

# 2020 Bridges & Structures Bureau On-Call Selection

## Iowa DOT Prequalification

### Consultant's Contact Information

Name: John Smith  
Position: Project Engineer  
Address: 100 Main Street, Des Moines, IA 50315  
Phone: 515-235-0000  
Email Address: john.smith@bureau.com

Replace the following with the name appropriate names.

Code	Category	Manager		Prime		Sub1		Sub2	
		ABC	DEF	ABC	DEF	LMN	OPQ	RST	UVW
		Limited	Unlimited	Limited	Unlimited	Limited	Unlimited	Limited	Unlimited

Select prequalifications by placing an "X" in the appropriate cells.

<b>Airports</b>									
131	Airport Planning/Maintenance								
132	Airport Master Planning								
211	Airport Design								
233	Terminals and Related Airport Construction								

<b>Bridges and Structures</b>									
201	Project Management/General Engineering Consultant	X		X					
215	Curves and Standard Bridge Design	X	X	X	X	X	X		
216	Non-Standard, Non-Steel Bridge Design	X	X	X	X	X	X		
217	Steel Bridge Design		X				X		
218	Accelerated Bridge Construction (ABC)					X			
322	2D Hydraulics					X			
323	Hydraulic and Hydrologic Studies	X			X				
325	Bridge Inspection and Analysis			X	X				
329	Underwater Bridge Inspection								
330	Specialized Geophysical Studies - Vibration								
361	Structural Coating Services								

<b>Construction and Materials</b>									
221	Highway Roadway Construction								
222	Bridge Construction								
226	Traffic Operations Improvements Involving Construction								
236	Roadside Design								
234	Materials Testing								
238	Structural Fabrication Inspection								
261	Structural Coating Services								

<b>Design</b>									
125	Interchange								
201	Project Management/General Engineering Consultant								
212	Highway Design - Minor Facility								
213	Highway Design - Major Facility								
214	Highway Design - Major Facility - Urban								
218	Traffic Operations Design								
226	Traffic Operations Improvements Involving Construction								
231	Land Surveying								
312	Engineering Surveying								
313	Geodetic Surveying								
314	Aerial Photography								
315	Photogrammetry								
316	Remote Sensing								
318	Perimeter Condition Data Collection								
319	Subsurface Utility Engineering (SUE)								
321	Geological and Geophysical Studies								
323	Hydraulic and Hydrologic Studies								
329	Specialized Geophysical Studies - Vibration								
428	Landscape Architecture								

<b>Design Systems</b>									
319	Subsurface Utility Engineering (SUE)								

<b>Environments and Environmental</b>									
125	Location Studies								
126	Interchange Justification Report (IJR)								
201	Project Management/General Engineering Consultant								
231	Environmental Impact Studies								
322	Cultural, Historic and Native American								
323	Comprehensive Archaeological Studies								
325	Environmental Impact Specialty Studies								
326	Comprehensive Wetland Services								
327	Regulated Material Investigation and Remediation Services								
328	Hydrology, Geomorphology and Other Geological Disciplines								
329	Regulated Material Handling and Disposal Services								
330	Specialized Wetland Services								
339	Specialized Geophysical Studies - Vibration								
360	Adaptive Services								
362	Threatened and Endangered Species Services								
363	Comprehensive Historical and Architectural Services								
361	Geographic Information System (GIS) Services								

<b>Maintenance</b>									
237	Highway Maintenance Equipment, Materials and Methods Research and Analysis								

<b>Public Transit</b>									
141	Public and Rapid Transit Planning								
221	Public Transit Program (Systems) Management								
222	Public Transit Vehicle and Propulsion Systems								
223	Public Transit Controls, Communications and Information Systems								
224	Public Transit Operations Management and Support Services								

<b>Rail Transportation</b>									
151	Rail Transportation Planning								
219	Rail Design								
224	Railway Construction								

<b>Right of Way</b>									
471	Appraisal - Nonresidential/Agricultural Real Estate								
472	Appraisal - Commercial Real Estate								
473	Appraisal - Industrial Real Estate								
475	Acquisition of Property Rights								

<b>Support Services</b>									
227	Building Construction								
420	Architecture								
420	Sanitary Engineering								
420	Mechanical Engineering								
421	Energy Analysis, Audit and Conservation Use								
423	Electrical Engineering								
424	Structural Engineering								

