# PART 2

# TECHNICAL PROPOSAL ADMINISTRATIVE REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

## Firm Name:

## BE SURE TO INCLUDE YOUR BUSINESS REGISTRATION CERTIFICATE AND YOUR CHAPTER 51 PAY TO PLAY CERTIFICATION

|  |  |
| --- | --- |
| Section 2**CERTIFIED FIRM UTILIZATION** | INSTRUCTIONS: DESCRIBE YOUR PLAN TO MEET GOALS BY IDENTIFING THE PROPERLY CERTIFIED FIRMS AND THE WORK DISCIPLINES THESE FIRM(S) WILL PERFORM. |
| FEDERAL GOAL 12.49% ESBE |  |
|  |
|  See the Solicitation form for this project’s participation. |
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| --- | --- |
| Section 3ADDITIONAL RESOURCES REQUIRED | INSTRUCTIONS: LIST BELOW RESOURCES AVAILABLE TO MEET EACH REQUIREMENT. |
| **NR** |  |

|  |  |
| --- | --- |
| Section 4TEAM COMMITMENT/CERTIFICATION | INSTRUCTIONS: SIGN AND DATE |
| I certify on the behalf of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (the firm), that the staff proposed in this Technical Proposal will be used in the performance of this project, and will be available for assignment to this project as of the anticipated start date. I also certify all projects utilizing same team “Project Manager and Key Staff” will be completed on time. I further certify that the information set forth and statements made in the foregoing Technical Proposal are true, accurate and consistent with the records maintained by the individual, partnership or corporation submitting this Technical Proposal and will be available for the completion of this project. I also certify, to the best of my knowledge, that the firm and its employees have not had access to any confidential information of the New Jersey Department of Transportation, which was not made available to all firms. |
| **SIGNATURE, PRINCIPAL OF FIRM** | **DATE** |

# PART 3

#  PROJECT MANAGER’S PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Proposed Project Manager:**

**PROJECT MANAGER: Experience on Similar projects on projects of this Size & Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |  |
| --- | --- | --- | --- |
| Section 5PROJECT SPECIFIC**QUALIFICATIONS**  | **INSTRUCTIONS: List below next to each requirement the Project Manager’s qualifications.** **Enclose resume describing experience for each requirement indicated.** | TOTAL**SCORE** | **MAX****SCORE****20** |
| **REQUIREMENTS** | QUALIFICATIONS |
| 1. Bachelors Degree
 |  |  |
| 1. New Jersey P.E. License
 |  |  |

 SUB TOTAL \_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| SECTION 6**PROJECT MANAGEMENT EXPERIENCE ON SIMILAR PROJECTS** | **INSTRUCTIONS: Enclose a highlighted resume describing project management experience in the following Project Management knowledge areas listing up to 3 projects for the proposed Project Manager. NOTE: At a minimum, 2 project(s) should be of a similar size and complexity as described below, but are not required to be projects that completed the entire delivery process.****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**1. Experience in NJDOT Project Delivery Process with the management of at least one transportation project with similar size and complexity from Preliminary Design/Engineering phase through the completion of Construction within last 15 years. Deputy Project Management experience can be applied **for** 2 projects.2. Experience with FHWA's NEPA process.3. Experience in maintaining Project's Budget, Schedule, Scope and Quality Management and should have been directly responsible for budget, schedule and delivery of Design Documents/ Study Reports.4. Experience in Project's Public Outreach.5. Experience in project(s) of similar size and complexity should have included-Highway Design including Geometric Design and/or Drainage Design and/or MPT and/or Access Design and/or Utility Relocation.-Structural Design including Bridge Replacement and/or Superstructure Replacement and/or Deck Replacement and/or Bridge Rehabilitation and/or Geotechnical and Foundation Design and/or Substructure Design and/or Retaining Wall Design. 6. Experience in Construction Engineering including Shop Drawing Reviews, Construction Schedule Reviews, and preparation of Change of Plans.  | TOTAL **SCORE****\_\_\_\_\_\_\_\_\_\_** | MAX**SCORE****120** |

 SUB TOTAL \_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Section 7**REFERENCE CHECKS FOR****PROJECT MANAGER** | INSTRUCTIONS: List below 3 similar projects managed in the last 10 years. Project No. 1 (below) must be substantially complete through construction in the last 10 years. The maximum score assigned to this referenced project is 30 points. Projects No. 2 & 3 (below) must be completed (at a minimum) through preliminary or final design or equivalent phase in the last 10 years. The maximum score assigned to these referenced projects is 15 points for each.  | MAX**SCORE****NR** |
| SIMILAR PROJECT | BRIEF DESCRIPTION | TOTAL**SCORE** |
| 1. |   |  |
| 2. |  |  |
| 3.  |  |  |

