

EXHIBIT B
MANHOUR AND FEE ESTIMATE
GNV - General Aviation Apron Rehabilitation and Partial Reconstruction
FEE SUMMARY

PROFESSIONAL SERVICES:

	<u>Duration</u>	<u>Const. Admin</u>	<u>RPR</u>	<u>Total</u>	<u>DBE</u>
Bid Schedule A - Central Apron Reconstruction	205	\$133,208.45	\$202,920.00	\$336,128.45	\$40,000.00
Bid Schedule B - Central Apron Rehabilitation	42	\$16,268.90	\$44,520.00	\$60,788.90	\$10,000.00
Bid Schedule C - Central Apron Expansion	30	\$14,688.90	\$33,280.00	\$47,968.90	\$10,000.00
AIP Eligible Total:	277	\$164,166.25	\$280,720.00	\$444,886.25	\$60,000.00
Bid Schedule E - Central Apron Rehabilitation	3	\$795.00	\$4,080.00	\$4,875.00	\$500.00
Non-AIP Eligible Total:	3	\$795.00	\$4,080.00	\$4,875.00	\$500.00
Professional Services Total :	280	\$164,961.25	\$284,800.00	\$449,761.25	\$60,500.00
				DBE %	13.5%

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The fee estimate below is based on a construction duration of 205 Calendar Days

Bid Schedule A - Central Apron Reconstruction						
Construction Administration						
Item/Task Description	Senior Project Manager	Project Engineer	Senior Designer	CADD Technician	Admin Assistant	Totals
Issue Construction Documents	2	8	8	8	2	28
Project Management-Invoicing/Progress Reports	12				12	24
Pre-Construction Conference	4	4			2	10
Coordination with GNV	24				12	36
Coordination with RPR	24					
Coordination with SubConsultants	8	16			8	32
Assist GNV with the coordination of work with Permit Agencies	8	8			4	20
Monitor contractor's compliance with plans and specs	16	16			4	36
Monitor contractor's progress based upon approved schedule & recommend corrective action.	16	16			4	36
Monitor contractor's QC Plan, Report Deficiencies, recommend corrective action	16	16			12	44
Review Submittals	4	16			12	32
Respond to RFIs	24	24			12	60
Scope and Assist with Change Orders	24	24			12	60
Review Contractor Survey Files for Accuracy	2	8	12	8		30
Review Quality Assurance Test Data	8	16			12	36
Attend Bi-Weekly Progress Meetings (16 Total)	64	64			30	158
Substantial Completion Inspection and Provide Punch List	8	8			2	18
Final Inspection	8	8			2	18
Review Close-Out Submittals	2	2				4
Permit Agency Close-Out Documents	2	8	10		4	24
Prepare As-Built Drawings	2	2	8	16		28
Close-Out Documentation	4	16			16	36
Total:	282	280	38	32	162	770
Hourly Rate:	\$230.00	\$140.00	\$150.00	\$85.00	\$80.00	
Total Direct Labor:	\$64,860.00	\$39,200.00	\$5,700.00	\$2,720.00	\$12,960.00	\$125,440.00

SUBCONSULTANTS:	
Pavement Support - API	\$5,000.00
Total Subconsultant Costs	\$5,000.00

DIRECT COSTS	
Reproduction (300 11x17 Color)	\$600.00
Reproduction (100 letter Color)	\$60.00
Reproduction (200 letter B&W)	\$20.00
Mileage (21 Trips @ 170 Miles @ \$0.585 per mile)	\$2,088.45
Total Direct Costs	\$2,768.45

Total Phase Bid Schedule A (Lump Sum): **\$133,208.45**

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The fee estimate below is based on a construction duration of 205 Calendar Days

Bid Schedule A - Central Apron Reconstruction				
Resident Project Representative				
Item/Task Description		Senior Inspector	Admin Assistant	Totals
Resident Project Representative		1120		1120
RPR Administrative Support			24	24
	Total:	1120	24	1144
	Hourly Rate:	\$125.00	\$80.00	
	Total Direct Labor:	\$140,000.00	\$1,920.00	\$141,920.00
SUBCONSULTANTS:				
Materials Testing - CTI				\$40,000.00
	Total Subconsultant Costs			\$40,000.00
DIRECT COSTS				
Vehicle Allowance (\$650 per week)				\$19,500.00
Meals (\$10 per day or \$50 per week)				\$1,500.00
	Total Direct Costs			\$21,000.00
Total Bid Schedule A (Not-To-Exceed):				\$202,920.00

