QSH Parent Holdco LLC - Nome to Home Express Budget
Middle Mile Grant Program - Detailed Budget Justification

	Unit Type	Unit Cost	No. of Units	Total Cost	Federal Funds Requested	Cash Match Amount	In Kind Contribution Value	Match Type (Cash/In-Kind/Both)	Match Percentage	Allowable Total	Notes/Comments
1. Administrative and Legal Expenses											
Project legal support	[redacted]										
Project accounting support											
Grant governance and compliance support											
Owner Project Management & Engineering support											
Insurance & Property Taxes (annual)											
Owner project travel costs (annual)											
Reimbursable Pre-Grant Preparation Expense											
Workforce Planning Consultant											
Total Administrative and Legal Expenses				$ 3,325,000.00	$ 2,348,889.07	$ 976,110.93	$ -	$ -	29.36%	$ 3,325,000.00	
2. Land, Structures, Rights-of-Way, Appraisals, etc.											
Expansion of Nome BMH pad, per sqft (SNC)	[redacted]										
SOA offshore public utility easement fee (Nome, Emmonak, Naknek, Iliamna Lake, Williamsport, Homer)											
Emmonak BMH and fronthaul easement (Emmonak Corporation)											
Naknek BMH and fronthaul easement (Paug-Vik Corporation and private landowners)											
Naknek CLS (Paug-Vik Corporation)											
Igiugig BMH and fronthaul easement (Igiugig Native Corp)											
Pile Bay BMH and fronthaul easement (Pedro Bay Corp)											
Pile Bay CLS land acquisition (Pedro Bay Corp)											
Williamsport BMH and fronthaul easement acquisition (CIRI?)											
Homer BMH and fronthaul easement (private landowners)											
Prefab Cable Landing Station (Nome PFE Hut), including freight, pad foundation, etc..											
Prefab Cable Landing Station (Unrepeatered Emmonak, Naknek), including freight, pad foundation, etc..											
Prefab Cable Landing Station (repeatered Naknek), including freight, pad foundation, etc..											
SOA public utility easement fee (Naknek to Igiugig)											
Naknek easement (Paug-Vik Corporation and private landowners)											
Igiugig easement (Igiugig Native Corp)											
Pile Bay easement (Pedro Bay Corp)											
Williamsport easement acquisition[redacted]											
DOT major utility permit fee williamsport road											
DOT major utility permit fee Naknek											
Total Land, Structures, Rights-of Way, Appraisals, etc.				$ 4,219,427.20	$ 2,980,741.79	$ 1,238,685.41	$ -	$ -	29.36%	$ 4,219,427.20	
3. Relocation Expenses and Payments											
							$ -				
Total Relocation Expenses and Payments				$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -	
4. Architectural and Engineering Fees											
Subsea Supplier Engineering & Project Management	[redacted]										
Project Documentation											
Subsea Supplier Operational Permits											
Owner Acquired Permit Consulting Support											
Subsea Supplier Testing & Commissioning											
Terrestrial Fiber Engineering & Project Management											
Terrestrial Fiber Permits											
Terrestrial Fiber Testing & Commissioning											
Total Architechtural and Engineering Fees				$ 1,999,750.00	$ 1,412,689.00	$ 587,061.00	$ -	$ -	29.36%	$ 1,999,750.00	
5. Other Architectural and Engineering Fees											
Marine Route Survey	[redacted]										
Marine Route Survey											
Owner technical consultants (annual)											
Total Other Architectural and Engineering Fees				$ 6,000,000.00	$ 2,119,298.41	$ 880,701.59	$ 3,000,000.00	$ -	64.68%	$ 6,000,000.00	
6. Project Inspection Fees											
Owner shipboard representatives (24x7 coverage, per day)	[redacted]										
Owner land cable & CLS inspectors (day-rate, including travel, lodging, vehicle, incidentals)											
Owner protected species observors (24x7 coverage, per day)											
