

Kings Bluff Raw Water Transmission
Bid Opening Date: August 27, 2019

KINGS BLUFF RAW WATER TRANSMISSION DETAILED BID TABULATION


SCHEDULE I				Garney Companies		S.J. Louis Construction		Ruby-Collins, Inc.		Oscar Renda		Reynolds Construction	
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1	Mobilization (3% Maximum)	LS	1	\$ 1,115,000	\$ 1,115,000	\$ 1,200,000.00	\$ 1,200,000.00	\$ 1,500,000.00	\$ 1,500,000.00	\$ 70,000.00	\$ 70,000.00	\$ 559,623.00	\$ 559,623.00
2	Construction Surveying and Staking	LS	1	\$ 163,000	\$ 163,000	\$ 300,000.00	\$ 300,000.00	\$ 745,000.00	\$ 745,000.00	\$ 150,000.00	\$ 150,000.00	\$ 431,500.00	\$ 431,500.00
3	Revised After Construction Surveying and Record Drawings	LS	1	\$ 24,000	\$ 24,000	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00	\$ 100,000.00	\$ 100,000.00	\$ 87,550.00	\$ 87,550.00
4	Clearing and Grubbing	LS	1	\$ 637,000	\$ 637,000	\$ 950,000.00	\$ 950,000.00	\$ 875,000.00	\$ 875,000.00	\$ 500,000.00	\$ 500,000.00	\$ 692,150.00	\$ 692,150.00
5	54-inch Diameter Raw Water Main Pipe												
a	STA 100+03 +/- to STA 393+00 +/- (Excludes Bore & Jack Installations)	LF	29,300	\$ 302	\$ 8,848,600	\$ 427.00	\$ 12,511,100.00	\$ 515.00	\$ 15,089,500.00	\$ 641.00	\$ 18,781,300.00	\$ 600.00	\$ 17,580,000.00
b	STA 393+00 to STA 488+43 International Paper Property (Excludes Bore & Jack Installation)	LF	9,600	\$ 310	\$ 2,976,000	\$ 427.00	\$ 4,099,200.00	\$ 515.00	\$ 4,944,000.00	\$ 641.00	\$ 6,153,600.00	\$ 643.00	\$ 6,172,800.00
c	STA 490+07 to STA 833+71 (Excludes Bore & Jack Installations & Livingston Creek Aerial Crossing)	LF	34,400	\$ 318	\$ 10,939,200	\$ 427.00	\$ 14,688,800.00	\$ 515.00	\$ 17,716,000.00	\$ 641.00	\$ 22,050,400.00	\$ 656.00	\$ 22,566,400.00
6	Bore & Jack 72-inch Steel Encasement Pipe												
a	Sheet C-54 NC Highway 11 (Min. 0.625 inch Wall Thick.)	LF	160	\$ 3,100	\$ 496,000	\$ 2,179.00	\$ 348,640.00	\$ 3,000.00	\$ 480,000.00	\$ 2,000.00	\$ 320,000.00	\$ 5,800.00	\$ 928,000.00
b	Sheet C-54 SR 1817 John Reigel Road (Min. 0.625-inch Wall Thick.)	LF	90	\$ 3,400	\$ 306,000	\$ 2,179.00	\$ 196,110.00	\$ 3,000.00	\$ 270,000.00	\$ 2,000.00	\$ 180,000.00	\$ 6,300.00	\$ 567,000.00
c	Sheet C-56 SR 1426 Mt. Misery Road (Min. 0.625-inch Wall Thick.)	LF	145	\$ 3,200	\$ 464,000	\$ 2,179.00	\$ 315,955.00	\$ 3,000.00	\$ 435,000.00	\$ 2,000.00	\$ 290,000.00	\$ 5,800.00	\$ 841,000.00
d	Sheet C-57 International Paper Rail Yard (Min 1.0" Wall Thick.)	LF	300	\$ 3,300	\$ 990,000	\$ 2,535.00	\$ 760,500.00	\$ 5,500.00	\$ 1,650,000.00	\$ 2,500.00	\$ 750,000.00	\$ 5,800.00	\$ 1,740,000.00