EXHIBIT "B"

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The fee estimate below is based on a construction duration of 42 Calendar Days

Bid Schedule B - Central Apron Rehabilitation						
Construction Administration						
Item/Task Description	Senior Project Manager	Project Engineer	Senior Designer	CADD Technician	Admin Assistant	Totals
Issue Construction Documents			2	2		4
Project Management-Invoicing/Progress Reports						0
Pre-Construction Conference						0
Coordination with GNV	2				4	6
Coordination with RPR	2					2
Coordination with SubConsultants	2					2
Assist GNV with the coordination of work with Permit Agencies						0
Monitor contractor's compliance with plans and specs	2	2				4
Monitor contractor's progress based upon approved schedule & recommend corrective action.	2	2				4
Monitor contractor's QC Plan, Report Deficiencies, recommend corrective action	2	2				4
Review Submittals						0
Respond to RFIs	2	2			2	6
Scope and Assist with Change Orders	2	2			2	6
Review Contractor Survey Files for Accuracy	2	2	4	4		12
Review Quality Assurance Test Data	2	4			2	8
Attend Progress Meetings (4 Total)	8	8			2	18
Substantial Completion Inspection and Provide Punch List	4	4				8
Final Inspection	4	4				8
Review Close-Out Submittals						0
Permit Agency Close-Out Documents						0
Prepare As-Built Drawings			4	4		8
Close-Out Documentation						0
Total:	36	32	10	10	12	100
Hourly Rate:	\$230.00	\$140.00	\$150.00	\$85.00	\$80.00	
Total Direct Labor:	\$8,280.00	\$4,480.00	\$1,500.00	\$850.00	\$960.00	\$16,070.00
SUBCONSULTANTS:						
Pavement Support - API						
Total Subconsultant Costs						\$0.00
DIRECT COSTS						
Mileage (4 Trips @ 170 Miles @ \$0.585 per mile)						
						\$198.90
Total Direct Costs						\$198.90
Total Bid Schedule B (Lump Sum):						\$16,268.90

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The fee estimate below is based on a construction duration 42 Calendar Days

Bid Schedule B - Central Apron Rehabilitation			
Resident Project Representative			
Item/Task Description	Senior Inspector	Admin Assistant	Totals
Resident Project Representative	240		240
RPR Administrative Support		4	4
Total:	240	4	244
Hourly Rate:	\$125.00	\$80.00	
Total Direct Labor:	\$30,000.00	\$320.00	\$30,320.00
SUBCONSULTANTS:			
Materials Testing - CTI			\$10,000.00
Total Subconsultant Costs			\$10,000.00
DIRECT COSTS			
Vehicle Allowance (\$650 per week)			\$3,900.00
Meals (\$10 per day or \$50 per week)			\$300.00
Total Direct Costs			\$4,200.00
Total Bid Schedule B (Not-To-Exceed):			\$44,520.00

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The fee estimate below is based on a construction duration of 30 Calendar Days

Bid Schedule C - Central Apron Expansion						
Construction Administration						
Item/Task Description	Senior Project Manager	Project Engineer	Senior Designer	CADD Technician	Admin Assistant	Totals
Issue Construction Documents			2	2		4
Project Management-Invoicing/Progress Reports						0
Pre-Construction Conference						0
Coordination with GNV	6				4	10
Coordination with RPR	4					4
Coordination with SubConsultants	2					2
Assist GNV with the coordination of work with Permit Agencies						0
Monitor contractor's compliance with plans and specs	2	2				4
Monitor contractor's progress based upon approved schedule & recommend corrective action.	2	2				4
Monitor contractor's QC Plan, Report Deficiencies, recommend corrective action	2	2				4
Review Submittals						0
Respond to RFIs	2	2			2	6
Scope and Assist with Change Orders	2	2			2	6
Review Contractor Survey Files for Accuracy	2	2	4	4		12
Review Quality Assurance Test Data	2	4			2	8
Attend Progress Meetings (2 Total)	8	8			2	18
Substantial Completion Inspection and Provide Punch List						0
Final Inspection						0
Review Close-Out Submittals						0
Permit Agency Close-Out Documents						0
Prepare As-Built Drawings			4	4		8
Close-Out Documentation						0
Total:	34	24	10	10	12	90
Hourly Rate:	\$230.00	\$140.00	\$150.00	\$85.00	\$80.00	
Total Direct Labor:	\$7,820.00	\$3,360.00	\$1,500.00	\$850.00	\$960.00	\$14,490.00
SUBCONSULTANTS:						
Pavement Support - API						
Total Subconsultant Costs						\$0.00
DIRECT COSTS						
Mileage (2 Trips @ 170 Miles @ \$0.585 per mile)						
						\$198.90
Total Direct Costs						\$198.90
Total Bid Schedule C (Lump Sum):						\$14,688.90

