

RESPONDENTS

Bidder #1

Bidder #2

RESPONDENTS		Technical Evaluators	
Technical Evaluation C	50.00%		
Project Management	40.00%	Evaluator 1.)	
Environmental Qualification	5.00%	Evaluator 2.)	
Safety	7.00%	Evaluator 3.)	
General Engineering	15.00%	Evaluator 4.)	
Transmission	12.00%	Evaluator 4.)	
Substation	6.00%	Evaluator 4.)	
Protection and Control	5.00%	Evaluator 4.)	
Testing and Commissioning	5.00%	Evaluator 5.)	
Communications	5.00%	Evaluator 6.)	
Technical Section Weighting	100.00%		
Legal/Commercial/Cre	25.00%		
Pricing Competitiveness	25.00%		
Based on 100 total points	100.00%		

A.) Project Management Questions:	Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
to describe a work execution plan for the									
1.1.1 sequence of activities from award to	20.00%	40.00%	50.00%	4.0000%	1 to 10	3.00	0.1200	7.00	0.2800
1.1.2 firms management team, both in the	5.00%	40.00%	50.00%	1.0000%	1 to 10	3.00	0.0300	8.00	0.0800
1.1.3 construction labor and equipment res	5.00%	40.00%	50.00%	1.0000%	1 to 10	5.00	0.0500	6.00	0.0600
1.1.4 temporary facilities would manage, monitor, and report the status of the	5.00%	40.00%	50.00%	1.0000%	1 to 10	6.00	0.0600	8.00	0.0800
1.1.6 mobilization plan	3.00%	40.00%	50.00%	0.6000%	1 to 10	4.00	0.0240	6.00	0.0360
1.1.7 communications plan	2.00%	40.00%	50.00%	0.4000%	1 to 10	6.00	0.0240	5.00	0.0200
1.1.8 training	1.00%	40.00%	50.00%	0.2000%	1 to 10	7.00	0.0140	7.00	0.0140
1.1.9 safety	2.00%	40.00%	50.00%	0.4000%	1 to 10	7.00	0.0280	7.00	0.0280
1.1.10 design	1.00%	40.00%	50.00%	0.2000%	1 to 10	4.00	0.0080	6.00	0.0120
1.1.11 material procurement and receiving	3.00%	40.00%	50.00%	0.6000%	1 to 10	5.00	0.0300	7.00	0.0420
1.1.12 construction	20.00%	40.00%	50.00%	4.0000%	1 to 10	7.00	0.2800	6.00	0.2400
1.1.13 testing and commissioning resources tools and methods used to recover	5.00%	40.00%	50.00%	1.0000%	1 to 10	6.00	0.0600	7.00	0.0700
1.1.15 right of way management	2.00%	40.00%	50.00%	0.4000%	1 to 10	3.00	0.0120	5.00	0.0200
1.1.1 jobsite security	2.00%	40.00%	50.00%	0.4000%	1 to 10	5.00	0.0100	5.00	0.0100
samples, to identify typical scope change request forms and tracking logs, monthly status report formats including cost	2.00%	40.00%	50.00%	0.4000%	1 to 10	6.00	0.0240	4.00	0.0160
member of your proposed project management team (project manager, project controls specialist, safety coordinator, environmental coordinator, materials specialist, construction scheduling, scoping, tracking and reporting tools your firm has experience with and process for documentation control. This should include company's communication and approval process	2.00%	40.00%	50.00%	0.4000%	1 to 10	4.00	0.0160	5.00	0.0200
environmental coordinator, materials specialist, construction scheduling, scoping, tracking and reporting tools your firm has experience with and process for documentation control. This should include company's communication and approval process	10.00%	40.00%	50.00%	2.0000%	1 to 10	5.00	0.1000	7.00	0.1400
environmental coordinator, materials specialist, construction scheduling, scoping, tracking and reporting tools your firm has experience with and process for documentation control. This should include company's communication and approval process	2.00%	40.00%	50.00%	0.4000%	1 to 10	4.00	0.0160	6.00	0.0240
environmental coordinator, materials specialist, construction scheduling, scoping, tracking and reporting tools your firm has experience with and process for documentation control. This should include company's communication and approval process	2.00%	40.00%	50.00%	0.4000%	1 to 10	5.00	0.0200	5.00	0.0200
environmental coordinator, materials specialist, construction scheduling, scoping, tracking and reporting tools your firm has experience with and process for documentation control. This should include company's communication and approval process	2.00%	40.00%	50.00%	0.4000%	1 to 10	0.00	0.0000	0.00	0.0000
Score/Total Weighted	100.00%	40.00%	50.00%	20.0000%	2.00000	101.00	0.9860	123.00	1.2720
Maximum Score for							49.30%		63.60%