7	Sheet C-27 Livingston Creek Aerial Crossing	LS	1	\$ 1,000,000	\$ 1,000,000	\$ 775,000.00	\$ 775,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 300,000.00	\$ 300,000.00	\$1,400,000.00	\$ 1,400,000.00
7a	Additional Pile Lengths	LF	200	\$ 94	\$ 18,800	\$ 40.00	\$ 8,000.00	\$ 80.00	\$ 16,000.00	\$ 100.00	\$ 20,000.00	\$ 92.00	\$ 18,400.00
8	Raw Water Main Fittings (Ductile Iron Pipe ONLY)	LBS	280,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	Pigging Facilities												
a	Pig Launcher (Sheet C-1)	LS	1	\$ 42,000	\$ 42,000	\$ 35,000.00	\$ 35,000.00	\$ 75,000.00	\$ 75,000.00	\$ 30,000.00	\$ 30,000.00	\$ 79,000.00	\$ 79,000.00
b	Pig Retriever (Sheet C-50)	LS	1	\$ 24,000	\$ 24,000	\$ 38,000.00	\$ 38,000.00	\$ 20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 30,000.00	\$ 60,000.00	\$ 60,000.00
10	48-inch Raw Water Main Valves	EA	22	\$ 151,000	\$ 3,322,000	\$ 99,000.00	\$ 2,178,000.00	\$ 100,000.00	\$ 2,200,000.00	\$ 100,000.00	\$ 2,200,000.00	\$ 150,000.00	\$ 3,300,000.00
11	Raw Water Main Connections											\$ 73,000	
a	Sheet C-1 Connection to Existing Raw Water Main Stub-Out at STA 100+03	LS	1	\$ 27,000	\$ 27,000	\$ 32,000.00	\$ 32,000.00	\$ 250,000.00	\$ 250,000.00	\$ 20,000.00	\$ 20,000.00	\$ 73,000.00	\$ 73,000.00
b	Sheet C-50 Connections (Two Total) to Existing 48-Inch Raw Water Main	LS	1	\$ 134,000	\$ 134,000	\$ 184,000.00	\$ 184,000.00	\$ 50,000.00	\$ 50,000.00	\$ 120,000.00	\$ 120,000.00	\$ 197,000.00	\$ 197,000.00
12	48-inch Diameter Raw Water Main Pipe	LF	300	\$ 800	\$ 240,000	\$ 570.00	\$ 171,000.00	\$ 500.00	\$ 150,000.00	\$ 600.00	\$ 180,000.00	\$ 1,900.00	\$ 570,000.00
13	Combination Air Vacuum/ Air Release Valve and Vault	EA	25	\$ 30,000	\$ 750,000	\$ 34,600.00	\$ 865,000.00	\$ 30,000.00	\$ 750,000.00	\$ 40,000.00	\$ 1,000,000.00	\$ 70,000.00	\$ 1,750,000.00
14	Blow-Off / Drain Assembly	EA	8	\$ 13,000	\$ 104,000	\$ 6,500.00	\$ 52,000.00	\$ 7,500.00	\$ 60,000.00	\$ 15,000.00	\$ 120,000.00	\$ 19,000.00	\$ 152,000.00
15	30-inch Raw Water Main Pipe Replacement (Sheet C-2)	LS	1	\$ 58,000	\$ 58,000	\$ 60,000.00	\$ 60,000.00	\$ 30,000.00	\$ 30,000.00	\$ 60,000.00	\$ 60,000.00	\$ 140,000.00	\$ 140,000.00
16	Roadway Repair & Restoration											\$ 34	
a	Asphalt Roadway Trench Repair	LF	250	\$ 240	\$ 60,000	\$ 303.00	\$ 75,750.00	\$ 150.00	\$ 37,500.00	\$ 100.00	\$ 25,000.00	\$ 34.00	\$ 8,500.00
