MEMORANDUM

TO: Airport Board
FROM: Patrick Dame, C.M., Executive Director
DATE: January 26, 2021
RE: Approval Mead & Hunt Task Order No. 2021-4
        Sanitary Sewer System Improvements Predesign Services
        Project No. 18-5279

Mead & Hunt Task Order No. 2021-4 will provide predesign services for the Sanitary Sewer System improvements, Project No. 18-5279. The project will construct a gravity main, lift station and forcemain sanitary sewer system which will replace the existing lagoon system. This task order will be included in the 2021 FAA/AIP grant application with a total cost not to exceed $35,000.00.

STAFF’S RECOMMENDATION: Approve Mead & Hunt Task Order 2021-4 in an amount not to exceed $35,000.00.
In accordance with Paragraph 1.01, Main Agreement, of the Agreement Between Owner and Engineer for Professional Services—Task Order Edition dated January 1, 2021, Owner and Engineer agree as follows:

1. TASK ORDER DATA

| a. Effective Date of Task Order: | January 26, 2021 |
| b. Owner: | Rapid City Regional Airport |
| c. Engineer: | Mead & Hunt, Inc. |
| d. Specific Project (title): | Sanitary Sewer System Improvements |
| e. Specific Project (description): | Predesign Services |

2. BASELINE INFORMATION

Baseline Information. Owner has furnished the following Specific Project information to Engineer as of the Effective Date of the Task Order. Engineer's scope of services has been developed based on this information. As the Specific Project moves forward, some of the information may change or be refined, and additional information will become known, resulting in the possible need to change, refine, or supplement the scope of services.

- Specific Project Title: Sanitary Sewer System Improvements
- Description of Improvements: Predesign activities for the future construction of a gravity main, lift station and forcemain sanitary sewer system.
- Prior Studies, Reports, Plans: 2020 Environmental Assessment and 2018 Terminal Design Study
- Known Design Standards: FAA Design Advisory Circulars as applicable and 2007 City of Rapid City Standard Specifications for Public Works Construction
3. SERVICES OF ENGINEER ("SCOPE")

A. The specific Basic Services to be provided or furnished by Engineer under this Task Order are:
   as follows:
   - Predesign activities:
     - Coordination with the City of Rapid City Public Works and Engineering staff to establish the final design criteria for the improvements
     - Development of an Engineer’s Scope of Services for submittal and approval by the Airport and the Federal Aviation Administration DAK-MIN Airports District Office
     - Complete topographic survey of the project corridor as depicted in the selected alternative in the Environmental Assessment to include approximately 17,000 lineal foot of sewer main and one lift station location. The route and topography survey shall be tied to at least two City of Rapid City Monument Control system monuments utilizing NAD 83 (2011) State Plane coordinates and the NAVD 88 vertical datum.
     - Evaluate the existing soil conditions along the project alignment, boreholes are proposed at 800 ft spacing for a total of 21 boreholes. 2 additional boreholes will be located at the proposed lift station site. Field testing will be performed, and samples will be extracted for further laboratory analysis. Select soil samples will be tested in our laboratory to determine their general classification, physical properties, and engineering characteristics. In addition to the boreholes, soil electrical resistivity will be measured at 5 locations along the force main alignment and at the lift station site.
     - Assist the Airport staff with development of documentation for obtaining an independent fee review of the proposed engineering design fee

   All of the services included above comprise Basic Services for purposes of Engineer’s compensation under this Task Order. Ultimately this Task Order will be amended to be included in the final Scope of Services and Fee for the final design of the Sanitary Sewer Improvement project.

B. Additional Services: Services not expressly set forth as Basic Services in Paragraph 3.A above, and necessary services listed as not requiring Owner’s written authorization, or requiring additional effort in an immediate, expeditious, or accelerated manner as a result of unanticipated construction events or Specific Project conditions, are Additional Services, and will be compensated by the method indicated for Additional Services in this Task Order. All other Additional Services require mutual agreement and may be authorized by amending the Task Order as set forth in Paragraph 8.05.B.2 of the Main Agreement, with compensation for such other Additional Services as set forth in the amending instrument.

4. ADDITIONS TO OWNER’S RESPONSIBILITIES

A. Owner shall have those responsibilities set forth in Article 2 of the Main Agreement, and the following supplemental responsibilities that are specific to this Task Order:
   Not Applicable
5. **TASK ORDER SCHEDULE**

A. The parties shall meet the following schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>Action / Milestone</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 9, 2021</td>
<td>Completion of Task Order Scope to include FAA approvals and independent fee review and presentation of the final design Task Order Amendment to the Airport Board.</td>
</tr>
</tbody>
</table>

6. **ENGINEER’S COMPENSATION**

A. The terms of payment are set forth in Article 4 of the Main Agreement.

B. Owner shall pay Engineer for services rendered under this Task Order as follows:

<table>
<thead>
<tr>
<th>Description of Service</th>
<th>Amount</th>
<th>Basis of Compensation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Basic Services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Predesign Engineering Activities</td>
<td>$6,165.00</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>b. Topographic Survey</td>
<td>$16,835.00</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>a. Geotechnical Investigation and Report</td>
<td>$12,000.00</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>2. Resident Project Representative Services</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>TOTAL COMPENSATION (items 1 and 2)</td>
<td>$35,000.00</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>3. Additional Services under Section 2.D above</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Compensation items and totals based in whole or in part on Hourly Rates or Direct Labor are estimates only. Lump sum amounts and estimated totals included in the breakdown by phases incorporate Engineer's labor, overhead, profit, reimbursable expenses (if any), and Subconsultants' charges, if any. For lump sum items, Engineer may alter the distribution of compensation between individual phases (line items) to be consistent with services actually rendered, but shall not exceed the total lump sum compensation amount unless approved in writing by the Owner.

7. **ENGINEER’S PRIMARY SUBCONSULTANTS FOR TASK ORDER, AS OF THE EFFECTIVE DATE OF THE TASK ORDER:**

A. FMG, Inc. – Rapid City, SD

8. **EXHIBITS AND ATTACHMENTS:**

A. Not Applicable
Execution of this Task Order by Owner and Engineer makes it subject to the terms and conditions of the Main Agreement and its exhibits and appendices, which Main Agreement, exhibits, and appendices are incorporated by this reference.

OWNER: RAPID CITY REGIONAL AIRPORT

By: ____________________________________________

Print Name: Darren Haar

Title: Airport Board of Directors President

ENGINEER: MEAD & HUNT, INC.

By: ____________________________________________

Print Name: Jon Scraper

Title: Vice President

Engineer’s License or Firm’s Certificate No. (if required): C-6713

State of: South Dakota

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Patrick Dame

Title: Airport Executive Director

Address: 4550 Terminal Road – Suite 102

Rapid City, SD 57703

E-Mail Address: Patrick.Dame@rcgov.org

Phone: 605.394.4195

Date: ____________________________

Name: Rod Senn

Title: Project Manager

Address: 1760 Centre Street – Suite 4

Rapid City, SD 57703

E-Mail Address: rod.senn@meadhunt.com

Phone: 605.610.2938

Date: 1/26/2021