2.) Environmental Qualification Questions:	Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
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how your firm has previously constructed transmission and substation projects in sensitive wetlands and wildlife habitat. In particular, describe any special construction your project manager's proposed communication methods with land providing specific details, what steps you would use to convey environmental stipulations and team would be assigned responsibility for environmental issues on the Populus

Score/Total Weighted Maximum Score for

35.00%	5.00%	50.00%	0.8750%	1 to 10	9.00	0.0788	6.00	0.0525
15.00%	5.00%	50.00%	0.3750%	1 to 10	8.00	0.0300	8.00	0.0300
25.00%	5.00%	50.00%	0.6250%	1 to 10	9.00	0.0563	6.00	0.0375
25.00%	5.00%	50.00%	0.6250%	1 to 10	10.00	0.0625	10.00	0.0625
100.00%	5.00%	50.00%	2.5000%	0.25000	36.00	0.2275 91.00%	30.00	0.1825 73.00%

C.) Safety Qualification Questions

company's interstate worker's compensation experience modification rate for OSHA 200 Log. provide your Incident Rate and Lost Time Rate for the past three years plus the reason to believe that either rate for the current year will vary number of fatalities you have experienced 6. Do you have a written safety program? (Yes/No). 7. Do you conduct site safety inspections? 8. Do you have a drug and alcohol policy? (Yes/No). If 9. Do you have an accident/incident investigation and manage inspected by OSHA or other industrial safety enforcement 12. Identify the safety training that you provide to your employees. Include has site safety 14. Identify the officer in your 15. Describe your company's safety 16. Does your company use safety

Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
5.00%	7.00%	50.00%	0.1750%	1 to 10	7.00	0.0123	7.00	0.0123
5.00%	7.00%	50.00%	0.1750%	1 to 10	7.00	0.0123	7.00	0.0123
2.00%	7.00%	50.00%	0.0700%	1 to 10	7.00	0.0049	7.00	0.0049
10.00%	7.00%	50.00%	0.3500%	1 to 10	5.00	0.0175	5.00	0.0175
15.00%	7.00%	50.00%	0.5250%	1 to 10	9.00	0.0473	9.00	0.0473
5.00%	7.00%	50.00%	0.1750%	1 to 10	8.00	0.0140	8.00	0.0140
5.00%	7.00%	50.00%	0.1750%	1 to 10	8.00	0.0140	8.00	0.0140
8.00%	7.00%	50.00%	0.2800%	1 to 10	8.00	0.0224	8.00	0.0224
5.00%	7.00%	50.00%	0.1750%	1 to 10	7.00	0.0123	7.00	0.0123
4.00%	7.00%	50.00%	0.1400%	1 to 10	8.00	0.0112	7.00	0.0098
8.00%	7.00%	50.00%	0.2800%	1 to 10	8.00	0.0224	8.00	0.0224
3.00%	7.00%	50.00%	0.1050%	1 to 10	8.00	0.0084	7.00	0.0074
8.00%	7.00%	50.00%	0.2800%	1 to 10	8.00	0.0224	7.00	0.0196
5.00%	7.00%	50.00%	0.1750%	1 to 10	8.00	0.0140	7.00	0.0123
4.00%	7.00%	50.00%	0.1400%	1 to 10	7.00	0.0098	7.00	0.0098

subcontractor selection criteria with regard to 18. Describe any innovative process or approach that demonstrates your

