


**LAS VEGAS CONVENTION AND VISITORS AUTHORITY
BOARD OF DIRECTORS' MEETING
AGENDA DOCUMENTATION**

MEETING DATE:	MAY 22, 2019	ITEM NO. 2
TO:	BOARD OF DIRECTORS	
FROM:	STEVE HILL CEO/PRESIDENT	
SUBJECT:	MOTT MACDONALD LLC PROFESSIONAL SERVICE AGREEMENT NO. 4590 LAS VEGAS CONVENTION CENTER CAMPUS WIDE PEOPLE MOVER	

RECOMMENDATION

That the Board of Directors consider: 1) Approving Professional Service Agreement No. 4590 in the amount of \$525,500 with Mott MacDonald LLC for third-party review services of the design and construction of the *Las Vegas Convention Center (LVCC) Campus Wide People Mover*; and 2) Authorizing the Chief Executive Officer (CEO)/President to execute the contract documents.

For possible action.

FISCAL IMPACT

FY 2019:	\$ 50,000	Estimated expenditure
FY 2020:	\$475,500	Estimated expenditure



BOARD ACTION:	
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**STEVE HILL
CEO/PRESIDENT**

PURPOSE AND BACKGROUND

The Las Vegas Convention and Visitors Authority (LVCVA) staff is recommending approval of a third-party firm with expertise in the design and construction of transportation tunnels and passenger systems. This will provide additional support for the delivery of a successful system for the LVCVA customers.

Mott MacDonald's role will be to provide comments at key milestones of the design related to the system alignment, station configuration, system components, system safety controls and passenger system ingress/egress.

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Las Vegas Convention Center Campus Wide People Mover

Upon consideration of the specialized knowledge and experience required to provide design and construction review, and upon consultation with outside industry resources, the LVCVA staff identified Mott MacDonald as the preferred company to provide the third-party review services.

Mott MacDonald's relevant experience is shown in the following chart:

	Design	Design Services During Construction	Independent Review	Bored Tunnel	APM/Transit	Connected Autonomous Vehicle	Other Infrastructure/Facilities
Washington Dulles Int'l Airport APM Tunnels Washington, DC	•			•	•		•
Sacramento Int'l Airport APM, New Terminal & Structures/ Facilities Sacramento, CA	•				•		•
London Heathrow Airport Terminal 2 Tracked Transit System User Requirements London, UK			•	•	•		•
London Heathrow Airport Terminal 5 Tunnels and APM London, UK	•	•					•
Hong Kong International Airport APM Design & Third Runway Program Hong Kong, China	•	•		•	•		•
Hong Kong International Airport, Midfield Concourse/APM Extension Hong Kong, China	•			•	•		•
Phoenix Sky Harbor International Airport APM Guideway Tunnels Phoenix, AZ	•				•		•
A2/M2 Connected Autonomous Vehicle Pilot London, UK						•	
Sound Transit Beacon Hill Station and Tunnels Seattle, WA	•			•	•		•
Sound Transit 770 Airport Link Seattle, WA	•				•		•
LA Metro Crenshaw/LAX Transit Corridor Design-Build Los Angeles, CA	•	•	•	•	•		•
LA Metro Regional Connector Design-Build Los Angeles, CA	•	•		•	•		•
Los Angeles County MTA LAX Airport Metro Connector Los Angeles, CA			•				•
Evergreen Line Light Rail Transit Vancouver, Canada			•	•	•		•
Courthouse Commons Inmate Tunnel San Diego, CA			•				•
Long Island Rail Road East Side Access New York, NY		•	•	•	•		•

As a third-party review consultant, Mott MacDonald will provide the expertise in tunnel construction, transportation system design, facility operation and passenger safety, assisting the project team in delivering the LVCVA's expectation of a unique and successful customer experience in the LVCC Campus Wide People Mover.