 SUB TOTAL \_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| TOTAL FOR SECTION 5, 6 & 7 |  |
| X WEIGHT % | **15%** |
| FINAL SCORE FOR PROJECT MANAGER |  |
|  |  |
|  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

####  Similar Project

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 8ORGANIZATION CHART | **INSTRUCTIONS: Enclose Organization Chart identifying team reporting relationships for all primary** **tasks**  **including sub consultants when utilized.**  | MAX**SCORE****20** |

 SUB TOTALS \_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Section 9TEAM LEADER/KEY STAFF**QUALIFICATIONS** | INSTRUCTIONS: List Team Leaders/Key Staff Members for each primary task(s) and enclose resume highlighting  **qualifications noted below (Only one Team Leader will be rated for each Primary Task).** **Check each requirement met. Training Certificates will be required only upon request by the**  **NJDOT**  | MAX**SCORE****30** |
|  TEAM LEADER (S) PROJECT SPECIFIC QUALIFICATIONS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Roadway Design** | **Bridge Design** | **Geotechnical Engineering** |
| **1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND QUALIFICATIONS FROM THE DOCUMENT “ PROJECT MANAGER & KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS “..** | QUALIFICATIONS |  | **QUALIFICATIONS** |  | QUALIFICATIONS |  | TOTAL |
| BSCE |  | BSCE |  | BSCE |  |  |
| NJPEExperience in NJDOT Roadway Design Manual |  | NJPEExperience in NJDOT Bridges and Structures Design Manual |  | NJPEExperience in NJDOT Bridges and Structures Design Manual |  |  |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** |  |  | Utility Engineering |
|  |  |  |  |  | QUALIFICATIONS |  | TOTAL |
|  |  |  |  | BS in Engineering |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  | Experience in interaction with Utility Companies for the purpose of completing NJDOT projects. With NJDOT Capital Project Delivery Process |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

####  Similar Project

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 9TEAM LEADER/KEY STAFF**QUALIFICATIONS** | INSTRUCTIONS: List Team Leaders/Key Staff Members for each primary task(s) and enclose resume highlighting  **qualifications noted below (Only one Team Leader will be rated for each Primary Task).** **Check each requirement met. Training Certificates will be required only upon request by the**  **NJDOT**  | MAX**SCORE** |
|  TEAM LEADER (S) PROJECT SPECIFIC QUALIFICATIONS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Surveying and Row Engineering** | **Traffic Engineering** | Environmental Science |
| **1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND QUALIFICATIONS FROM THE DOCUMENT “ PROJECT MANAGER & KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS “..** | QUALIFICATIONS |  | **QUALIFICATIONS** |  | QUALIFICATIONS |  | TOTAL |
| NJ PLS |  | Experience with Highway Capacity Analysis Software HCM, Transit 7F, PASR2, Synchro |  | Bachelors or Masters Degree in Environmental Science, Ecology, Geology, Engineering, Biology, Chemical or Natural Resources |  |  |
|  |  | Experience with Traffic Safety in Construction Zone, Highway Capacity Manual |  |  |  |  |
|  |  | BSCE or BSEE |  |  |  |  |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Environmental Cultural Resources** | **Electrical Engineering** | ITS |
|  | QUALIFICATIONS |  | QUALIFICATIONS |  | QUALIFICATIONS |  | TOTAL |
| Qualified in 36 CFRPART 61 (Which Notes Bachelors Or Masters Degree in Archeology, Anthropology, Architectural History, Art History, Historic Preservation or Closely Related Field) |  | BSEE (Electrical or Electronics) |  | BSCE or BSEE (Electrical or Electronics) |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

####  Similar Project

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 9TEAM LEADER/KEY STAFF**QUALIFICATIONS** | INSTRUCTIONS: List Team Leaders/Key Staff Members for each primary task(s) and enclose resume highlighting  **qualifications noted below (Only one Team Leader will be rated for each Primary Task).** **Check each requirement met. Training Certificates will be required only upon request by the**  **NJDOT**  | MAX**SCORE** |
|  TEAM LEADER (S) PROJECT SPECIFIC QUALIFICATIONS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Community Involvement** |  |  |
| **1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND QUALIFICATIONS FROM THE DOCUMENT “ PROJECT MANAGER & KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS “..** | QUALIFICATIONS |  | **QUALIFICATIONS** |  | QUALIFICATIONS |  | TOTAL |
| Organized Community Outreach Events |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

