|  |
| --- |
| **General Project Specifications** |

|  |  |
| --- | --- |
| Project Name: | Click here to enter text |

|  |  |  |  |
| --- | --- | --- | --- |
| Project Location: | Click here to enter text | Project Managers: | Click here to enter text |

|  |  |
| --- | --- |
| Major Challenges: | Click here to enter text |

|  |  |
| --- | --- |
| Major Project Stakeholders: | Click here to enter text |

|  |  |
| --- | --- |
| Major Features of Work: | Click here to enter text |

|  |  |
| --- | --- |
| Substantial Design and Construction Requirements: | Click here to enter text |

|  |  |
| --- | --- |
| Task Responsibilities Reserved by Owner: | Click here to enter text |

|  |
| --- |
| **Schedule Information** |

|  |  |  |  |
| --- | --- | --- | --- |
| Required Delivery Date: | Click here to enter text | Estimated Project Delivery Duration: | Click here to enter text |

|  |  |  |
| --- | --- | --- |
| Major Schedule Milestones: | Milestone | Date |
|  | Click here to enter text | Click here to enter text |
|  | Click here to enter text | Click here to enter text |
|  | Click here to enter text | Click here to enter text |
|  | Click here to enter text | Click here to enter text |

|  |
| --- |
| **Financial Information** |

|  |  |  |  |
| --- | --- | --- | --- |
| Estimated Project Budget: ($) | Click here to enter text | Payback Period: | Click here to enter text |

|  |  |
| --- | --- |
| Return on Capital Investment: (%) | Click here to enter text |

|  |  |
| --- | --- |
| Sources of Funding: | Click here to enter text |

|  |
| --- |
| **Project Goals** |

An understanding of project goals is essential to appropriate project delivery selection. Typically, the project goals can be defined in three to five items.

Project goals set the stage for decision-makers throughout the project life cycle and keep project priorities before decision-makers as they analyze different alternatives.