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The fee estimate below is based on a construction duration 30 Calendar Days

Bid Schedule C - Central Apron Expansion			
Resident Project Representative			
Item/Task Description	Senior Inspector	Admin Assistant	Totals
Resident Project Representative	160	2	162
RPR Administrative Support		4	4
Total:	160	6	166
Hourly Rate:	\$125.00	\$80.00	
Total Direct Labor:	\$20,000.00	\$480.00	\$20,480.00
SUBCONSULTANTS:			
Materials Testing - CTI			\$10,000.00
Total Subconsultant Costs			\$10,000.00
DIRECT COSTS			
Vehicle Allowance (\$650 per week)			\$2,600.00
Meals (\$10 per day or \$50 per week)			\$200.00
Total Direct Costs			\$2,800.00
Total Bid Schedule C (Not-To-Exceed):			\$33,280.00

EXHIBIT "B"

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GNV - General Aviation Apron Rehabilitation and Partial Reconstruction

The fee estimate below is based on a construction duration of **3** Calendar Days

Bid Schedule E - Central Apron Rehabilitation						
Construction Administration						
Item/Task Description	Senior Project Manager	Project Engineer	Senior Designer	CADD Technician	Admin Assistant	Totals
Issue Construction Documents						0
Project Management-Invoicing/Progress Reports						0
Pre-Construction Conference						0
Coordination with GNV						0
Coordination with RPR						0
Coordination with SubConsultants						0
Assist GNV with the coordination of work with Permit Agencies						0
Monitor contractor's compliance with plans and specs		1				1
Monitor contractor's progress based upon approved schedule & recommend corrective action.		1				1
Monitor contractor's QC Plan, Report Deficiencies, recommend corrective action						0
Review Submittals						0
Respond to RFIs						0
Scope and Assist with Change Orders						0
Review Contractor Survey Files for Accuracy		1				1
Review Quality Assurance Test Data		1				1
Attend Progress Meetings (NA)						0
Substantial Completion Inspection and Provide Punch List						0
Final Inspection						0
Review Close-Out Submittals						0
Permit Agency Close-Out Documents						0
Prepare As-Built Drawings			1	1		2
Close-Out Documentation						0
Total:	0	4	1	1	0	6
Hourly Rate:	\$230.00	\$140.00	\$150.00	\$85.00	\$80.00	
Total Direct Labor:	\$0.00	\$560.00	\$150.00	\$85.00	\$0.00	\$795.00

SUBCONSULTANTS:	
Pavement Support - API	
Total Subconsultant Costs	\$0.00

DIRECT COSTS	
Mileage (0 Trips @ 170 Miles @ \$0.585 per mile)	\$0.00
Total Direct Costs	\$0.00

Total Bid Schedule D (Lump Sum):	\$795.00
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The fee estimate below is based on a construction duration 3 Calendar Days

Bid Schedule E - Central Apron Rehabilitation					
Resident Project Representative					
Item/Task Description	Project Engineer	Senior Designer	Senior Inspector	Admin Assistant	Totals
Resident Project Representative			24	2	26
RPR Administrative Support				0	0
Total:			24	2	26
Hourly Rate:			\$125.00	\$80.00	
Total Direct Labor:			\$3,000.00	\$160.00	\$3,160.00
SUBCONSULTANTS:					
Materials Testing - CTI					\$500.00
Total Subconsultant Costs					\$500.00
DIRECT COSTS					
Vehicle Allowance (\$650 per week)					\$390.00
Meals (\$10 per day or \$50 per week)					\$30.00
Total Direct Costs					\$420.00
Total Bid Schedule D (Not-To-Exceed):					\$4,080.00