 AVERAGE SUB TOTAL \_\_\_\_\_\_\_\_\_\_\_

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 10 **TEAM LEADER/KEY STAFF SIMILAR PROJECT EXPERIENCE**  | **INSTRUCTIONS: Enclosed a highlighted resume describing experience listing up to 3 similar projects for the proposed Key Staff/Team Leader describing the experience as indicated below. NOTE: Only the first 3 similar projects for a Key Staff/Team Leader will be evaluated. Also check each requirement met.** | MAX**SCORE****90** |
| EXPERIENCE IN PRIMARY TASKS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Roadway Design** | **Bridge Design** | **Geotechnical Engineering** |
| NUMBER OF PROJECT(S) 1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND EXPERIENCES FROM THE DOCUMENT “PROJECT MANAGER AND KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS”. **2 NOTE FOR NJDOT AND DESIGN FIRMS-: .REQUESTED EXPERIENCE CAN BE SHOWN WITH LESSER # OF PROJECTS AND WILL BE ENTITLED TO FULL CREDIT** | 3 Project(s) |  | **3** **Project(s)** |  | 1 Project(s) |  | TOTAL |
| TYPE OF EXPERIENCE | X | TYPE OF EXPERIENCE | X | TYPE OF EXPERIENCE | X |  |
| Responsible for the Development of Construction Plans, Engineering Estimate, and Specifications Using Trans-port and Primavera Schedule |  | Prepared Bridge Design Plans and Specifications Using AASHTO/NJDOT Design Manuals |  | Performed Foundation, Retaining Wall, Sheet Pile, Noise Wall, Sign Structure Design |  |  |
| Experience in NJDOT/AASHTO Roadway Design Manual |  | Preformed Load Resistance Factor Design (LRFD) Methodology For Bridge Design |  | Performed Settlement, Stability Analysis |  |  |
| Experience in NJ State Highway Access Management Code |  | Performed Seismic Analysis and Design |  | Performed Wave Equation, Drivability, Pile Dynamic Analysis |  |  |
| Prepared Traffic Control and Staging Plans (MPT) |  | Experience in NJDOT Capital Project Delivery Process |  | Performed Pavement Design and Prepared Foundation Reports |  |  |
| Experience in NJDOT Standards Specifications for Road & Bridge Construction |  | Experience With NJDOT/AASHTO Bridge and Structure Design Manuals |  | Experience With NJDOT/AASHTO Bridge and Structure Design Manual |  |  |
| Experience in NJDOT Capital Project Delivery Process |  |  |  |  |  |  |
| Prepared Design Exception Report |  |  |  |  |  |  |
| Prepared Traffic Signage and Striping Plan |  |  |  |  |  |  |
| Performed Geometric Design of Highway and Streets |  |  |  |  |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 10 **TEAM LEADER/KEY STAFF SIMILAR PROJECT EXPERIENCE**  | **INSTRUCTIONS: Enclosed a highlighted resume describing experience listing up to 3 similar projects for the proposed Key Staff/Team Leader describing the experience as indicated below. NOTE: Only the first 3 similar projects for a Key Staff/Team Leader will be evaluated. Also check each requirement met.** | MAX**SCORE** |
| EXPERIENCE IN PRIMARY TASKS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** |  |  | **Utility Engineering** |
| NUMBER OF PROJECT(S) 1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND EXPERIENCES FROM THE DOCUMENT “PROJECT MANAGER AND KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS”. **2 NOTE FOR NJDOT AND DESIGN FIRMS-: .REQUESTED EXPERIENCE CAN BE SHOWN WITH LESSER # OF PROJECTS AND WILL BE ENTITLED TO FULL CREDIT** |  |  |  |  | 2 Project(s) |  | TOTAL |
|  |  |  | X | TYPE OF EXPERIENCE | X |  |
|  |  |  |  | Preparation of Utility Relocation Schemes and Design-Construction Plans |  |  |
|  |  |  |  | Preparation of Utility Agreement Plans |  |  |
|  |  |  |  | Preparation of Specifications (Special Provisions) |  |  |
|  |  |  |  | Experience With NJDOT Capital Project Delivery Process |  |  |