4.00%
4.00%

7.00%	50.00%	0.1400%	1 to 10
7.00%	50.00%	0.1400%	1 to 10
7.00%	50.00%	3.5000%	0.35000

7.00
7.00

0.0098
0.0098
0.2646
75.60%

7.00
5.00

0.0098
0.0070
0.2548
72.80%

Score/Total Weighted Maximum Score for

1. General Engineering

organization chart for the Populus Terminal Project identifying all key personnel as identified in Exhibit J. The organization chart should identify personnel (project manager, engineer, designer, drafter) that will be working on the project team including the key personnel as identified on Exhibit J. This list should include their name, that will be subcontracted by the subcontractor, office location for 1.3.2 Service provided years of experience by consultant with 1.3.4 Contact name and email/phone number additional information that would demonstrate provide brief description of joint subcontractor provide estimate of percent labor rate will be applied to subcontractors, you would manage information and whether or not you have a web-based document control

Question Weighting
8.00%
16.00%
2.00%
2.00%
4.00%
1.00%
3.00%
3.00%
2.00%
2.00%
7.00%
7.00%
15.00%
4.00%
8.00%
12.00%
4.00%

Section Weighting	Technical Weighting	Weighting Factor	Rating Scale
15.00%	50.00%	0.6000%	1 to 10
15.00%	50.00%	1.2000%	1 to 10
15.00%	50.00%	0.1500%	1 to 10
15.00%	50.00%	0.1500%	1 to 10
15.00%	50.00%	0.3000%	1 to 10
15.00%	50.00%	0.0750%	1 to 10
15.00%	50.00%	0.2250%	1 to 10
15.00%	50.00%	0.2250%	1 to 10
15.00%	50.00%	0.1500%	1 to 10
15.00%	50.00%	0.1500%	1 to 10
15.00%	50.00%	0.5250%	1 to 10
15.00%	50.00%	0.5250%	1 to 10
15.00%	50.00%	1.1250%	1 to 10
15.00%	50.00%	0.3000%	1 to 10
15.00%	50.00%	0.6000%	1 to 10
15.00%	50.00%	0.9000%	1 to 10
15.00%	50.00%	0.3000%	1 to 10
15.00%	50.00%	7.5000%	0.75000

Raw Score
4.00
1.00
4.00
4.00
2.00
4.00
2.00
2.00
4.00
6.00
4.00
2.00
0.00
4.00
4.00

Weighted Score
0.0240
0.0120
0.0060
0.0060
0.0060
0.0030
0.0045
0.0045
0.0060
0.0000
0.0210
0.0315
0.0450
0.0060
0.0000
0.0360
0.0120
0.2235
29.80%

Raw Score
4.00
4.00
2.00
0.00
0.00
4.00
4.00
4.00
2.00
4.00
4.00
3.00

Weighted Score
0.0240
0.0480
0.0030
0.0060
0.0000
0.0015
0.0000
0.0000
0.0000
0.0000
0.0210
0.0210
0.0675
0.0060
0.0240
0.0360
0.0090
0.2670
35.60%

Score/Total Weighted Maximum Score for

2. Transmission

provide alternate designs for any provide alternate designs for any deviations from the foundation concept drawings for each transmission structure foundation type anticipated to be constructed. Drawings should include an elevation sketch of any other exceptions to or deviations from conceptual design approach and designs for criteria will be used to determine whether temporary conceptual design approach and designs for

Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
15.00%	12.00%	50.00%	0.9000%	1 to 10	4.00	0.0360	4.00	0.0360
15.00%	12.00%	50.00%	0.9000%	1 to 10	6.00	0.0540	4.00	0.0360
34.00%	12.00%	50.00%	2.0400%	1 to 10	2.00	0.0408	2.00	0.0408
12.00%	12.00%	50.00%	0.7200%	1 to 10	5.00	0.0360	4.00	0.0288
8.00%	12.00%	50.00%	0.4800%	1 to 10	4.00	0.0192	4.00	0.0192
8.00%	12.00%	50.00%	0.4800%	1 to 10	4.00	0.0192	2.00	0.0096
8.00%	12.00%	50.00%	0.4800%	1 to 10	4.00	0.0192	2.00	0.0096
100.00%	12.00%	50.00%	6.0000%	0.60000	29.00	0.2244 37.40%	22.00	0.1800 30.00%

