



## Natural Park at Ramona Gardens: Technical Design

### SCOPE of SERVICES

#### TASKS

##### **Task 1. Project Launch, Team Coordination, Retain Subconsultants, Develop Schedule**

Coordinate with Feldman Consulting, Mountains Recreation and Conservation Authority (MRCA) and SWA; develop scopes of work for and retain subconsultants to VS2 Consulting Inc., which will include structural, mechanical, electrical, low voltage, and plumbing engineering and cost control. Provide input to detailed project timeline/schedule and contribute to the definition of project and document protocols. Attend one meeting with Feldman Consulting and SWA and prepare for and attend project kick-off Technical Team meeting.

##### **Task 2. Technical Analysis and Design of Project Elements**

Identify and describe engineered project site elements of the Ramona Gardens Natural Park. Establish horizontal and preliminary vertical locations of proposed engineered site features and infrastructure. Work with subconsultants and co-consultants to integrate the proposed native habitat, landscaping, access/entries, trails, public use/recreation, urban runoff capture/re-use, Anti-Pollution Green Buffer, utilities, renewable energy and security elements. Efforts shall be coordinated with the technical analysis of Air Pollution Reduction Measures conducted under the Community Air grant to Legacy LA from the California Air Resources Board. Provide input to Technical Team for preparation of illustrative exhibits and perspective illustrations.

Integrate project elements and develop an integrated plan layout in AutoCAD. Prepare schematic drawings, describing:

- Location of entries, walking trail, plaza, hardscape, active recreation elements, and native habitat as schematically sited by co-consultants (via co-consultant-provided AutoCAD files)
- Engineered elements which will include civil, structural, urban runoff management, earth berm, sound wall, mechanical, electrical, plumbing and renewable energy
- Security and low voltage elements to address public safety needs for lighting and cameras

Develop schematic-level estimate of probable construction costs including budgetary annual maintenance line item.

#### **Deliverables:**

VS2 Consulting Inc. shall deliver the following elements of the final report to co-consultant firm who will assemble and publish the report:

- Schematic drawings/exhibits (see Task 2)
- Supporting narrative of engineered project elements
- Schematic-level estimate of probable construction costs (landscape cost items shall be provided by co-consultant) including budgetary annual maintenance line item.

### **Task 3. Coordination with Legacy LA and Community Engagement**

Coordinate with Feldman Consulting. Attend one community meeting or workshop with Legacy LA and community and stakeholders.

### **Task 4. Public Agency Coordination and Meetings**

Communicate or meet with relevant public agencies to identify permitting requirements, which may include: Housing Authority of City of L.A. (HACLA), City of Los Angeles Department of Public Works, City of Los Angeles Department of Building and Safety (LADBS), MTA, L.A. County Department of Public Works, L.A. County Department of Health. Coordinate with Feldman Consulting and MRCA. Document permitting requirements.

#### **Deliverables:**

VS2 Consulting shall provide a list of permits identified via coordination with public agencies along with documentation of issues identified to-be-addressed (if applicable). Co-consultant shall include this list in the final report.

### **Task 5. Communications Materials, Digital Media and Report**

Coordinate with Feldman Consulting, subconsultants and co-consultant who will prepare final report. Review and comment on draft, pre-final, and final reports. Make minor modifications to VS2 Consulting Inc's contributed technical materials.

#### **Deliverables:**

VS2Consulting Inc. shall provide digital mark-ups of Word or PDF files provided by co-consultant.

### **Task 6. Project Direction and Administration**

Not in contract.

### **ASSUMPTIONS**

- AutoCAD files shall be provided by consultants for their disciplines' basefiles

### **EXCLUSIONS**

- Property Boundary and/or Topographic Survey services
- Geotechnical studies/investigations/reports

- Services provided by co-consultants under contract to MRCA
- Hydrology Studies
- SUSMP
- SWPPP
- Design of Paving Structural Cross-Sections
- Construction Documents
- Specifications
- Assembly, Advertisement, and Distribution of Bid Package
- Construction Staking
- Legal Descriptions, Government Fees, Permits, and Assessments
- Easement Processing
- Methane Gas Protection Measures and Coordination
- Water Quality Monitoring
- Services not specified herein

**FEES**

|          | <b>TASK</b>                                                 | <b>Cost</b>      |
|----------|-------------------------------------------------------------|------------------|
| <b>1</b> | <b>Project Launch, Team Coordination, Develop Schedule</b>  | \$5,000          |
| <b>2</b> | <b>Technical Design and Analysis of Project Elements</b>    | \$160,000        |
| <b>3</b> | <b>Coordination with Legacy LA and Community Engagement</b> | \$1,000          |
| <b>4</b> | <b>Public Agency Coordination and Meetings</b>              | \$3,000          |
| <b>5</b> | <b>Communications Materials, Digital Media and Report</b>   | \$6,000          |
| <b>6</b> | <b>Project Direction and Administration</b>                 | -                |
|          | <b>Contingency</b>                                          | -                |
|          | <b>Expenses</b>                                             | \$2,000          |
|          | <b>Total</b>                                                | <b>\$177,000</b> |

**SCHEDULE**

|          | <b>Task</b>                                                                | <b>Completion date</b> |
|----------|----------------------------------------------------------------------------|------------------------|
| <b>1</b> | Project Launch, Team Coordination, Retain Subcontractors, Develop Schedule | September 2019         |
| <b>2</b> | Technical Analysis and Design of Project Elements                          | January 2020           |
| <b>3</b> | Coordination with Legacy LA and Community Engagement                       | N/A                    |
| <b>4</b> | Public Agency Coordination and Meetings                                    | March 2020             |
| <b>5</b> | Communications Materials, Digital Media, Report                            | March 2020             |
| <b>6</b> | Project Direction and Administration                                       | N/A                    |