

**Work Plan No. A.02-01 – Planning & Engineering, Phase 1 Stage Gate 2**

**Scope:**

The Consultant services under this Work Plan are part of Phase 1 of the Link21 Program. This Work Plan will conclude partway through Phase 1 at Stage Gate 2 (SG 2). The Consultant will lead the technical approach and support the decision-making process at Stage Gate 2 to:

- Identify a shortlist of 3 or 4 Program Concepts.
- Select a candidate project for funding (Candidate Project).
- Define an approach to the selection of crossing technology or technologies.

The services will be closely coordinated with the Program Management Team (PMT) and other Link21 technical teams. The Consultant will develop a workflow process that identifies the inputs and outputs of the effort together with the points of coordination and decision-making milestones to meet the schedule. Note that a high level technical approach to concept development and analysis has been defined as part of Phase 0.

The PMT P&E (Planning and Engineering) team has identified an initial range of potential Program Concepts which will be used as an input to the Consultant’s work. Each Program Concept consists of:

- A rail network including alignments and station locations.
- A service plan including route termini, all station stops, stopping patterns, frequencies and/or timetables by time of day, and station-to-station travel times.
- Accompanying infrastructure improvements including new and improved alignments with anticipated profiles (e.g., below-grade, at-grade, above-grade).

**Prime: Arup/WSP JV**

<b>Subconsultant</b>	<b>Amount</b>	<b>DBE (Y/N)</b>	<b>SBE (Y/N)</b>
A3GEO	\$ 474,801	Y	Y
Acumen	\$ 429,043	Y	Y
CHS Consulting Group	\$ 1,189,051	Y	Y
DB ECO North America	\$ 499,657	N	N
Earth Mechanics, Inc.	\$ 450,028	Y	Y
Estolano Advisors	\$ 96,043	Y	Y
Grimshaw, Inc.	\$ 208,695	N	N

JMA Civil, Inc.	\$ 899,714	N	Y
Robin Chiang & Company	\$ 677,395	Y	Y
Saylor Consulting	\$ 1,246,585	Y	Y
SPS Engineers	\$ 379,638	Y	Y
Strategic Economics, Inc.	\$ 130,110	N	N
VST	\$ 1,370,632	Y	Y
Monument ROW	\$ 100,000	Y	Y
M Lee Corp.	\$ 75,000	Y	Y
RSE	\$ 100,000	Y	Y

**Total Work Plan Value: \$ 20,082,250**