3. Substation

details of any deviation from the any other exceptions to or deviations from conceptual drawings for the proposed in detail your approach for the design and installation of the substation ground conceptual design approach and designs for the site

Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
20.00%	6.00%	50.00%	0.6000%	1 to 10	6.00	0.0360	5.00	0.0300
20.00%	6.00%	50.00%	0.6000%	1 to 10	6.00	0.0360	5.00	0.0300
20.00%	6.00%	50.00%	0.6000%	1 to 10	8.00	0.0480	5.00	0.0300
20.00%	6.00%	50.00%	0.6000%	1 to 10	4.00	0.0240	4.00	0.0240
20.00%	6.00%	50.00%	0.6000%	1 to 10	5.00	0.0300	6.00	0.0360
100.00%	6.00%	50.00%	3.0000%	0.30000	29.00	0.1740 58.00%	25.00	0.1500 50.00%

4. Protection and Control

developed, over time, a unique system of documentation on the substation one line diagrams and control schematic diagrams to adequately describe breakers on this project will have dual trip coils, except for the 46kV breaker at Terminal Sub. All of the lines, for this project, will have two sets of line

Question Weighting	Section Weighting	Technical Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
34.00%	5.00%	50.00%	0.8500%	1 to 10	5.00	0.0425	5.00	0.0425
33.00%	5.00%	50.00%	0.8250%	1 to 10	5.00	0.0413	4.00	0.0330

relays will be used on most of the transmission lines on this project. List the projects that your

33.00%

5.00% 50.00% 0.8250% 1 to 10

8.00

0.0660

8.00

0.0660

Score/Total Weighted Maximum Score for

100.00%

5.00% 50.00% 2.5000% 0.25000

18.00

0.1498
59.90%

17.00

0.1415
56.60%

5. Testing and Commissioning of Substation

evidence of relevant experience with

Question Weighting

Section Weighting

Technical Weighting

Weighting Factor

Rating Scale

Raw Score

Weighted Score

Raw Score

Weighted Score

5.1.1 Circuit Breakers

30.00%

5.00% 50.00% 0.7500% 1 to 10

3.00

0.0225

1.00

0.0075

i. 345kV

1.00%

5.00% 50.00% 0.0250% 1 to 10

5.00

0.0013

5.00

0.0013

ii. 145kV

0.00%

5.00% 50.00% 0.0000% 1 to 10

6.00

0.0000

6.00

0.0000

iii. other voltages

5.1.2 Transformers

1.00%

5.00% 50.00% 0.0250% 1 to 10

5.00

0.0013

4.00

0.0010

5.1.2.1 10-100 MVA, < 145kV

30.00%

5.00% 50.00% 0.7500% 1 to 10

5.00

0.0375

3.00

0.0225

5.1.2.2 100MVA, > 145kV

1.00%

5.00% 50.00% 0.0250% 1 to 10

6.00

0.0015

6.00

0.0015

5.1.2.3 Current Transformers > 69kV

1.00%

5.00% 50.00% 0.0250% 1 to 10

6.00

0.0015

6.00

0.0015

5.1.2.4 Voltage Transformers > 69kV

1.00%

5.00% 50.00% 0.0250% 1 to 10

6.00

0.0015

6.00

0.0015

5.1.2.5 CCVT's

5.1.3 Capacitor Banks

1.00%

5.00% 50.00% 0.0250% 1 to 10

5.00

0.0013

4.00

0.0010

5.1.3.1 < 345kV

6.00%

5.00% 50.00% 0.1500% 1 to 10

4.00

0.0060

1.00

0.0015

5.1.3.2 345kV

3.00%

5.00% 50.00% 0.0750% 1 to 10

2.00

0.0015

1.00

0.0008

5.1.3.3 series capacitor substation equipment

2.00%

5.00% 50.00% 0.0500% 1 to 10

6.00

0.0030

6.00

0.0030

samples of installation / commissioning

10.00%

5.00% 50.00% 0.2500% 1 to 10

4.00

0.0100

3.00

0.0075

list of test equipment that will be used

9.00%

5.00% 50.00% 0.2250% 1 to 10

4.00

0.0090

2.00

0.0045

examples of test procedures and forms that may be standards, methodology, process and forms to be followed and submitted for

