

Blair Highway 75 Pump Station, IFB Opinion of Probable Construction Cost - 10.10.2025

Discipline	Item Description	Quantity	Unit	Unit Cost			Total Cost
				Material	Labor	Total Unit Cost	
Series 01 - Highway 75 Pump Station							
D	12" RJ Class 350 DIP	330	LF	\$ 180.00	\$ 54.00	\$ 234.00	\$ 77,220
D	12" Wet Tap	2	EA			\$ 20,000.00	\$ 40,000
D	12" Insertion Valve	1	EA			\$ 35,000.00	\$ 35,000
D	Valve Box	3	EA	\$ 271.00	\$ 81.30	\$ 352.30	\$ 1,057
D	12" x 6" Tee	1	EA	\$ 936.00	\$ 280.80	\$ 1,216.80	\$ 1,217
D	12" 90 degree Bend	4	EA	\$ 675.00	\$ 202.50	\$ 877.50	\$ 3,510
D	12" 45 degree Bend	2	EA	\$ 560.00	\$ 168.00	\$ 728.00	\$ 1,456
D	12" 11.25 degree Bend	2	EA	\$ 460.00	\$ 138.00	\$ 598.00	\$ 1,196
D	12" MJ Restraints	30	EA	\$ 250.00	\$ 75.00	\$ 325.00	\$ 9,750
D	6" MJ Class 350 DIP	10	LF	\$ 100.00	\$ 30.00	\$ 130.00	\$ 1,300
D	6" Gate Valve	1	EA	\$ 3,500.00	\$ 1,050.00	\$ 4,550.00	\$ 4,550
D	Fire Hydrant	1	EA	\$ 4,775.00	\$ 1,432.50	\$ 6,207.50	\$ 6,208
D	<i>*Prefabricated Booster Pump Station</i>	1	LS	\$ 730,000.00	\$ 73,000.00	\$ 803,000.00	\$ 803,000
D	6" PVC Pipe	15	LF	\$ 25.00	\$ 50.00	\$ 75.00	\$ 1,125
D	6" Perforated Pipe	1	LS	\$ 150.00	\$ 750.00	\$ 900.00	\$ 900
D	Chlorine Analyzer	1	LS	-	-	\$ 1,500.00	\$ 1,500
C	Antenna Tower Installation	1	LS	-	-	\$ 3,600.00	\$ 3,600
C	Bollard	5	EA	-	-	\$ 1,200.00	\$ 6,000
C	Construct Aggregate Base and Surface Course	254	SY	\$ 15.00		\$ 15.00	\$ 3,817
C	Construct 10" Concrete Pavement (Type OPW 3500)	244	SY	\$ 120.00		\$ 120.00	\$ 29,280
C	Subgrade Preparation	244	SY	\$ 10.00		\$ 10.00	\$ 2,440
C	10' Chain Link Fence	330	LF	\$ 65.00		\$ 65.00	\$ 21,450
C	Excavation On Site	45	CY	\$ 35.00		\$ 35.00	\$ 1,575
C	Embankment - Borrow	505	CY	\$ 30.00		\$ 30.00	\$ 15,150
C	Clearing and Grubbing	1	LS	-	-	\$ 5,000.00	\$ 5,000
C	Silt Fence	615	LF	-	-	\$ 4.00	\$ 2,460
C	SWPPP Notification Sign	1	EA	-	-	\$ 600.00	\$ 600
C	Concrete Washout	1	EA	-	-	\$ 1,600.00	\$ 1,600
C	Remove Topsoil	3000	SY	-	-	\$ 2.00	\$ 6,000
C	Place Topsoil and Install Seeding	2000	SY	-	-	\$ 3.00	\$ 6,000
S	45' x 14' x 1'-0" PS Foundation w/ Slab Turndowns	65	CY	\$ 300.00	\$ 350.00	\$ 650.00	\$ 42,467
S	21' x 9' x 4'-0" Generator Pad	28	CY	\$ 300.00	\$ 250.00	\$ 550.00	\$ 15,400
S	5' x 5' x 8'-0" Antenna Pad	7	CY	\$ 600.00	\$ 350.00	\$ 950.00	\$ 7,037
S	6.5' x 6.5' x 0'-8" Transformer Pad	1	CY	\$ 600.00	\$ 250.00	\$ 850.00	\$ 887
