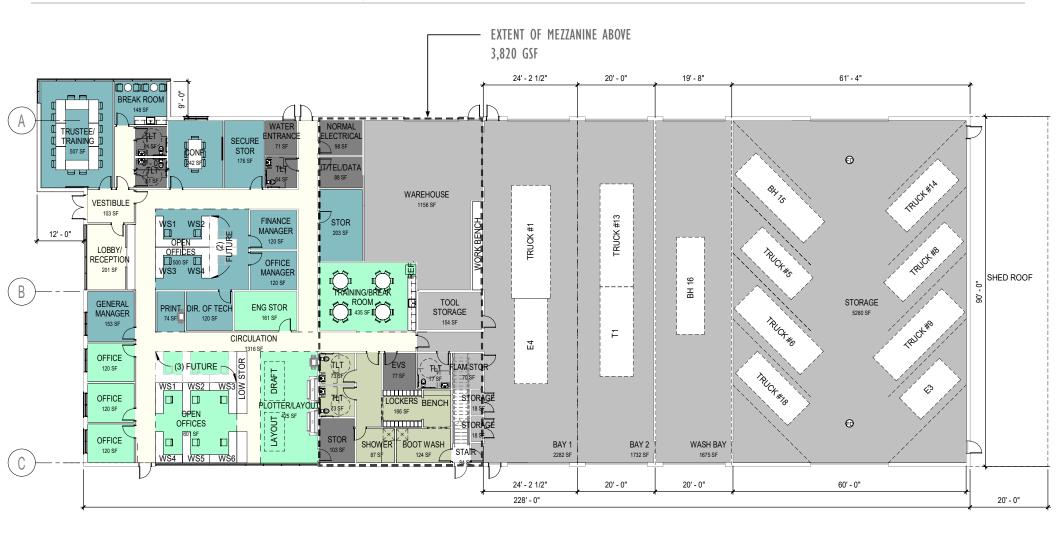


## KENNEBEC WATER DISTRICT OPERATION CENTER

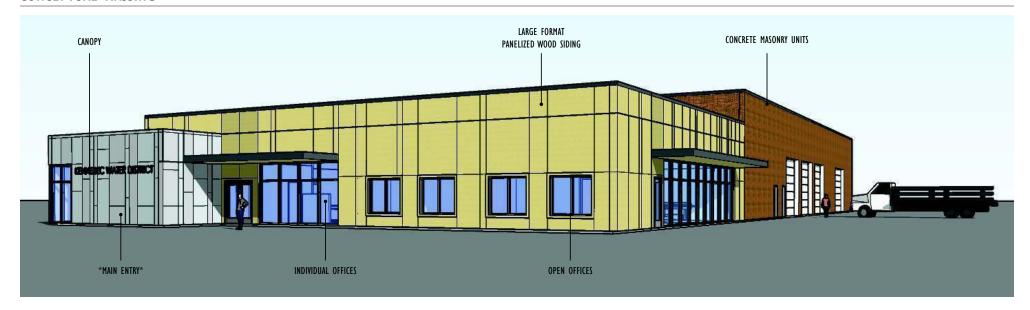
CONCEPT DESIGN 10.15.2020







## CONCEPTUAL MASSING







## **Kennebec Water District**

Project Cost Checklist

	23-Sep-20	OWNER DIRECT EXPENSES	ARCHITECT	CONTRACTOR	
CONC	•				<del>-</del>
1.	TRUCTION (Building):  Main Building				
				4,725,000	
	Laminated Arch Building			867,735	
	Cold Storage Building			573,608	
	Site			2,788,257	
	Escalation at 3% - estimated cost increase based on 2022 construction start	<u> </u>		268,638	
SUBT	OTAL Section 1:	0	0	9,223,238	9,223,23
<u>2.</u> 3.	Connection fees for bldg, utilities Water during construction	Included Above Included Above			
4.	Electric during construction	Included Above			
5.	Fuel during construction	Included Above			
SOBI	OTAL Section II:	0	0	0	
II. FEES					_
1.	Architect/Engineer - Basic Services		737,859		assume 8%
۷.	Architect/Engineer - Bidding & Const. Admin  Models / Renderings		184,465 5,000		
-	Virtual walk throughs	0	0		
3.	Architect Reimbursables	20.000	7,500		
4. 5.	IT / AV /Security Planning / Design Furnishings: Planning / Design	30,000	0		+
6.	Regulatory Permitting Fee	·	15,000		†
7.	Testing & Inspection:	7,500			
8. 9.	Commissioning Moving/Transition	25,000 5,000	0		4
	OTAL Section III:	67,500	949,824	0	1,017,32
	EYS/REGULATORY PERMITTING FEES:	25.000			7
<u>1.</u>	Land Survey Geotechnical/Borings	25,000 15,000			
3.	Traffic	8,000			
4.	Wetlands / Environmental Assessments	7,500			
<u>5.</u>	Air Emissions DEP	1,000 15,000			
7.	Local Building Permit	13,000		Included in Construction	
					-
8.	Fire Marshall: Building Permit	2,000			
8. 9.	Barrier Free	250	0	0	48 75
8. 9.			0	0	48,75
8. 9. SUBT	Barrier Free	250	0	0	
8. 9. SUBT	Barrier Free OTAL Section IV:	250	0	0	*Assumes some existing to be reused
8. 9. SUBT V. EQUII 1. 2.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior	250 48,750 90,000 12,000	0	0	*Assumes some existing to be
8. 9. SUBT V. EQUII 1. 2. 3.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT	90,000 12,000 90,000			*Assumes some existing to be reused
8. 9. SUBT V. EQUII 1. 2. 3.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior	250 48,750 90,000 12,000	0	0	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V: NCIAL:	90,000 12,000 90,000 192,000			*Assumes some existing to be
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT  VI. FINAL 1.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing	90,000 12,000 90,000		0	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V: NCIAL:	90,000 12,000 90,000 192,000			*Assumes some existing to be reused
8. 9. SUBT 1. 2. 3. SUBT VI. FINAI 1. 2. 3. 4.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment	90,000 12,000 90,000 192,000		0 Included in Construction	*Assumes some existing to be reused
8. 9. SUBT 1. 2. 3. SUBT 1. 2. 3. SUBT 1. 2. 3. 4. 5.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction	90,000 12,000 90,000 192,000		O  Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 4. 5. 6.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other	90,000 12,000 90,000 192,000		O  Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V: NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE:	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  1. 2. 3. SUBT  1. 2. 3. SUBT  5. 6. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT  VII. INSUII	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V: NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE:	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction Included in Construction Included in Construction Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUII  1. 2. 3. 4. 4. 5. 6. 5. 6. 5. 6. 5. 6. 8. 8. 8. 9. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUI  2. 3. 4. 5. 5. 5. 5.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  ACIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUII  1. 2. 3. 4. 5. 6. 5. 6. 5. 6. 7.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk	250 48,750 90,000 12,000 90,000 192,000	0	Included in Construction	*Assumes some existing to be reused