Total Project Inspection Fees				$ 1,440,000.00	$ 1,017,263.24	$ 422,736.76	$ -	$ -	29.36%	$ 1,440,000.00	
7. Site Work											
Cable Landing Station (Nome PFE Hut) Site Preparation and Electric Utility Extension	[redacted]										
Cable Landing Station (Unrepeatered Emmonak, Naknek) Site Preparation and Electric Utility Extension											
Cable Landing Station (repeatered Naknek) Site Preparation and Electric Utility Extension											
Total Site Work				$ 580,000.00	$ 409,731.03	$ 170,268.97	$ -	$ -	29.36%	$ 580,000.00	

8. Demolition and Removal											
Total Demolition and Removal				$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -	
9. Construction											
Freighting of Submersible Cable	[redacted]										
Marine Installation Vessel Transit & Mobilization/Demobilization											
Prelay Grapnel Run / Route Clearance for Burial											
Main Lay w/Burial											
Post-Lay Inspection and Burial (PLIB) - Project Allowance											
Shore-end Operations including cable pull to BMH and Submersible Cable splice to Land Cable											
Articulated Pipe (Unit price per m)											
PLSE Barge & Lake Iliamna Installation											
Landing Site Construction including Beach Vault											
Land Cable Installation (does not include conduit install)											
Land Cable Conduit Installation, remote mobilization & construction											
Naknek to Igiugig winter trenching, remote mobilzation & construction											
Pile Bay to Williamsport Conduit & Fiber trenching, remote mobilization											
HDD Construction at Nome											
Total Construction				$ 65,439,679.86	$ 46,228,736.56	$ 19,210,943.30	$ -	$ -	29.36%	$ 65,439,679.86	
10. Equipment											
Submersible Cable (12 Strands, G.654C, EX-2000 equivalent fiber type) Double Armor	[redacted]										
Submersible Cable (12 Strands, G.654C, EX-2000 equivalent fiber type) Single Armor											
Repeaters, cable bodies (repeaters spaced 75 km)											
Accessories (BMH Joints Closure, Anchoring Device, Pull-In Device)											
Passive Full Fiber Drop Branching Unit											
Power Switched Full Fiber Drop Branching Unit											
Land Cable including power and ground as required											
Land Cable lightweight armored subsea (includes joints)											
Land Cable, 2x 1.25" HDPE conduits, vaults every 5000'											
Power Feed Equipment											
Submarine Line Terminal Equipment											
Return Earth											
Subsea Management Nodes (LME, EMS, etc...)											
Spare Submersible Cable (2% shallow wtr cable length + joints)											
Spare Power Switched Full Fiber Drop Branching Unit											
Spare Passive Full Fiber Drop Branching Unit											
Spare Submersible Repeaters											
Network Packet Switches											
Spare Submarine Line Terminal Equipment											
Spare Network Packet Switch Modules											
Spare land cable Equipment											
Station Test Equipment											
Total Equipment				$ 45,599,712.83	$ 32,213,133.01	$ 13,386,579.82	$ -	$ -	29.36%	$ 45,599,712.83	
11. Miscellaneous											
Vendor Training (Type A/B, Powered System)	[redacted]										
Nome to Fairbanks 100G capacity commitment											
Total Miscellaneous				$ 22,196,250.00	$ 166,011.71	$ 68,988.29	$ 21,961,250.00	$ -	99.25%	$ 22,196,250.00	
12. SUBTOTAL				$ 150,799,819.89	$ 88,896,493.83	$ 36,942,076.06	$ 24,961,250.00	$ -	41.05%	$ 150,799,819.89	
13. Contingencies											
Total Contingencies				$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -	
14. SUBTOTAL				$ 150,799,819.89	$ 88,896,493.83	$ 36,942,076.06	$ 24,961,250.00	$ -	41.05%	$ 150,799,819.89	
15. Project (Program) income											
Total Project (Program) income				$ -	$ -	$ -	$ -	$ -		$ -	
16. PROJECT TOTAL				**$ 150,799,819.89**	**$ 88,896,493.83**	**$ 36,942,076.06**	**$ 24,961,250.00**	**$ -**		**$ 150,799,819.89**	