


OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802-4511

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IN WITNESS WHEREOF, the Parties have caused this document to be
duly executed with all formalities required by law as of the date first stated above.

AECOM TECHNICAL SERVICES, INC., a
California corporation

_____, 2021

By 
Name Michael Arvidson
Title Associate Vice President

February 9, 2021

By 
Name Jay Francisco
Title Associate Vice President

"Contractor"

CITY OF LONG BEACH, a municipal
corporation

February 26, 2021

By 

City Manager

EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER

"City"

This Second Amendment to Agreement No. 34467 is approved as to form
on February 18, 2021.

CHARLES PARKIN, City Attorney

By 

Deputy

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EXHIBIT "A-4"



Submitted to:
City of Long Beach
Fleet Services Bureau
Long Beach, CA

Submitted by:
AECOM
Long Beach, CA

November 17, 2020

Mr. Oliver Cruz
Fuel Operations Program Officer
Department of Financial Management | Fleet Services Bureau
City of Long Beach
2600 Temple Ave.
Long Beach, CA 90806

**Subject: Scope of Work and Cost Estimate, Former Paramount Dump – Revised
Landfill Gas Control System Support**

Dear Mr. Cruz:

AECOM Technical Services, Inc. (AECOM) is pleased to submit this proposal to the City of Long Beach, California (the City) for the design, planning/procurement support, and construction administration for the landfill gas control system (LFG System) at Davenport Park, on City-owned parcels of the former Paramount Dump, located at 2910 East 55th Way, Long Beach, California (Site).

SCOPE OF WORK

AECOM's LFG System design was submitted to the Los Angeles County Local Enforcement Agency (LEA) on June 30, 2020 and approved by the LEA on July 9, 2020. The following Scope of Work includes tasks that AECOM will perform in support of the City's plan to construct the LFG System.

1. Planning/Bid Support

AECOM will support Mr. Tony Resendez, the City Department of Public Works (DPW) Project Manager (PM) for the LFG System construction, in providing information, answering questions, and corresponding with the City Planning Bureau for permitting, Long Beach Energy Services for natural gas supply, and Southern California Edison (SCE) for electrical power supply. AECOM will also develop and provide an Engineer's Estimate for the construction of the LFG System for the City's use in bid selection and contractor evaluation.

AECOM will also support the DPW PM by providing information and answering questions from bidders relating to the IFB design package. It is assumed that the City will allow one round of RFIs from bidders.

2. Engineering/Design

AECOM will prepare and provide the following submittals:

1. Issue for Permitting (IFP) design package, including revised system location. The IFP will be submitted by City DPW to the City Planning Commission and through the Plan Check processes to obtain all necessary City approvals and permits.
2. Issue for Bid (IFB) design package, including technical specifications. Once City DPW secures the necessary permits, the IFB will be issued to include all comments and changes required during the permitting process and will be included in the City's DPW public bid for the LFG System construction.

ASSUMPTIONS

The level of effort and estimated cost to perform the SOW described in this proposal is based upon the following assumptions:

1. The cost estimate is based on known Site conditions and regulations.
2. City Planning Bureau, Long Beach Energy, SCE, LEA, and any other applicable permit and construction fees will be paid directly by the City.
3. The IFP, UFB, and IFC will be in compliance with the LEA approval that was provided on July 8, 2020. Any modifications requested that would result in a requirement to resubmit for LEA's approval will be considered out of scope and require a change order.
4. The system design will be installed as approved by the LEA. Unforeseen changes or conditions that alter the design will be considered out of scope.
5. Site access will be facilitated by the City; therefore, no standby time will be incurred.
6. Field work will not be delayed or obstructed due to ongoing activities at the Site.
7. AECOM will attempt to minimize impacts to existing site activities but will not be held responsible for interruptions to ongoing activities at the Site.
8. All field work will be completed under Level D or modified level D personal protective equipment.
9. The construction phase will not exceed three calendar months. Any additional duration will be considered out of scope and require a change order.
10. A cost and/or schedule adjustment may be necessary if changes to these assumptions occur during the course of the project.


LIMITATIONS

The City agrees that AECOM shall be required to use only reasonable efforts, consistent with the practice of other professionals engaged in similar activity, in the course of fulfilling AECOM's duties under this proposal. AECOM is not responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the project was performed.

AECOM appreciates the opportunity to submit this proposal to the City. If you have any questions or require additional information, please contact Assaf Rees at assaf.rees@aecom.com or 562-277-6476.

Sincerely,

AECOM Technical Services, Inc.



