riveted Plate | [ ]  Welded Plate | [ ]  Steel | [ ]  Prestressed Concrete | [ ]  Reinforced Concrete |
| *Arch / Truss* | [ ]  Arch | [ ]  Tied Arch | [ ]  Truss | [ ]  Steel | [ ]  Concrete |
| *Cable Stayed / Suspension* | [ ]  Cable Stayed | [ ]  Suspension |  |  |  |
| *Bascule / Moveable* | [ ]  Single Leaf | [ ]  Double Leaf | [ ]  Rolling Leaf | [ ]  Vertical Lift | [ ]  Swing |
| *Pontoon* | [ ]  All Types |  |  |  |  |
| *Other:* | Provide description if different than above |  |  |

Number of Spans: Enter # of Spans

Maximum Span Length: Maximum Span feet

Average Span Length: Average Span feet

For Cable Stayed or Suspension Bridge: Enter # of towers towers

**Approach Spans**

Construction Type: Please provide what spans will be constructed of

Number of Spans: Enter # of Spans

Maximum Span Length: Maximum Span feet

Average Span Length: Average Span feet

**Piers / Pilings**

Identify the construction type used and the number of piers / pilings that will be constructed.

 **Type Number**

[ ]  Reinforced Concrete Enter #

[ ]  Pre-stressed Concrete Enter #

[ ]  Cylindrical Pile Enter #

[ ]  Stone Block Enter #

[ ]  Wood / Timber Enter #

**Earth Movement:**

**SECTION 4 – NATURAL CATASTROPHE EXPOSURE**

|  |  |
| --- | --- |
| If unstable soil identified, what actions are to be taken? |   |
| Support of Excavation Method to be used? | Provide type / method to be used |
| Confirm that all recommendations from Geotechnical Report to be followed: [ ]  Yes [ ]  No |  |

**Flood:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Will Cofferdams be used? |  [ ]  Yes [ ]  No |  | Type of Cofferdam: | [Enter here] |
| Height over Mean Water level: |  ft |  | Dewatering Expected / Needed? | [ ]  Yes [ ]  No |
| Height over 100 yr. flood level: |  ft |  | If so, what backup power will be utilized in event of grid outage? | Select |

**Named Storm:**

|  |  |  |
| --- | --- | --- |
| Structural Wind Load Design: | Enter Rating MPH |  |
|  |  |  |
| If a bridge – will spans be post tensioned? |  | [ ]  Yes [ ]  No |
|  |  |  |
| Wind Speed Restriction for Crane Picks | Enter Impact Speed Rating MPH |
|  |  |

**Emergency Preparedness Plan**

Does the project have a site-specific Emergency Preparedness Plan? [ ]  Yes [ ]  No

Please indicate which events are included within plan as it pertains to pre-planning and site preparation:

[ ]  Earth Movement [ ]  Flood / Surge [ ]  Named Storm [ ]  Severe Convective Storm [ ]  Wildfire

Has the plan been shared with the appropriate authorities (e.g., Police, Fire, EMT, etc)? [ ]  Yes [ ]  No

**SECTION 5 – ADDITIONAL DETAILS**

**In the event that there is additional information or detail regarding this project that was not otherwise addressed or called out in this questionnaire but which you believe is important for underwriting to be aware of, please provide your comments below.**

|  |
| --- |
| Provide any additional commentary regarding the project here |