

APPENDIX II: BUDGET AMENDMENT

Summary of Budget Amendment*

**Reallocation of the original budget without change in total amount; detailed tables are presented in the next pages for both contractor and subcontractor.*

	Original Budget	Amended Budget
Total Contract Amount (No Change)	\$ 299,886.00	\$ 299,886.00

CONTRACTOR		
	Original Budget	Amended Budget
Direct Labor Cost	\$ 134,504.00	\$ 144,589.50
Direct Expenses	\$ 12,940.00	\$ 2,854.50
Total Contactor Costs (No Change)	\$ 147,444.00	\$ 147,444.00

SUBCONTRACTOR - Norrfee Tech, AB		
	Original Budget	Amended Budget
Direct Labor Cost	\$ 121,026.00	\$ 122,004.80
Direct Expenses	\$ 31,416.00	\$ 30,437.20
Total Subcontractor Costs (No Change)	\$ 152,442.00	\$ 152,442.00

Original Budget Details - Exhibit B (Contractor)

MnDOT Contract No. 1034287
Exhibit B
Budget Details

CONTRACTOR				
Direct Labor Costs				
Task	Principal Investigator	Administrative Staff	Total	
Task 1:				
Project Management and Administration	120	140	260	
Task 2:				
Hardware Development (Seismic Data Acquisition System) & Testing	20	0	20	
Task 3:				
Software Development & Testing	640	0	640	
Task 4:				
Delivery and Demonstration of Seismic Data Acquisition System and Software	20	0	20	
Task 5:				
Final Report	40	44	84	
Total Hours	840	184	1024	
Hourly Rate	\$ 143.75	\$ 74.75		
Total Direct Labor Costs:	\$ 120,750.00	\$ 13,754.00	\$ 134,504.00	
Direct Expense Costs (must provide documentation)*				
Description	Rate	Unit	Cost	
High performance field laptop	\$ 2,500.00	1	\$	2,500.000
Experimental parts to test software components			\$	2,000.00
Office stationaries and web management			\$	500.00
Domestic airfare	\$ 700.00	3	\$	2,100.00
Lodging	\$ 150.00	6	\$	900.00
Meals (\$9 breakfast, \$11 lunch, \$16 dinner)	\$ 36.00	9	\$	324.00
Ground transportation	\$ 100.00	6	\$	600.00
International airfare (JFK-Sweden)	\$ 1,300.00	2	\$	2,600.00
International lodging (Sweden)	\$ 150.00	4	\$	600.00
International meals	\$ 36.00	6	\$	216.00
International ground transportation	\$ 100.00	6	\$	600.00
Total Direct Expenses				\$12,940.00
Total Contractor Costs			\$	147,444.00

Proposed Budget Reallocation (Contractor)

CONTRACTOR			
Direct Labor Cost			
Task	Principal Investigator	Administrative Staff	Total
Task 1:			
Project Management and Administration	130	148	278
Task 2:			
Hardware Development (Seismic Data Acquisition System) & Testing	20	0	20
Task 3:			
Software Development & Testing	696	0	696
Task 4:			
Delivery and Demonstration of Seismic Data Acquisition System and Software	20	0	20
Task 5:			
Final Report	40	44	84
Total Hours	906	192	1098
Hourly Rate	\$143.75	\$74.75	
Total Direct Labor Costs:	\$130,237.50	\$14,352.00	\$144,589.50
Direct Expenses (must provide documenatation)*			
Description	Rate	Unit	Cost
High performance field laptop	\$2,147.89	1	\$2,147.89
Domestic airfare (NYC-MnDOT)	\$334.61	1	\$334.61
Lodging	\$150.00	2	\$300.00
Meals (\$9 breakfast, \$ 11 lunch, \$ 16 dinner)	\$36.00	2	\$72.00
Total Direct Expenses			\$2,854.50
Total Contractor Costs			\$147,444.00

Original Budget Details - Exhibit B (Subcontractor)

MnDOT Contract No. 1034287

Exhibit B

Budget Details

SUBCONTRACTOR - Norrfee Tech, AB				
Direct Labor Costs				
Task	Co-Investigator	Co-Investigator	Total	
Task 1:				
Project Management and Administration	20	20	40	
Task 2:				
Hardware Development (Seismic Data Acquisition System) & Testing	154	588	742	
Task 3:				
Software Development & Testing	0	30	30	
Task 4:				
Delivery and Demonstration of Seismic Data Acquisition System and Software	32	32	64	
Task 5:				
Final Report	10	20	30	
Total Hours	216	690	906	
Hourly Rate	\$ 138.00	\$ 132.20		
Total Direct Labor Costs:	\$ 29,808.00	\$ 91,218.00	\$ 121,026.00	
Direct Expense Costs (must provide documentation)*				
Description	Rate	Unit	Cost	
LabVIEW 2-year license	\$ 7,100.00	1	\$	7,100.00
Parts to build the hardware system			\$	20,100.00
Shipping and handling			\$	500.00
International airfare	\$ 1,300.00	2	\$	2,600.00
Lodging	\$ 150.00	4	\$	600.00
Meals (\$9 breakfast, \$11 lunch, \$16 dinner)	\$ 36.00	6	\$	216.00
Ground transportation	\$ 100.00	3	\$	300.00
Total Direct Expenses				\$31,416.00
Total Subcontractor Costs			\$	152,442.00

Proposed Budget Reallocation (Subcontractor)

SUBCONTRACTOR - Norrfee Tech, AB			
Direct Labor Cost			
Task	Co-Investigator (Nils)	Co-Investigator (Josefin)	Total
Task 1:			
Project Management and Administration	14	26	40
Task 2:			
Hardware Development (Seismic Data Acquisition System) & Testing	177	571	748
Task 3:			
Software Development & Testing	15	15	30
Task 4:			
Delivery and Demonstration of Seismic Data Acquisition System and Software	32	32	64
Task 5:			
Final Report	10	20	30
Total Hours	248	664	912
Hourly Rate	\$138.00	\$132.20	
Total Direct Labor Costs:	\$34,224.00	\$87,780.80	\$122,004.80
Direct Expenses (must provide documenatation)*			
Description	Rate	Unit	Cost
Lab VIEW 2-year license & parts to build hardware system	\$29,622.34	1	\$29,622.34
Parts to build Hardware (Circuit Boards)			\$314.86
S & H	\$500.00	1	\$500.00
Total Direct Expenses			\$30,437.20
Total Subcontractor Costs			\$152,442.00