Mike Arvidson
Associate Vice President



Assaf Rees, P.E.
Project Manager

Attachment A: Cost Estimate

It is assumed that the changes from the IFP will be minor and the IFC will remain in full compliance with the LEA's approval of the system design drawings (July 8, 2020).

3. Issue for Construction (IFC) design package, including technical specifications. The IFC will be prepared at the conclusion of the public bid process and will incorporate modifications or corrections resulting from the bid process. It is assumed that the changes from the IFB will be minor and the IFC will remain in full compliance with the LEA's approval of the system design drawings (July 8, 2020).
4. As-Built design package. At the conclusion of the construction phase, AECOM will issue the As-Built package, incorporating redline markups of the IFC from the construction phase (see 4 below).
5. Operations and Maintenance Manual. Concurrent to the As-Built design package, the system manual will be prepared to summarize the procedures for system testing, startup, operations, and regular maintenance.

3. System Construction Administration

During the construction phase, AECOM will conduct weekly site visits to perform technical quality inspections and record redline markups of the IFC design package. Following the site visits, AECOM will provide the DPW PM with a written email update of the results and findings of the technical quality inspection, including documentation and photographs, as applicable. AECOM will also track and respond to construction contractor requests for information (RFIs) and required submittals.

COST ESTIMATE

The estimated cost to implement the SOW described in this proposal is **\$98,765**. A detail of labor and reimbursable rates and costs is provided in **Attachment A**. Fees and costs will be billed to the City on an accrued time and materials basis in accordance with Contract No. 34467 between AECOM and the City (dated September 14, 2016, fully executed on December 28, 2016, and amended on May 5, 2020).

FEB26 7:50AM

AECOM

City of Long Beach Proposal
Davenport Park Landfill Gas Control System Support

ATTACHMENT A
Cost Estimate

<p align="center">COST ESTIMATE</p> <p align="center">Landfill Gas Control System Support</p> <p align="center">City of Long Beach Davenport Park/Former Paramount Landfill</p> <p align="center">2910 E. 55th Way, Long Beach, CA</p>											
	Hourly	Planning/Bid Support		Engineering/Design		Construction Administration		TOTAL			
		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Engineering Director	\$ 200.00	2	\$ 400.00	4	\$ 800.00	4	\$ 800.00	10	\$ 2,000.00		
Engineering Manager	\$ 180.00	24	\$ 4,320.00	48	\$ 8,640.00	40	\$ 7,200.00	112	\$ 20,160.00		
Project Director I	\$ 160.00	24	\$ 3,840.00	24	\$ 3,840.00	40	\$ 6,400.00	88	\$ 14,080.00		
Project Engineer I	\$ 140.00	16	\$ 2,240.00	48	\$ 6,720.00	80	\$ 11,200.00	144	\$ 20,160.00		
Scientist V	\$ 125.00		\$ -		\$ -		\$ -	0	\$ -		
Engineer IV	\$ 125.00		\$ -		\$ -	80	\$ 10,000.00	80	\$ 10,000.00		
Engineer II	\$ 95.00	16	\$ 1,520.00	80	\$ 7,600.00	40	\$ 3,800.00	136	\$ 12,920.00		
Sr. Drafter	\$ 125.00	4	\$ 500.00	120	\$ 15,000.00		\$ -	124	\$ 15,500.00		
Project Administrator III	\$ 95.00	2	\$ 190.00	2	\$ 190.00	8	\$ 760.00	12	\$ 1,140.00		
Labor Subtotal		88	\$ 13,010.00	326	\$ 42,790.00	292	\$ 40,160.00	706	\$ 95,960.00		
Equipment & Materials		#Sets/	Cost	Units	Cost	#Sets/	Cost	Units	Cost		
Vehicles & Travel (/day)	\$ 100.00	2	\$ 200.00	2	\$ 200.00	13	\$ 1,300.00	17	\$ 1,700.00		
PPE & consumables (/day)	\$ 50.00	2	\$ 100.00	2	\$ 100.00	13	\$ 650.00	17	\$ 850.00		
Subtotal Reimbursables			\$ 300.00		\$ 300.00		\$ 1,950.00		\$ 2,550.00		
Markup	10%		\$ 30.00		\$ 30.00		\$ 195.00		\$ 255.00		
Total Reimbursables			\$ 330.00		\$ 330.00		\$ 2,145.00		\$ 2,805.00		
TOTAL COST			\$ 13,340.00		\$ 43,120.00		\$ 42,305.00		\$ 98,765.00		