|  |  |  |  | Experience With State Utility & Railroad Accommodation Policy |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 10 **TEAM LEADER/KEY STAFF SIMILAR PROJECT EXPERIENCE**  | **INSTRUCTIONS: Enclosed a highlighted resume describing experience listing up to 3 similar projects for the proposed Key Staff/Team Leader describing the experience as indicated below. NOTE: Only the first 3 similar projects for a Key Staff/Team Leader will be evaluated. Also check each requirement met.** | MAX**SCORE** |
| EXPERIENCE IN PRIMARY TASKS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Surveying and ROW Engineering** | **Traffic Engineering** | Environmental Science |
| NUMBER OF PROJECT(S) 1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND EXPERIENCES FROM THE DOCUMENT “PROJECT MANAGER AND KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS”. **2 NOTE FOR NJDOT AND DESIGN FIRMS-: .REQUESTED EXPERIENCE CAN BE SHOWN WITH LESSER # OF PROJECTS AND WILL BE ENTITLED TO FULL CREDIT** | 1 Project(s) |  | **1 Project(s)** |  | 1 Project(s) |  | TOTAL |
| TYPE OF EXPERIENCE |  | TYPE OF EXPERIENCE | X | TYPE OF EXPERIENCE | X |  |
| Topographic Survey, Base Line Survey, Profile and Cross Sections For Highways |  | Performed Speed/Delay Studies and Queuing Analysis |  | Experience with NJDOT Capital Project Delivery Process |  |  |
| Prepared Row Maps (ETM, GPPM, IPM) with Parcel Descriptions |  | Performed Highway Capacity/Los Analysis, Using Highway Capacity Software, HCS |  | Managed Preparation of NEPA Documents and Environmental Permits |  |  |
| Experience with NJ Map Filing Law for Row Mapping |  | Experience in MUTCD, Standard Roadway Construction and Traffic Control Details |  | Managed Preparation of Section 4(F) Documents |  |  |
| Experience with NJDOT Surveying Manual & Standard Article 44 |  |  |  | Experience with Procedures Involving SHOP and DEP Permits |  |  |
| Experience with NJDOT Surveying Manual and Standard Article 51 |  |  |  | Experience with Secretary of Interior Standards for Rehabilitation |  |  |
|  |  |  |  | Experience with State & Federal Environmental Regulations |  |  |
|  |  |  |  | Managed Environmental Technical Studies For Air, Noise, Ecology, Hazardous Waste, Socioeconomic, EJ, Historic Architectural, and Archeology |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 10 **TEAM LEADER/KEY STAFF SIMILAR PROJECT EXPERIENCE**  | **INSTRUCTIONS: Enclosed a highlighted resume describing experience listing up to 3 similar projects for the proposed Key Staff/Team Leader describing the experience as indicated below. NOTE: Only the first 3 similar projects for a Key Staff/Team Leader will be evaluated. Also check each requirement met.** | MAX**SCORE** |
| EXPERIENCE IN PRIMARY TASKS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Environmental Cultural Resources** | **Electrical Engineering** | ITS |
| NUMBER OF PROJECT(S) 1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND EXPERIENCES FROM THE DOCUMENT “PROJECT MANAGER AND KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS”. **2 NOTE FOR NJDOT AND DESIGN FIRMS-: .REQUESTED EXPERIENCE CAN BE SHOWN WITH LESSER # OF PROJECTS AND WILL BE ENTITLED TO FULL CREDIT** | 1 Project(s) |  | **1** **Project(s)** |  | 1 Project(s) |  | TOTAL |
| TYPE OF EXPERIENCE | X | TYPE OF EXPERIENCE | X | TYPE OF EXPERIENCE | X |  |
| Cultural Resources (Including Archeology and Historic Architectural Surveys and Mitigation Efforts) |  |  |  | Design and Testing of a Completed and Operational ITS System, Including DMS, CCTV, CTSS, and Traffic Detectors |  |  |
|  |  | Highway Lighting Design |  | Experience with NTCIP Standards |  |  |
|  |  | Experience in CADD – “dgn” Format |  | Design of Traffic Management Center |  |  |
|  |  | Experience with Lighting Design Software - Cala |  | Experience with its Architectures & Systems Engineering Process |  |  |
|  |  |  |  | Data and Video Communications Networks and Systems Integration, Including Fiber and Wireless Systems |  |  |
|  |  |  |  | Experience with Design, Deployment & Operation of its Technologies |  |  |

