

**CITY OF NORTH LAS VEGAS MEETING  
AGENDA ITEM**

NUMBER: 29.
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<b>SUBJECT:</b> Professional Engineering Services Agreement with WSP USA Inc., in an Amount Not to Exceed \$1,199,570 from Clark County Regional Flood Control District Funding to Provide Professional Design Services for the North Las Vegas Detention Basin Upgrade, CIP Project No. 10498. (Ward 4-Cherchio) (For Possible Action; Recommendation – Approve)	
<b>REQUESTED BY:</b> Dale Daffern, Public Works Director	<b>WARD:</b> 4 - Councilman Cherchio
<b>RECOMMENDATION OR RECOMMEND MOTION:</b> The City Council approve the Professional Engineering Services Agreement with WSP USA Inc.	
<b>FISCAL IMPACT:</b> AMOUNT: \$1,199,570 EXPLANATION: Clark County Regional Flood Control District (District).	<b>ACCOUNT NUMBER:</b> 00450-290296-450540

**STAFF COMMENTS AND BACKGROUND INFORMATION:**

The North Las Vegas Detention Basin Upgrade provides for design and construction of a regional flood control system that will increase the size of the existing facility to accommodate increased storm runoff emanating from the upstream future master planned community designated as Villages at Tule Springs. The existing facility is currently undersized and the project will not only address that deficiency, but also address other factors to properly and safely store and convey storm runoff. The improvements will consider the future development tributary areas, increase the capacity of the existing detention basin, increase the size of the diversion berm, improve the outlet drainage structure, and address associated appurtenances to ensure the facility meets local, regional, and State of Nevada Dam Safety requirements.

WSP USA Inc. was selected from Statement of Qualification ranked list of Flood Control Engineers to provide professional design services for this project, and have successfully designed numerous other flood control facilities in the Las Vegas Valley along with various projects with the City of North Las Vegas.

Public Works staff negotiated a professional design services fee not to exceed \$1,199,570 for the project. Upon successfully completion of the design, staff will secure construction funding from Clark County Regional Flood Control District.

CIP No. 10498	Related Item:	
LIST CITY COUNCIL GOAL(S): Well - Planned Quality Growth; Safe and Livable Community		
<b>PREPARED BY:</b>  Dale Daffern Public Works Director	Respectfully Submitted  Ryann Juden City Manager	<b>MEETING DATE:</b>  8/17/2022