b	Asphalt Overlay	SY	2,400	\$ 40	\$ 96,000	\$ 30.00	\$ 72,000.00	\$ 30.00	\$ 72,000.00	\$ 18.00	\$ 43,200.00	\$ 34.00	\$ 81,600.00
c	Temporary Access Road (Reference Sheets C-51, C-52, C-53)	EA	5	\$ 26,000	\$ 130,000	\$ 20,000.00	\$ 100,000.00	\$ 5,000.00	\$ 25,000.00	\$ 6,000.00	\$ 30,000.00	\$ 13,000.00	\$ 65,000.00
17	Cathodic Protection Installation and Testing (Complete)	LS	1	\$ 500,000	\$ 500,000	\$ 330,000.00	\$ 330,000.00	\$ 275,000.00	\$ 275,000.00	\$ 500,000.00	\$ 500,000.00	\$ 390,000.00	\$ 390,000.00
18	Utility Marker	EA	13	\$ 160	\$ 2,080	\$ 60.00	\$ 780.00	\$ 50.00	\$ 650.00	\$ 100.00	\$ 1,300.00	\$ 700.00	\$ 9,100.00
19	Subgrade Stabilization Stone As Required (Per Linear Foot Per 6-Inch Lift)	LF	125,000	\$ 9	\$ 1,125,000	\$ 12.10	\$ 1,512,500.00	\$ 0.05	\$ 6,250.00	\$ 8.00	\$ 1,000,000.00	\$ 20.00	\$ 2,500,000.00
20	Modify/Relocate 12" Raw Water Main Stub-Out & Valve (Sheet C-2)	LS	1	\$ 18,000	\$ 18,000	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 59,000.00	\$ 59,000.00
21	Sheeting/Shoring at Duke Energy Transmission Structure (Sheet C-44)	LS	1	\$ 27,000	\$ 27,000	\$ 250,000.00	\$ 250,000.00	\$ 35,000.00	\$ 35,000.00	\$ 75,000.00	\$ 75,000.00	\$ 158,000.00	\$ 158,000.00
22	Removal of Tennis Court (Sheet C-41)	LS	1	\$ 1,800	\$ 1,800	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00
23	Erosion and Sedimentation Control												
a	Temporary Silt Fence	LF	86,000	\$ 2	\$ 172,000	\$ 1.80	\$ 154,800.00	\$ 2.00	\$ 172,000.00	\$ 2.00	\$ 172,000.00	\$ 10.00	\$ 860,000.00
b	Check Dam	EA	50	\$ 383	\$ 19,150	\$ 300.00	\$ 15,000.00	\$ 500.00	\$ 25,000.00	\$ 250.00	\$ 12,500.00	\$ 1,400.00	\$ 70,000.00
c	Silt Curtains	EA	25	\$ 700	\$ 17,500	\$ 500.00	\$ 12,500.00	\$ 3,000.00	\$ 75,000.00	\$ 1,000.00	\$ 25,000.00	\$ 10,000.00	\$ 250,000.00
d	Seeding and Restoration	LF	75,000	\$ 6	\$ 450,000	\$ 3.50	\$ 262,500.00	\$ 4.50	\$ 337,500.00	\$ 2.00	\$ 150,000.00	\$ 9.00	\$ 675,000.00
24	Replacement/Restoration of Driveways												
a	Asphalt Driveway	EA	1	\$ 5,000	\$ 5,000	\$ 7,000.00	\$ 7,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,500.00	\$ 1,500.00	\$ 5,500.00	\$ 5,500.00
b	Concrete Driveway	EA	2	\$ 7,000	\$ 14,000	\$ 10,000.00	\$ 20,000.00	\$ 5,000.00	\$ 10,000.00	\$ 2,000.00	\$ 4,000.00	\$ 6,000.00	\$ 12,000.00
c	Gravel Driveway	EA	5	\$ 1,800	\$ 9,000	\$ 2,000.00	\$ 10,000.00	\$ 500.00	\$ 2,500.00	\$ 500.00	\$ 2,500.00	\$ 4,000.00	\$ 20,000.00
d	Compacted Soil Driveway	EA	30	\$ 500	\$ 15,000	\$ 300.00	\$ 9,000.00	\$ 100.00	\$ 3,000.00	\$ 250.00	\$ 7,500.00	\$ 1,500.00	\$ 45,000.00