<b>Systems Planning</b>									
111	Statewide/Regional Systems Planning								
112	Urban Area Transportation Planning								
113	Local/Regional Systems Planning								
125	Interchange Justification Report (IJR)								
141	Public and Rapid Transportation Planning								
151	Rail Transportation Planning								
161	Bicycle and Pedestrian Transportation Planning								

<b>Traffic and Safety</b>									
218	Traffic Operations Design								
226	Traffic Operations Improvements Involving Construction								
225	Traffic Control Systems Analysis, Design and Implementation								
226	Traffic Operations Studies								
229	Traffic Safety Engineering Studies								
422	Lighting Design								

<b>Traffic Operations</b>									
228	Intelligent Transportation Systems								

<b>Transportation Data</b>									
317	Cartography								

## 2020 Bridges & Structures Bureau On-Call Selection

### Consultant Personnel Available

### Total Number of Staff


7

**Place an "x" in the appropriate cells.**

[illegible]

## Organizational Chart

**Provide Organizational Chart Below**



### Consultant Qualifications

### Availability

[illegible]

In less than 75 words, demonstrate an example of company's responsiveness.

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\_\_\_\_\_

[illegible]

In 250 words or less, please tell why your company/team is a "stand out" for our selection team to consider for this selection.

A large, empty rectangular box with a thin black border, intended for a drawing or sketch.

## 2020 Bridges & Structures Bureau On-Call Selection

### Possible On-Call Projects:

Project #	Type of Work	Description
NHSX-018-6(96)--3H-34	Bridge New-PPCB	169'-0 x 40'-0 PPCB Bridge (EBL)
NHSX-018-6(96)--3H-34	Bridge New-PPCB	169'-0 x Variable Width PPCB Bridge (WBL)
NHSX-061-2(72)--3H-29	Bridge New-PPCB	244'-0 3/8 x 40'-0 PPCB Bridge NBL
NHSX-061-2(72)--3H-29	Bridge New-PPCB	243'-11 7/8 x 40 PPCB Bridge SBL
BRFN-002-9(40)--39-89	Reconstruction - Bridge Deck Replacement	250'-0 x 32'-0 CWG Bridge
BRFN-006-9(82)--39-82	Reconstruction - Bridge Deck Replacement	331'-0 x 44'-0 CWG Bridge
BRFN-018-4(28)--39-41	Reconstruction - Bridge Deck Replacement	105'-0 x 30'-0 PPCB Bridge
BRFN-018-4(29)--39-41	Reconstruction - Bridge Deck Replacement	105'-0 x 30'-0 PPCB Bridge
BRFN-030-2(171)--39-24	Reconstruction - Bridge Deck Replacement	210'-0 x 30'-0 Cont. I-Beam Bridge
BRFN-030-2(171)--39-24	Reconstruction - Bridge Deck Replacement	210'-0 x 30'-0 Cont. I-Beam Bridge
BRFN-034-7(150)--39-90	Reconstruction - Bridge Deck Replacement	470'-0 x 28'-0 Cont. Steel I-Beam EB Bridge
BRFN-034-7(150)--39-90	Reconstruction - Bridge Deck Replacement	470'-0 x 28'-0 Cont. Steel I-Beam WB Bridge
BRFN-065-7(42)--39-35	Bridge-Unspecified	Bailey Creek
BRFN-078-5(5)--39-58	RCB Culvert Replacement - Triple Box	Triple 12' x 12' RCB
BRFN-175-1(75)--39-67	Bridge Replacement-PPCB	299' x 44' PPCB Bridge
NHSX-014-5(82)--3H-64	Bridge Rail Retrofit	475'-6 x 32'-0 CWG Bridge
NHSX-075-2(104)--3H-75	RCB Culvert Extension - Twin Box	Twin 12' x 6' x 88' RCB Extension (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Replacement - Single Box	10' x 4' x 144' RCB (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Replacement - Twin Box	Twin 12' x 5' x 94' (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Replacement - Twin Box	Twin 12' x 6' x 78' (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Replacement - Twin Box	Twin 12' x 6' x 88' (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Replacement - Triple Box	Triple 12' x 12' x 88' RCB (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert Extension - Twin Box	Twin 10' x 6' RCB Ext.
NHSX-075-2(104)--3H-75	RCB Culvert New - Twin Box	Twin 12' x 12' x 97' RCB (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert New - Single Box	8' x 6' x 88' RCB (Stage 1 of 2)
NHSX-075-2(104)--3H-75	RCB Culvert New - Single Box	8' x 5' x 88' RCB (Stage 1 of 2)
BRF-078-1(20)--38-54	Bridge and Approaches-Steel Girder	467'-2 x 40'-0 CWG
BRF-092-7(52)--38-62	Bridge Replacement-PPCB	469'-0 x 44'-0 PPCB (BTE)
BRFN-006-4(175)--39-50	RCB Culvert Replacement - Twin Box	Twin 12' x 12' x 82' RCB
BRFN-030-1(164)--39-43	Bridge Replacement-PPCB - <b>ABC</b>	72'-6 x 44' PPCB Bridge - ABC
BRFN-030-1(166)--39-43	RCB Culvert Replacement - Twin Box	Twin 10' x 10' x 88'-0 RCB
BRFN-136-2(35)--39-53	RCB Culvert Replacement - Twin Box	Twin 12' x 12' x 150' RCB
BRFN-144-3(20)--39-37	RCB Culvert Replacement - Triple Box	Triple 12' x 12'x 114' RCB
NHSN-065-1(34)--2R-93	RCB Culvert - Repair	Culvert Outlet Repair
NHSX-030-5(259)--3H-85	Bridge New-PPCB	252' x 60' PPCB Bridge