# PART 4

# TEAM LEADER/KEY STAFF PROJECT SPECIFIC REQUIREMENTS

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

**Firm Name: Size and Complexity: H-1 Level B; B-1 Level B; T-1 Level A**

|  |  |  |
| --- | --- | --- |
| Section 10 **TEAM LEADER/KEY STAFF SIMILAR PROJECT EXPERIENCE**  | **INSTRUCTIONS: Enclosed a highlighted resume describing experience listing up to 3 similar projects for the proposed Key Staff/Team Leader describing the experience as indicated below. NOTE: Only the first 3 similar projects for a Key Staff/Team Leader will be evaluated. Also check each requirement met.** | MAX**SCORE** |
| EXPERIENCE IN PRIMARY TASKS |
| **NAME** |  |  |  |  |
|  **PRIMARY TASK** | **Community Involvement** |  |  |
| NUMBER OF PROJECT(S) 1.THE NJDOT PROJECT MANAGER MUST SELECT PROJECT SPECIFIC PRIMARY TASKS AND EXPERIENCES FROM THE DOCUMENT “PROJECT MANAGER AND KEY STAFF STANDARDS FOR TECHNICAL PROPOSALS”. **2 NOTE FOR NJDOT AND DESIGN FIRMS-: .REQUESTED EXPERIENCE CAN BE SHOWN WITH LESSER # OF PROJECTS AND WILL BE ENTITLED TO FULL CREDIT** | 3 Project(s) |  |  |  |  |  | TOTAL |
| TYPE OF EXPERIENCE | X |  |  |  | X |  |
| Responsible for Public Information Centers |  |  |  |  |  |  |
| Community Outreach |  |  |  |  |  |  |
| Maintaining Mailing Lists & Records of Community Outreach Program |  |  |  |  |  |  |
| Context Sensitive Design (CSD) |  |  |  |  |  |  |
| Establishing Stakeholder Groups |  |  |  |  |  |  |

**AVERAGE SUB TOTAL\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| TOTAL FOR SECTION 8,9 & 10 |  |
| X WEIGHT % | **20%** |
| FINAL SCORE FOR KEY STAFF |  |

# PART 5

# PROJECT APPROACH

**PROJECT MANAGEMENT**

 Project: **Route 42 Bridges over Blackwood Railroad Trail**

## Firm Name:

**PROJECT APPROACH: The Firms ability to complete critical path model with key milestones, start and completion dates. Firms shall also identify both key issues and potential problems with solutions. Include innovative concepts with cost benefits and/or accelerated project delivery.**

**NOTE: YOUR FIRM MAY INCLUDE 2 EXTRA 8 ½”x 11” PAGES (OR UTILIZE THE INSIDE OF THE COVERS) FOR PICTURES, X-SECTIONS, SCHEMATICS, PLAN VIEWS, ETC. WHICH MAY ENHANCE OR BE REFERRED TO IN YOUR PROJECT APPROACH NARRATIVE WRITE-UP. NO ADDITIONAL NARRATIVE BEYOND THE (2-3) PAGE LIMIT WILL BE EVALUATED.**

|  |  |  |  |
| --- | --- | --- | --- |
| Section 11CRITICAL PATH MODEL | **INSTRUCTIONS: Enclose a critical path model utilizing Primavera Software or equivalent to indicate Start/Complete dates and Key milestones. A detailed schedule for Preliminary Engineering phase and milestones for FD are required.** | TOTAL | MAX**SCORE****10** |

|  |  |  |  |
| --- | --- | --- | --- |
| Section 12KEY ISSUES AND CRITICAL PROBLEMS | **INSTRUCTIONS: Enclose a (2-3) page narrative in Technical Proposal of project approach defining both key issues and potential problems with reliable solutions.** The narrative for both **Key Issues and Critical Problems** shall be no more than (2-3)typed, single sided, 8-1/2" x 11" sheets in length, have a font text size of no less than 11 points, 1/2” border all around and no more than 60 lines per 10 inch of page height. The contents should be presented in a 2 column format and in portrait orientation. | TOTAL | MAX**SCORE**130 |
| **Replace the two structures (Route 42 northbound and southbound) over the Blackwood Railroad Trail, with a precasr arch system.** |  |
| **Assess impacts to cultural and environmental receptors for this project.** |  |
| **Assess ROW and utility impacts for this project.** |  |
| **Improve pedestrian/bicycle movements under the arch.** |  |
| **Triple constraint management (Scope/Schedule/Budget).** |  |
|  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Section 13INNOVATIVE PROJECT DELIVERY TECHNIQUES | **INSTRUCTIONS:** **Enclose a narrative in Technical Proposal describing innovative project delivery techniques. This is not the intent to revise the IPA.** | TOTAL | MAX**SCORE****NR** |
|  NA |  |

|  |  |
| --- | --- |
| TOTAL FOR SECTIONS 11, 12 & 13 |  |
| X WEIGHT % | **35%** |
| FINAL SCORE FOR PROJECT APPROACH |  |