|  |  |
| --- | --- |
| Schedule Goal: | Click here to enter text |

|  |  |
| --- | --- |
| Cost Goal: | Click here to enter text |

|  |  |
| --- | --- |
| Quality Goal: | Click here to enter text |

|  |  |
| --- | --- |
| Sustainability Goal: | Click here to enter text |

|  |  |
| --- | --- |
| Other Goal: | Click here to enter text |

|  |
| --- |
| **Alternate Project Delivery Selection Matrix** |

*Evaluate each delivery method per the definition provided for each evaluation criteria.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **×** : Fatal Flaw | **NA**: Not Applicable | **--** : Least Appropriate | **+** : Appropriate | **++** : Most Appropriate |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Evaluation Matrix** | | | | |
|  | DBB | CMAR | Progressive DB | Prescriptive DB |
| **Level of Design** | | | | |
| **O & M Considerations** | Select an item | Select an item | Select an item | Select an item |
| The ability for the owner to implement its preferred operations and maintenance methodology using the procurement method. | Comments: Click here to enter text | | | |
| **Sustainability** | Select an item | Select an item | Select an item | Select an item |
| The ability for the project to be sustainable over its design life using the procurement method. | Comments: Click here to enter text | | | |
| **Level of Owner Control** | Select an item | Select an item | Select an item | Select an item |
| The ability for the owner to exercise control of the project given the contract resulting from the procurement method. | Comments: Click here to enter text | | | |
| **Project Quality** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the procurement method impacts the quality of the project including opportunities for innovation in design, construction, and project delivery. | Comments: Click here to enter text | | | |
| **Owner Resources (Staffing)** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the procurement method will impact the owner’s staffing needs. | Comments: Click here to enter text | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Schedule** | | | | |
| **Implementation Schedule** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the procurement method impacts the project implementation schedule. | Comments: Click here to enter text | | | |
| **Construction & Operational Flexibility** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the procurement method allows for changes to the project if operational or construction improvements are identified during design or construction. | Comments: Click here to enter text | | | |
| **Cost** | | | | |
| **Cost Competitiveness** | Select an item | Select an item | Select an item | Select an item |
| The ability of the procurement method to produce a project cost that is within the range of costs for other methods of delivery. | Comments: Click here to enter text | | | |
| **Cash Flow** | Select an item | Select an item | Select an item | Select an item |
| The ability of the procurement method to meet cash flow requirements consistent with the owner’s financial plans and funding level. | Comments: Click here to enter text | | | |
| **Cost Certainty** | Select an item | Select an item | Select an item | Select an item |
| The point at which the procurement method provides cost certainty. | Comments: Click here to enter text | | | |
| **Market & Industry Viability** | Select an item | Select an item | Select an item | Select an item |
| The ability of the procurement method to result in a competitive process under current market conditions. | Comments: Click here to enter text | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Risk Allocation** | | | | |
| **Project Size & Complexity** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the project’s size and complexity provides an opportunity to realize the advantages associated with the procurement method. | Comments: Click here to enter text | | | |
| **Impact on Public** | Select an item | Select an item | Select an item | Select an item |
| The extent to which the procurement method will reduce or minimize the impact to the public | Comments: Click here to enter text | | | |
| **Legislative and Legal** | Select an item | Select an item | Select an item | Select an item |
| The ability of the procurement method to readily meet State and owner procurement requirements. | Comments: Click here to enter text | | | |
| **Risk Allocation** | Select an item | Select an item | Select an item | Select an item |
| How the procurement method allocates financial risk. | Comments: Click here to enter text | | | |
| **Regulatory Compliance** | Select an item | Select an item | Select an item | Select an item |
| The ability for the owner to comply with regulatory and permitting requirements that will be imposed on the project using the procurement method. | Comments: Click here to enter text | | | |
| **Right of Way & Environmental Permitting Control** | Select an item | Select an item | Select an item | Select an item |
| The ability of the owner to meet timing requirements for the acquisition of right-of-way or environmental permits using the procurement method. | Comments: Click here to enter text | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **×** : Fatal Flaw | **NA**: Not Applicable | **--** : Least Appropriate | **+** : Appropriate | **++** : Most Appropriate |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Summary Matrix** | | | | |
|  | DBB | CMAR | Progressive DB | Prescriptive DB |
| **Level of Design** | | | | |
| O&M Considerations | Select an item | Select an item | Select an item | Select an item |
| Sustainability | Select an item | Select an item | Select an item | Select an item |
| Level of Owner Control | Select an item | Select an item | Select an item | Select an item |
| Project Quality | Select an item | Select an item | Select an item | Select an item |
| Owner Resources (Staffing) | Select an item | Select an item | Select an item | Select an item |
| Implementation Schedule | Select an item | Select an item | Select an item | Select an item |
| Construction and Operational Flexibility | Select an item | Select an item | Select an item | Select an item |
| Cost Competitiveness | Select an item | Select an item | Select an item | Select an item |
| Cash Flow | Select an item | Select an item | Select an item | Select an item |
| Cost Certainty | Select an item | Select an item | Select an item | Select an item |
| Market & Industry Viability | Select an item | Select an item | Select an item | Select an item |
| Project Size & Complexity | Select an item | Select an item | Select an item | Select an item |
| Impact on Public | Select an item | Select an item | Select an item | Select an item |
| Legislative & Legal | Select an item | Select an item | Select an item | Select an item |
| Risk Allocation | Select an item | Select an item | Select an item | Select an item |
| Regulatory Compliance | Select an item | Select an item | Select an item | Select an item |
| Right of Way & Environmental Permitting Control | Select an item | Select an item | Select an item | Select an item |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Summary Matrix** | | | | |
|  | DBB | CMAR | Progressive DB | Prescriptive DB |
| Final Project Delivery Selection | Select an item | Select an item | Select an item | Select an item |
| Comments | Click here to enter text | Click here to enter text | Click here to enter text | Click here to enter text |

*This PDSM was developed through research at the University of Colorado Boulder.  We are providing this selection tool in a Word format so that owner agencies, engineers, design-builders and contractors can modify the content to suit their unique needs.  We are happy to provide this tool at no cost.  The University of Colorado would only ask that you send us any comments to improve the PDSM.  We would also like to request a copy of your completed PDSM for our project database.  We will only use these data in aggregate to better understand what is driving project delivery decisions across the industry.  The details of your project data will not be associated with the project name in any forum without prior consent.  Please send any comments or completed PDSMs to* [*Keith.Molenaar@Colorado.EDU*](mailto:Keith.Molenaar@Colorado.EDU)*. To do so, please click on the button below…*

*[](mailto:Keith.Molenaar@colorado.edu?subject=Completed%20Abridged%20PDSM%20Copy)*