

RESOLUTION APPROVING A CONTRACT IN THE AMOUNT OF \$364,500 WITH CDM SMITH, INC. FOR MITCHELL WATER TREATMENT PLANT FILTER BACKWASH PUMP REPLACEMENT AND SYSTEM IMPROVEMENTS PROJECT

WHEREAS, The Mitchell Water Treatment Plant (WTP) filter backwash system is a key component in the treatment process to purify water for potable use;

WHEREAS, The existing backwash pumps at the Mitchell WTP are reaching the end of their useful service life and the accessibility to the pumps in the lower level of the filter plant for maintenance purposes is challenging;

WHEREAS, the new clearwell ground storage tank under construction at the Mitchell WTP is designed with an integral pump platform to hold up to three new backwash pumps;

WHEREAS, the work to be performed by CDM Smith, Inc. includes the design of three new back wash pumps to be located on the exterior of the clearwell roof. The variable frequency drives (VFD) and power supply equipment used for controlling the pumps will be installed inside the filter plant;

WHEREAS, CDM Smith, Inc. will provide design, permitting assistance, bidding and onsite observations of the work and field checking of materials and equipment necessary for the construction of the project;

WHEREAS, CDM Smith, Inc. was previously contracted to design and assist with the bidding and construction administration oversight associated with the clearwell project;

WHEREAS, the construction administration and inspection team for the filter backwash pump replacement project includes CDM Smith, Inc. and CriTek Engineering Group, P.C.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENSBORO:

That the City is authorized to enter into a contract with CDM Smith, Inc. to provide design, permitting assistance, bidding and onsite observations of the work for the for Mitchell Water Treatment Plant Filter Backwash Pump Replacement and System Improvements project subject to the terms outlined above. The Mayor and/or City Manager and the City Clerk are hereby authorized to execute on behalf of the City of Greensboro a proper contract to carry the proposal into effect, payment to be made in the amount of \$364,500 from Water Resources Capital Fund Account No. 503-7026-04.5410.