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUII  1. 2. 3. 4. 5. 6. 5. 6. 5. 6. 7.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability	250 48,750 90,000 12,000 90,000 192,000 0	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT  VII.INSUI 1. 2. 3. 4. 5. 6. SUBT  SUBT  SUBT  SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE:  Furniture  Signage Interior / Exterior  IT OTAL Section V:  NCIAL:  Interim Financing  Bonds  Bid  Performance/Payment  Interest During Construction  Other OTAL Section VI:  RANCE:  Project Insurance Policy  Vehicle Liability  Property Damage  Fire & Extended Coverage  Vandalism  Workmen's Comp. & Employees' Liability  Builder's Risk OTAL Section VII:	250 48,750 90,000 12,000 90,000 192,000 0 0	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  V. EQUII 1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT  VII. INSUII 1. 2. 3. 4. 5. 6. SUBT  VIII. INSUII 1. 5. 6. SUBT  VIII. INSUII 1. 5. 6. SUBT  VIII. INSUII 1. 5. 6. 7. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  **CIAL:** Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  **CANCE:** Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  **INGENCY:** INGENCY:** Project (10% of construction)	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 922,324	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUI  2. 3. 4. 5. 6. SUBT  VII. SUBT  VIII. SUBT  VIII. SUBT  VIII. CONT  1. 2. 3. 4. 5. 6. 7. SUBT  VIII. CONT  1. 2. 3. 4. 5. 6. 7. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  ACIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  INGENCY: Project (10% of construction) Estimate Contigency (5% of construction)	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 40,000	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  1. 2. 3. 4. 5. 6. SUBT  VII.INSUI  1. 2. 3. 4. 5. 6. SUBT  VIII.INSUI  1. 2. 3. 4. 5. 6. 3. 4. 5. 6. 7. SUBT  VIII.CONT  1. 2. 3. 4. 5. 6. 7. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  NANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees)	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 40,000 922,324 461,162 0	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. SUBT  VII. INSUI  2. 3. 4. 5. 6. SUBT  VII. SUBT  VIII. SUBT  VIII. SUBT  VIII. CONT  1. 2. 3. 4. 5. 6. 7. SUBT  VIII. CONT  1. 2. 3. 4. 5. 6. 7. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  ACIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  INGENCY: Project (10% of construction) Estimate Contigency (5% of construction)	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 40,000	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused 192,00
8. 9. SUBT  7. EQUII 1. 2. 3. SUBT  71. FINAI 1. 2. 3. 4. 5. 6. SUBT  71. INSUI 1. 2. 3. 4. 5. 6. 5. 6. 7. SUBT  71. SUBT  72. 3. 44. 5. 66. 7. SUBT  66. 7. SUBT  66. 7. SUBT  67. SUBT  68. 69. 69. 69. 69. 69. 69. 69. 69. 69. 69	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII: INGENCY: Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing Other	250 48,750  90,000 12,000 90,000 192,000  0  TBD  40,000 40,000 40,000  922,324 461,162 0 0 TBD 0	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	Assumes some existing to be reused  192,00