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25	Geotechnical Instrumentation and Monitoring												
a	Existing Structure	EA	15	\$ 6,500	\$ 97,500	\$ 1,600.00	\$ 24,000.00	\$ 4,500.00	\$ 67,500.00	\$ 500.00	\$ 7,500.00	\$ 2,900.00	\$ 43,500.00
b	IP Rail Yard Crossing	LS	1	\$ 60,000	\$ 60,000	\$ 9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 23,000.00	\$ 23,000.00
TOTAL BASE BID AMOUNT SCHEDULE I (ITEMS 1 THROUGH 25)					\$ 35,497,630.00		\$ 42,713,135.00		\$ 49,524,400.00		\$ 55,512,300.00		\$ 65,186,623.00

SCHEDULE II				Garney Companies		S.J. Louis Construction		Ruby-Collins, Inc.		Oscar Renda		Reynolds Construction	
Item No.	Description	Unit	Estimated Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
26	Sheet C-60 Connection to Brunswick Service Main and Meter to include Meter Installation, Valves Vault, Electrical, Controls, Bypass Piping, Fencing, and all Miscellaneous Appurtenances for a Complete Installation (STA. 809+50)	LS	1	\$ 628,000	\$ 628,000	\$ 972,000.00	\$ 972,000.00	\$ 650,000.00	\$ 650,000.00	\$ 1,200,000.00	\$ 1,200,000.00	\$ 1,200,000.00	\$ 1,200,000.00
27	Pressure Reducing Valves												
a	Sheet C-59 30" Pressure Reducing Valve on Existing 48" PCCP Raw Water Main	EA	1	\$ 400,000	\$ 400,000	\$ 347,000.00	\$ 347,000.00	\$ 385,000.00	\$ 385,000.00	\$ 400,000.00	\$ 400,000.00	\$ 513,000.00	\$ 513,000.00
b	Sheet C-59 24" Pressure Reducing Valve on Existing 48" PCCP Raw Water Main	EA	1	\$ 335,000	\$ 335,000	\$ 367,000.00	\$ 367,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 442,000.00	\$ 442,000.00
28	Raw Water Main Connections												
a	Sheet C-10 Connection to Existing 48-inch Raw Water Main at STA 243+25	LS	1	\$ 90,000	\$ 90,000	\$ 90,000.00	\$ 90,000.00	\$ 50,000.00	\$ 50,000.00	\$ 70,000.00	\$ 70,000.00	\$ 115,000.00	\$ 115,000.00
b	Sheet C-22 Connection to Existing 48-inch Raw Water Main at STA 416+35	LS	1	\$ 114,000	\$ 114,000	\$ 60,000.00	\$ 60,000.00	\$ 75,000.00	\$ 75,000.00	\$ 30,000.00	\$ 30,000.00	\$ 138,000.00	\$ 138,000.00
c	Sheet C-36 Connection to Existing 48-inch Raw Water Main at STA 636+65	LS	1	\$ 95,000	\$ 95,000	\$ 90,000.00	\$ 90,000.00	\$ 50,000.00	\$ 50,000.00	\$ 70,000.00	\$ 70,000.00	\$ 128,000.00	\$ 128,000.00
29	New Fences at Interconnections												
a	6' Chain link Fence	LF	600	\$ 10	\$ 6,000	\$ 50.00	\$ 30,000.00	\$ 30.00	\$ 18,000.00	\$ 40.00	\$ 24,000.00	\$ 28.00	\$ 16,800.00
b	Double Hinge Access Gate	EA	3	\$ 4,000	\$ 12,000	\$ 4,000.00	\$ 12,000.00	\$ 2,000.00	\$ 6,000.00	\$ 2,500.00	\$ 7,500.00	\$ 1,700.00	\$ 5,100.00
c	6" Stone and Geofabric inside fenced area	SY	900	\$ 21	\$ 18,900	\$ 20.00	\$ 18,000.00	\$ 20.00	\$ 18,000.00	\$ 5.00	\$ 4,500.00	\$ 42.00	\$ 37,800.00
30	Bollards	EA	12	\$ 609	\$ 7,308	\$ 500.00	\$ 6,000.00	\$ 250.00	\$ 3,000.00	\$ 250.00	\$ 3,000.00	\$ 900.00	\$ 10,800.00
TOTAL BASE BID AMOUNT SCHEDULE II (ITEMS 26 THROUGH 30)					\$ 1,706,208		\$ 1,992,000.00		\$ 1,505,000.00		\$ 2,059,000.00		\$ 2,606,500.00
TOTAL BASE BID AMOUNT SCHEDULE I AND SCHEDULE II (ITEMS 1 THROUGH 30)					\$ 37,203,838.00		\$ 44,705,135.00		\$ 51,029,400.00		\$ 57,571,300.00		\$ 67,793,123.00

Certified as Correct


 Jesse E. Powell, PE
 Staff Engineer
 McKim & Creed, Inc.



8-28-19

Date