1.00%

5.00% 50.00% 0.0250% 1 to 10

6.00

0.0015

6.00

0.0015

3.00%

3.00%

5.00% 50.00% 0.0750% 1 to 10

6.00

0.0045

6.00

0.0045

Score/Total Weighted Maximum Score for

100.00%

5.00% 50.00% 2.5000% 0.25000

79.00

0.1038
41.50%

66.00

0.0610
24.40%

6. Communications

plans for having communications facilities available to support bringing Populus sub into service. Address sequence of events required to have testing plan to ensure that fiber facilities (insertion loss and fiber splice loss) projected work plan for fiber splicing that you have designed to meet the required service dates. Include number of line segments under construction

Question Weighting

Section Weighting

Technical Weighting

Weighting Factor

Rating Scale

Raw Score

Weighted Score

Raw Score

Weighted Score

55.00%

5.00% 50.00% 1.3750% 1 to 10

0.00

0.0000

10.00

0.1375

35.00%

5.00% 50.00% 0.8750% 1 to 10

10.00

0.0875

10.00

0.0875

10.00%

5.00% 50.00% 0.2500% 1 to 10

0.00

0.0000

5.00

0.0125

Score/Total Weighted Maximum Score for

100.00%

5.00% 50.00% 2.5000% 0.25000

10.00

0.0875
35.00%

25.00

0.2375
95.00%

Weighted Score for All Maximum Score for All Technical Non-Pricing Rank	100.00%	50.00%	50.00%	5.00000	480.00	2.4410	472.00	2.7463
						48.82%		54.93%
						2.00		1.00

ial Requirements:
Consideration

Management Evaluation (5% 1=10, 2=8 3=6,	Question Weighting	Section Weighting	Legal Credit Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
	100.00%	10.00%	25.00%	2.5000%	1 to 10	6.00	0.1500	6.00	0.1500
Score/Total Weighted Score for Credit Maximum Score for	100.00%	10.00%	25.00%	2.5000%	0.25000	6.00	0.1500	6.00	0.1500
							60.00%		60.00%

contract terms and conditions which	Question Weighting	Section Weighting	Commercial Weighting	Weighting Factor	Rating Scale	Raw Score	Weighted Score	Raw Score	Weighted Score
RESPONSIBILITI	7.00%	90.00%	25.00%	1.5750%	1 to 10	4.00	0.0630	6.00	0.0945
OF PAYMENT	12.00%	90.00%	25.00%	2.7000%	1 to 10	5.00	0.1350	6.00	0.1620
MAJEURE	7.00%	90.00%	25.00%	1.5750%	1 to 10	5.00	0.0788	6.00	0.0945
SUBSTANTIAL COMPLETION									
AND FINAL	12.00%	90.00%	25.00%	2.7000%	1 to 10	4.00	0.1080	6.00	0.1620
Article 16. DELAY	12.00%	90.00%	25.00%	2.7000%	1 to 10	3.00	0.0810	6.00	0.1620
CHANGES IN	7.00%	90.00%	25.00%	1.5750%	1 to 10	4.00	0.0630	5.00	0.0788
WARRANTIES	12.00%	90.00%	25.00%	2.7000%	1 to 10	4.00	0.1080	7.00	0.1890
INSURANCE	7.00%	90.00%	25.00%	1.5750%	1 to 10	5.00	0.0788	5.00	0.0788
INDEMNIFICATI	12.00%	90.00%	25.00%	2.7000%	1 to 10	5.00	0.1350	5.00	0.1350
LIMITATIONS OF LIABILITY	12.00%	90.00%	25.00%	2.7000%	1 to 10	5.00	0.1350	5.00	0.1350
Score/Total Weighted Maximum Score for	100%	90.00%	25.00%	22.5000%	2.25000	44.00	0.9855	57.00	1.2915
							43.80%		57.40%