## 2020 Bridges & Structures Bureau On-Call Selection

### Possible On-Call Projects:

[illegible]

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### Possible On-Call Projects:

[illegible]

## 2020 Bridges & Structures Bureau On-Call Selection

### Similar Projects (Limit to 5)

<b>Project Title</b> <small>(Limit Description to 150 Words)</small>	U.S. Highway 34 over Fish Creek Bridge Replacement	<div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>
<b>Timeframe Completed</b> <small>(Must be within Last 5 Years)</small>	January - May 2016	
<b>Project Cost</b> <small>(Portion of Work Responsible For)</small>	\$2,000,000	

<b>Project Title</b> <small>(Limit Description to 150 Words)</small>		<div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>
<b>Timeframe Completed</b> <small>(Must be within Last 5 Years)</small>		
<b>Project Cost</b> <small>(Portion of Work Responsible For)</small>		

<b>Project Title</b> <small>(Limit Description to 150 Words)</small>		<div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>
<b>Timeframe Completed</b> <small>(Must be within Last 5 Years)</small>		
<b>Project Cost</b> <small>(Portion of Work Responsible For)</small>		

<b>Project Title</b> <small>(Limit Description to 150 Words)</small>		<div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>
<b>Timeframe Completed</b> <small>(Must be within Last 5 Years)</small>		
<b>Project Cost</b> <small>(Portion of Work Responsible For)</small>		

<b>Project Title</b> <small>(Limit Description to 150 Words)</small>		<div style="border: 1px solid black; height: 150px; margin-top: 5px;"></div>
<b>Timeframe Completed</b> <small>(Must be within Last 5 Years)</small>		
<b>Project Cost</b> <small>(Portion of Work Responsible For)</small>		

## 2020 Bridges & Structures Bureau On-Call Selection

### Conflict of Interest

Prime and Subconsultants have no known conflict of interest that would impact efforts to serve Iowa DOT on this on-call contract.

### Software, Equipment & Technology

Prime and Subconsultants use software that is compatible with the Iowa DOT's Bridges & Structures Bureau, and the current version of CADD software being used is Microstation V8i and Bentley Geopak V8i.

The Iowa DOT may implement Bentley Systems Connect software on projects and is prepared to fully implement when Iowa DOT requires.

*Sign below and replace the italicized 'Name' and 'Title'.*

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*Name*

*Title*



## 2020 Bridges & Structures Bureau On-Call Selection

### Scoring

*Please select whether the consultant will qualify for "Limited" or "Unlimited" work by placing an "x" in the appropriate cell.*

Limited ☐

Unlimited ☐

*Scoring is the same for "Limited" and "Unlimited".*

Category	Total Points Allotted	Consultant Score
DOT Possible Projects	0	
Prequalification	5	
Classifications	5	
Organizational Chart	5	
Qualifications - PM & Team	30	
Similar Projects	20	
Availability	5	
Responsiveness	15	
Essay Question	10	
Certifications	5	
Total Points	100	0