S	4 - 1'-0" Dia x 4'-0" Transformer Piers	13	CY	\$ 600.00	\$ 750.00	\$ 1,350.00	\$ 16,965
E	New Electrical - Utility Work	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000
E	New Electrical - Electrical Ductbank & Site Work	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 80,000.00	\$ 80,000
E	New Electrical - Site Wiring	1	LS	\$ 40,000.00	\$ 40,000.00	\$ 80,000.00	\$ 80,000
E	New Electrical - 500kW Minimum Gas Generator	1	LS	\$ 250,000.00	\$ 20,000.00	\$ 270,000.00	\$ 270,000
E	New Electrical - Site Pole Light	1	EA	\$ 5,000.00	\$ 2,000.00	\$ 7,000.00	\$ 7,000
E	New Electrical - Acceptance Testing	1	LS	\$ -	-	\$ 15,000.00	\$ 15,000
Series 02 - PRV Vault							
D	12" MJ Class 350 DIP	90	LF	\$ 180.00	\$ 54.00	\$ 234.00	\$ 21,060
D	12" Wet Tap	2	EA			\$ 20,000.00	\$ 40,000
D	12" Insertion Valve	1	EA			\$ 35,000.00	\$ 35,000
D	Valve Box	3	EA	\$ 271.00	\$ 81.30	\$ 352.30	\$ 1,057
D	12" DR 18, C900 PVC Pipe	20	LF	\$ 68.00	\$ 20.40	\$ 88.40	\$ 1,768
D	12" 90 degree Bend	2	EA	\$ 675.00	\$ 202.50	\$ 877.50	\$ 1,755
D	12" MJ Restraints	12	EA	\$ 250.00	\$ 75.00	\$ 325.00	\$ 3,900
D	PRV Vault Cathodic Protection Anode Replacement	2	EA	\$ 215.00	\$ 64.50	\$ 279.50	\$ 559
D	12" Restrained Couplings	2	EA	\$ 250.00	\$ 75.00	\$ 325.00	\$ 650
D	Allowance - Re-coat exterior of PRV Vault	1	LS	-	-	\$ 3,500.00	\$ 3,500
C	PRV Vault Relocation	1	LS	-	-	\$ 4,700.00	\$ 4,700
C	Silt Fence	265	LF	-	-	\$ 4.00	\$ 1,060
C	Remove Topsoil	600	SY	-	-	\$ 2.00	\$ 1,200
C	Place Topsoil and Install Seeding	450	SY	-	-	\$ 3.00	\$ 1,350
S	10' x 11' x 1'-0" PRV Vault Pad	5	CY	\$ 300.00	\$ 250.00	\$ 550.00	\$ 2,750
E	Utility Pole	1	EA	-	-	\$ 2,000.00	\$ 2,000
E	Electrical Demo	1	LS		\$ 2,500.00	\$ 2,500.00	\$ 2,500
E	Electrical New	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 15,000.00	\$ 15,000
E	Remove Antenna Pole	1	LS	-	-	\$ 1,800.00	\$ 1,800

**Prefabricated booster pump station includes 44' x 13' building, (3) 125 HP 1,000 gpm 304 TDH pumps, electrical, HVAC, interior piping, and accessories.*

Direct Subtotal =	\$ 1,810,324
Mob/Dmob (4%) =	\$ 72,413
Contractor's Home Office OH (4%) =	\$ 72,413
Contractor's GCs (12%) =	\$ 217,239
Bonds and Insurance (2.5%) =	\$ 45,258
Contractor's Profit (15%) =	\$ 271,549
Contingency (5%) =	\$ 90,516
Construction Subtotal =	\$ 2,579,711
Automatic Systems Proposal =	\$ 150,370
Black Hills Energy (New Service Install) =	\$ 14,500
TOTAL (Rounded) =	\$ 2,745,000