Weighted Score for Credit/Legal/Commerc Maximum Score for Credit/Legal/Commerc redit/Commercial Rank	100.00%	25.00%	25.00%	2.50000	50.00	1.1355	63.00	1.4415
						45.42%		57.66%
						2.00		1.00

Sum Proposal Bid Price cost (from OE)	\$ 583,540,081.57	\$ 605,185,000.00
Competitiveness Value	\$ 428,900,000.00	\$ 103,300,000.00
Pricing Rank	\$ 1,012,440,081.57	\$ 708,485,000.00
Competitiveness	2.00	1.00
	6.9978%	10.0000%

Commodity Pricing Competitiveness	Average Unit Price for Commodity	Average Unit Price for Commodity
Fuel - (Gal.) Competitiveness factor - 0.5% best / < 0.5% prorated for higher Stability factor - 0.5% fixed / < 0.5% prorated for adjustments	\$ 4.0000	\$ 6.5400
	0.5000%	0.3058%
	0.0000%	0.0000%
Tower Steel - (Lbs.) Competitiveness factor - 2% best / < 2% prorated for higher Stability factor - 0.5% fixed / < 0.5% prorated for adjustments	\$ 0.7712	\$ 3.1500
	2.0000%	0.4896%
	0.0000%	0.0000%
Cassion Steel - (Lbs.) Competitiveness factor - 2% best / < 2% prorated for higher Stability factor - 0.5% fixed / < 0.5% prorated for adjustments	\$ 2.9000	\$ 2.9000
	2.0000%	2.0000%
	0.0000%	0.0000%
Rebar Steel - (Lbs.) Competitiveness factor - 0.5% best / < 0.5% prorated for higher Stability factor - 0.5% fixed / < 0.5% prorated for adjustments	\$ 1.0500	\$ 1.1100
	0.5000%	0.4730%
	0.0000%	0.0000%
Concrete - (CuYd) Competitiveness factor - 0.5% best / < 0.5% prorated for higher Stability factor - 0.5% fixed / < 0.5% prorated for adjustments	\$ 125.0000	\$ 124.9300
	0.4997%	0.5000%
	0.0000%	0.0000%
OPGW - (LF) Competitiveness factor - 0.5% best / < 0.5% prorated for higher	\$ 1.3320	\$ 1.8600
	0.5000%	0.3581%

Stability factor - 0.5% fixed / < 0.5% prorated for adjustments		0.0000%		0.0000%
Conductor (1272 KCMIL ACSR "Bittern") - (LF)	\$ 2.5600		\$ 3.4800	
Competitiveness factor - 1.5% best / < 1.5% prorated for higher		1.5000%		1.1034%
Stability factor - 0.5% fixed / < 0.5% prorated for adjustments		0.0000%		0.0000%
Conductor (CTC 1020 KCM ACCC) - (LF)	\$ 7.6580		\$ 3.6200	
Competitiveness factor - 1.5% best / < 1.5% prorated for higher		0.7091%		1.5000%
Stability factor - 0.5% fixed / < 0.5% prorated for adjustments		0.0000%		0.0000%
Shield Wire (1/2" EHS Galv.) - (LF)	\$ 0.6150		\$ 1.0200	
Competitiveness factor - 0.5% best / < 0.5% prorated for higher		0.5000%		0.3015%
Stability factor - 0.5% fixed / < 0.5% prorated for adjustments		0.0000%		0.0000%
Galvanizing Zinc on Towers - (Lbs.)	\$ 0.7230		\$ 3.1500	
Competitiveness factor - 0.5% best / < 0.5% prorated for higher		0.5000%		0.1148%
Stability factor - 0.5% fixed / < 0.5% prorated for adjustments		0.0000%		0.0000%
Competitiveness and Stability Value		9.2088%		7.1462%
Weighting - 50%		24.4100%		27.4630%
Legal/Commercial		11.3550%		14.4150%
Competitiveness		16.2066%		17.1462%
Evaluated Total		51.97%		59.02%
Overall Rank		2.00		1.00