

Preliminary Economic and Technical Assessment (PETA)

		Legend: X - Item is included — - Item is not included		
ITEM NO.	ITEM	<u>SIMPLIFIED PETA (\$75K)</u>	<u>FULL PETA (\$150K)</u>	<u>COMMUNITY ENGAGEMENT ADD-ON (\$50K)</u>
1.00	<u>Ongoing Project Management</u>	X	X	—
2.00	<u>Review of Project Concept</u>	X	X	—
2.01	Desktop Refinement of Concept	X	X	—
2.02	Briefing Note on Project Concept Including Optionality	X	X	—
3.00	<u>On-Site Consultation & Site Investigation</u>	X	X	—
3.01	2 x Gondola 101 Workshop (with up to 15 people per Workshop)	X	X	—
3.02	2 x Strategic Planning Workshops with Stakeholders to be Identified by Client	X	X	—
3.03	Identification of technology	X	X	—

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3.04	Identification of ridership range	X	X	—
3.05	Identification of preliminary station locations	X	X	—
3.06	Identification of preliminary tower locations	X	X	—
3.07	Visit to each station and tower location identified by consultants.	X	X	—
3.08	Post site visit briefing document summarizing findings.	X	X	—
4.00	<u>Technical Assessment</u>	X	X	—
4.01	Verification of optimal cable car technology	X	X	—
4.02	Estimation (within ranges acceptable for early stage development) of number of towers, locations and heights	X	X	—
4.03	Estimation (within ranges acceptable for early stage development) of number of cabins, size of garage and associated facilities	X	X	—
4.04	Peak flow calculation	X	X	—
4.05	System capacity calculation	X	X	—

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4.06	Preliminary Room Program	X	X	—
4.07	Preliminary Staffing Program	X	X	—
4.08	Exploration of cabin and station climatization issues	X	X	—
4.09	Preliminary review of any available wind, lightening, soil and seismic data	—	X	—
4.10	Simplified calculation of civil works required (based upon industry benchmarks)	X	—	—
4.11	Estimation level calculation of civil work requirements	—	X	—
4.12	Preliminary Ropeline Calculations & Drawings (Up to 3 sections)	—	X	—
4.13	1st stage optimization of ropeline calculations	—	X	—
4.14	Preliminary schematic level station site plan & cross sections	—	X	—
4.15	1st stage optimization of station site plans & cross sections	—	X	—
4.16	Preliminary tower drawings	—	X	—
4.17	1st stage optimization of tower drawings	—	X	—

4.18	Urban Design & Architecture Opportunities & Threats analysis (simplified)	X	—	—
4.19	Urban Design & Architecture Opportunities & Threats analysis (robust)	—	X	—
4.20	Opportunity for Comment from up to 3 Suppliers	—	X	—
5.00	<u>Economic, Ridership & Policy Assessment</u>	X	X	—
5.01	Competition Analysis	X	X	—
5.02	Policy Assessment	X	X	—
5.03	Alternative mode assessment	X	X	—
5.04	Market Assessment	X	X	—
5.05	Simplified ridership analysis & forecast	X	—	—
5.06	Detailed ridership analysis & forecast	—	X	—
5.07	Preliminary Capex Calculation	X	X	—
5.07.1	Electro-Mechanical Equipment	X	X	—
5.07.2	Civil Works	X	X	—

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5.07.3	Station Areas	X	X	—
5.07.4	Professional Fees	X	X	—
5.07.5	Contingencies	X	X	—
5.07.6	Other	X	X	—
5.08	Preliminary Operation & Maintenance of total system	X	X	—
5.08.1	Staffing	X	X	—
5.08.2	Electricity Consumption	X	X	—
5.08.3	Insurance	X	X	—
5.08.4	Ticketing	X	X	—
5.08.5	Supplies	X	X	—
5.08.6	Spare Parts	X	X	—
5.08.7	Capital Reserve Rund	X	X	—
5.08.8	Maintenance Checks, Inspections & Certifications	X	X	—
5.08.9	Other	X	X	—
5.09	Determining how an economic "success" is measured in the given context	X	X	—
5.10	Identification of Fare Classes	X	X	—
5.11	Market Segmentation Analysis	X	X	—

5.12	Identification of Reference Class	X	X	—
5.13	Identification of Alternative Revenue Streams & Associated Costs	X	X	—
5.14	Project Ownership Structure (in consultation with Client)	X	X	—
5.15	Project Financing Structure (in consultation with Client)	X	X	—
5.16	Generalized discounted cash flow analysis using financial parameters given by the client	X	—	—
5.17	Customized discounted cash flow analysis using the financial parameters given by the client	—	X	—
5.18	Sensitivity Analysis	X	X	—
5.19	Comparing the results of the discounted cash flow and sensitivity analyses to the economic success criteria determined in item 4.09.	X	X	—
6.00	<u>Project Assessment</u>	X	X	—
6.01	SWOT Analysis	X	X	—
6.02	Fatal Flaw Assessment	X	X	—

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6.03	Risk Analysis (and proposed mitigation techniques)	X	X	—
6.04	Concept Validation in relation to strategic goals identified)	X	X	—
6.05	Go/No-Go Recommendation	X	X	—
6.06	Next Steps	X	X	—
6.07	Detailed Workplan to see project through to completion	X	X	—
6.08	Timelines associated with Workplan	X	X	—
6.09	Costs associated with work plan	X	X	—
6.10	Commentary on if phasing is appropriate and/or possible	X	X	—
6.11	Submission of document and single round of client edits	X	X	—
6.12	Summary presentation of findings in power-point presentation	X	X	—
6.13	Final documentation	X	X	—
6.14	Onsite presentation of findings to Client & stakeholders	X	X	—

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7.00	<u>Community Engagement Add-On</u>	—	—	X
7.01	Creation & Maintenance of Online Public Information Portal through duration of study + 6 months after	—	—	X
7.02	Computer Renderings (up to six) of the gondola system	—	—	X
7.03	Onsite presentation of work at a public meeting and collation of findings	—	—	X
7.04	Report on the results of the public information session	—	—	X
<u>Timeline for Completion:</u>		<u>2-4 months</u>	<u>4-6 months</u>	<u>2 months (assume 6 months for Full PETA with Community Engagement Add-On)</u>
Expenses		\$5,000 - \$10,000	\$10,000 - \$20,000	\$5,000 - \$10,000