

RESOLUTION

Resolution Approving a Supplemental Contract to TranSystems Corporation for Professional Engineering Services Associated with the Randall Road Reconstruction Project and Appropriating Funds (82)

WHEREAS, the corridor improvements to Randall Road were identified in McHenry County's 2040 Long Range Transportation Plan as well as the County's approved FY2024-2028 Transportation Program; and

WHEREAS, the proposed project included full reconstruction; pedestrian and bicycle accommodations, intersection improvements; and structural improvements along Randall Road from Polaris Drive/Acorn Lane to Ackman Road; and

WHEREAS, on February 4, 2014, the County Board approved by resolution (R-201402-82-026) an Engineering Services Agreement for Phase II Engineering with TranSystems Corporation in the amount of \$9,100,000.00; and

WHEREAS, on November 17, 2020, the County Board approved by resolution (R-202011-82-289) a Supplemental Engineering Services Agreement for Phase II Engineering with TranSystems Corporation in the amount of \$2,338,564.12; and

WHEREAS, on November 15, 2022, the County Board approved by resolution (R-202211-82-258) a Supplemental Engineering Services Agreement for Phase II Engineering with TranSystems Corporation in the amount of \$886,977.00; and

WHEREAS, the Transportation and Finance & Audit Committees have reviewed and recommend approval of the attached Supplemental Engineering Services Agreement with TranSystems Corporation of Schaumburg, Illinois for a not to exceed amount of \$1,475,615.00; raising the upper limit to \$13,801,156.12 to provide said engineering services, said supplemental agreement attached hereto and hereby made a part hereof; and

WHEREAS, additional services associated with the re-evaluation of the Phase I Report and additional requirements from the United States Army Corps of Engineers, the United States Fish and Wildlife Service and the Illinois Department of Natural Resources that were not included in the original scope of work are needed to complete the Phase II Engineering.

NOW, THEREFORE BE IT RESOLVED, by this County Board of McHenry County, Illinois, that it hereby authorizes the Supplemental Engineering Services Agreement between McHenry County and TranSystems Corporation is hereby approved in the not to exceed amount of \$1,475,615.00; and

BE IT FURTHER RESOLVED, that there is hereby appropriated from the FY2024 budget the additional sum of one million four hundred seventy-five thousand six hundred fifteen dollars and zero cents (\$1,475,615.00) from the RTA Sales Tax Fund; Fund-Dept.-Div-Main Acct. 260-82-8220-443520 (Highway Engineering and Consulting) for said agreement, said agreement is attached hereto and hereby made a part hereof; and

BE IT FURTHER RESOLVED, that Purchase Order 214020 shall be increased by \$1,475,615.00; and

BE IT FURTHER RESOLVED, that this project is hereby designated as Section 06-00329-02-PW; and

BE IT FURTHER RESOLVED, that the Chairman is hereby authorized to execute said agreement; and

BE IT FURTHER RESOLVED, that the County Clerk is hereby authorized to distribute a certified copy of this resolution to the County Administrator, the Chief Financial Officer and an electronic copy of this resolution to the Director of Transportation/County Engineer.

DATED at Woodstock, Illinois, this 18th day of June, A.D., 2024.

Michael Buehler, Chairman
McHenry County Board

ATTEST:

Joseph J. Tirio, County Clerk

RESOLUTION

SUBJECT: Resolution Approving a Supplemental Contract to TranSystems Corporation for Professional Engineering Services Associated with the Randall Road Reconstruction Project and Appropriating Funds (82)

Board / Committee Action Requested:

To approve a supplemental engineering services agreement with TranSystems Corporation for Phase II Engineering for the Randall Road Reconstruction Project.

Background and Discussion:

Corridor improvements to Randall Road were identified in McHenry County's 2040 Long Range Transportation Plan. The Division of Transportation issued a Request for Qualification on April 26, 2013 for RFQ 13-35. The County Board approved the Phase II Engineering Services Agreement with TranSystems Corporation on February 4, 2014 in the amount of \$9,100,000.00. The County Board approved a Supplemental Agreement with TranSystems Corporation on November 17, 2020 in the amount of \$2,338,564.12. The County Board approved a Supplemental Agreement with TranSystems Corporation on November 15, 2022 in the amount of \$886,977.00.

The Construction Contract for Segment 1 (Randall South) includes the segment of Randall Road from County Line Road to Polaris Drive/Acorn Lane and was designated Section Number 06-00329-01-PW, while the Construction Contract for Segment 2 (Randall North) is for the segment of Randall Road from Polaris Drive/Acorn Lane to Ackman Road and is designated as Section Number 06-00329-02-PW. Construction for Segment 1 was completed in 2021. Segment 2 is targeting the August 2, 2024 letting, with construction anticipated to begin in fall of 2024.

The need for this supplement is to cover Phase II Engineering Design work related to the following reasons:

1) Environmental Studies and Phase I Re-evaluation:

The re-evaluation of the Phase I report for Segment 2 is now required by IDOT for projects that have not advanced to construction within 5 years of Phase I Design Approval (DA). DA for the Randall Road Project designated as Section Number 06-00329-00-ES was given in December 2013. This re-evaluation includes coordination with IDOT, the Federal Highway Administration (FHWA), additional 4(f) Determination documents, additional public information meeting exhibits and extensive coordination with various state and federal agencies regarding threatened and endangered species such as the Northern Long Eared

Bat, the Rusty Patched Bumble Bee and the Hine's Emerald Dragonfly (HED). Additionally, IDOT requested structural reports for their review and approval before issuing the Phase I Re-evaluation.

The effort in this supplement assumes the HED is found within the Lake in the Hills Fen and will require Formal Consultation with the United States Fish and Wildlife Service. The development of a Biological Assessment, coupled with coordination with various state and Federal agencies and anticipated design changes are included in this scope of work.

2) MCDOT and Right of Way Changes:

Design changes were requested by MCDOT in order to ensure certain aspects of the project were more easily maintained following construction. During right of way negotiations, revisions were needed to accommodate settlements with property owners.

3) Regulatory Permitting:

Coordination with the United States Army Corps of Engineers (USACE) and the Illinois Department of Natural Resources Office of Water Resources (IDNR-OWR) have requested numerous design changes to the project. These changes required the design team to redesign, remodel and represent several alternatives to the regulatory agencies in order to work towards approval.

IDNR-OWR has indicated that a map revision to the Federal Emergency Management Association's (FEMA) floodplain mapping for Woods Creek and Woods Creek Tributary will be required. This effort was not anticipated in any past coordination with IDNR-OWR until permit review comments were received.

4) Plans, Specifications and Estimates:

The collective effort to incorporate the required design changes into the plans, specifications and estimates. Portions of this effort needed to be done multiple times as the project was posted for bidding and then removed due to regulatory agencies and permitting.

5) Project Coordination:

Coordination efforts amongst the project team, local agencies and regulatory agencies were increased in order to address the growing issues with environmental clearances and permitting.

The consultant team has been able to identify \$54,396.00 worth of credits towards this supplement. This comes as hours for various tasks will no longer be needed to complete the project.

Impact on Human Resources: N/A

Impact on Budget (Revenue; Expenses, Fringe Benefits): The supplemental engineering funds can be accommodated in the FY2024 budget under the RTA Sales Tax Fund. Purchase Order 214020 shall be increased by \$1,475,615.00.

Impact on Capital Expenditures: N/A

Impact on Physical Space: N/A

Impact on Other County Departments or Outside Agencies: N/A

Conformity to Board Ordinances, Policies and Strategic Plan: Conforms to purchasing ordinances and policies and County's Strategic Plan.