8. 9. SUBT  7. EQUII 1. 2. 3. SUBT  71. FINAI 1. 2. 3. 4. 5. 6. SUBT  71. INSUI 1. 2. 3. 4. 5. 6. 5. 6. 7. SUBT  71. SUBT  72. 3. 44. 5. 66. 7. SUBT  66. 7. SUBT  66. 7. SUBT  67. SUBT  68. 69. 69. 69. 69. 69. 69. 69. 69. 69. 69	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  INGENCY: Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 40,000 922,324 461,162 0 0 TBD	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	Assumes some existing to be reused  192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI  1. 2. 3. 4. 5. 6. 5. 6. 7. SUBT  VIII.CONT  1. 2. 3. 4. 5. 6. 5. 6. 7. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  RANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII: INGENCY: Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing Other	250 48,750  90,000 12,000 90,000 192,000  0  TBD  40,000 40,000 40,000  922,324 461,162 0 0 TBD 0 1,383,486	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	Assumes some existing to be reused  192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  1. 2. 3. 4. 5. 6. SUBT  VII. INSUI  1. 2. 3. 4. 5. 6. 5. 6. 5. 6. 5. 6. 5. 8. SUBT  I. 2. 3. 4. 5. 6. 5. 6. 5. SUBT  I. 2. 3. 4. 5. 6. SUBT  I. SUBT  II. SUBT  II. SUBT  II. SUBT  II. SUBT  II. SUBT  III. SUBT  II	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  NANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  PINGENCY: Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing Other OTAL Section VIII:  R - PROJECT COSTS: Advertising	250 48,750  90,000 12,000 90,000 192,000  0  TBD  40,000 40,000 40,000  922,324 461,162 0 0 TBD 0	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	Assumes some existing to be reused  192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT  VII.INSUI 1. 2. 3. 4. 5. 6. 5. 6. 7. SUBT  L. 2. 3. 4. 5. 6. 7. SUBT  L. 3. 4. 5. 6. SUBT  L. 5. 6. SUBT	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  **CIAL:** Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  **CANCE:** Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  **INGENCY:** Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing Other OTAL Section VIII:  **R - PROJECT COSTS:** Advertising Signage Design	250 48,750 90,000 12,000 90,000 192,000 0 0 TBD 40,000 40,000 40,000 922,324 461,162 0 0 TBD 0 1,383,486	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	Assumes some existing to be reused  192,00
8. 9. SUBT  V. EQUII  1. 2. 3. SUBT  VI. FINAI 1. 2. 3. 4. 5. 6. SUBT  VII.INSUI 1. 2. 3. 4. 5. 6. SUBT  I. 2. 3. 4. 5. 6. SUBT  I. 2. 3. 4. 5. 6. T. SUBT  I. 2. 3. 4. 5. 6. SUBT  I. 2. 3. 4. 5. 6. SUBT  I. 2. II. 2. III. 2. II. 2. III. 2. II. 2. III. 2. II. 2. III. 2. II. 2.	Barrier Free OTAL Section IV:  PMENT/SYSTEMS/FURNITURE: Furniture Signage Interior / Exterior IT OTAL Section V:  NCIAL: Interim Financing Bonds Bid Performance/Payment Interest During Construction Other OTAL Section VI:  NANCE: Project Insurance Policy Vehicle Liability Property Damage Fire & Extended Coverage Vandalism Workmen's Comp. & Employees' Liability Builder's Risk OTAL Section VII:  PINGENCY: Project (10% of construction) Estimate Contigency (5% of construction) Regulatory (4% of fees) Equipment/Systems/Furniture (4% of estimate) Financing Other OTAL Section VIII:  R - PROJECT COSTS: Advertising	250 48,750  90,000 12,000 90,000 192,000  0  TBD  40,000 40,000 40,000  922,324 461,162 0 0 TBD 0 1,383,486	0	Included in Construction Included in Construction Included in Construction  O  Included in Construction	*Assumes some existing to be reused

