

February 12, 2021

Mr. Michael San Felippo  
Village of Random Lake  
96 Russell Drive  
Random Lake, WI 53075

RE: Lift Station at Orth Drive and Lake Breeze Lane  
Design Engineering Services  
Village of Random Lake

Dear Mr. San Felippo:

Kapur is pleased to submit this proposal to provide professional engineering services for the referenced project. The project includes the preparation of plans and specifications for the installation of a new lift station near Orth Drive and Lake Breeze Lane. The project is on an accelerated timeline to have the above system operational by October 2021. Our scope of services for the design services are as follows:

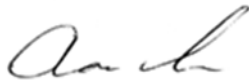
- Topographic survey at the future easement
- Lift Station
- Geotech
- Engineering Cost Estimates
- DNR permits
- Preparation of set of plans, specifications and bidding documents
- Assistance in bidding and award of construction contract

Our fees for the design as described above, are estimated at \$49,598 (see attached breakdown) and will be charged on a time-and-material basis.

Thank you for consideration of this proposal. If you have any questions or need additional information, feel free to call.

Sincerely,

KAPUR



Aaron Groh, P.E.  
Associate/Milwaukee Municipal Manager

APPROVED BY:

\_\_\_\_\_  
Village President

\_\_\_\_\_  
Date





**DESIGN SERVICES FOR**  
**LIFT STATION**  
**ORTH DRIVE AND LAKE BREEZE LANE**  
**VILLAGE OF RANDOM LAKE, WISCONSIN**  
**FEBRUARY 12, 2021**

| Design  |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  |                    |
|---|-------------------|---------------------------|------------------------|--------------------------------|------------------|---------------------|---------------------|----------------------------|---------------------|------------------|--------------------|
| TASK  | Project Manager   | Civil Project Engineer II | Civil Staff Engineer I | Engineering Tech / Designer II | Project Surveyor | One Man Survey Crew | Survey Technician I | Structural Project Manager | Structural Engineer | Total Task Hours | Total Task Cost    |
|   | \$159.00          | \$112.00                  | \$91.00                | \$83.00                        | \$112.00         | \$114.00            | \$83.00             | \$160.00                   | \$107.00            |                  |                    |
| <b>A - PROJECT MANAGEMENT</b>   |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  |                    |
| Project kick-off meeting  | 4                 | 2                         | 4                      |                                |                  |                     |                     |                            |                     | 10               | \$1,224.00         |
| Provide design schedule   | 1                 |                           |                        |                                |                  |                     |                     |                            |                     | 1                | \$159.00           |
| Progress meetings (approx. 2)   | 4                 | 4                         | 4                      |                                |                  |                     |                     |                            |                     | 12               | \$1,448.00         |
| Provide final design coordination and management                        | 20                |                           |                        |                                |                  |                     |                     |                            |                     | 20               | \$3,180.00         |
| Agency Coordination   |                   |                           | 8                      |                                |                  |                     |                     |                            |                     | 8                | \$728.00           |
| Prepare and submit DNR permits  | 4                 | 4                         | 16                     |                                |                  |                     |                     |                            |                     | 24               | \$2,540.00         |
| <b>PROJECT MANAGEMENT SUBTOTAL</b>                                      | <b>33</b>         | <b>10</b>                 | <b>32</b>              | <b>0</b>                       | <b>0</b>         | <b>0</b>            | <b>0</b>            | <b>0</b>                   | <b>0</b>            | <b>75</b>        | <b>\$9,279.00</b>  |
| <b>B - SITE SURVEY</b>  |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  |                    |
| Digger's and Utilities Locates  |                   |                           |                        |                                |                  |                     | 2                   |                            |                     | 2                | \$166.00           |
| Topographic Survey with Utilities and Borings                           |                   |                           |                        |                                | 2                | 4                   | 2                   |                            |                     | 8                | \$846.00           |
|   |                   |                           |                        |                                |                  |                     |                     |                            |                     | 0                | \$0.00             |
| <b>SITE SURVEY SUBTOTAL</b>   | <b>0</b>          | <b>0</b>                  | <b>0</b>               | <b>0</b>                       | <b>2</b>         | <b>4</b>            | <b>4</b>            | <b>0</b>                   | <b>0</b>            | <b>10</b>        | <b>\$1,012.00</b>  |
| <b>C - FINAL DESIGN SERVICES</b>  |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  |                    |
| LIFT STATION  |                   |                           |                        |                                |                  |                     |                     |                            |                     | 0                | \$0.00             |
| Structural and uplift design  | 2                 |                           |                        | 16                             |                  |                     |                     | 4                          | 24                  | 46               | \$4,854.00         |
| Mechanical  | 4                 | 24                        | 24                     | 24                             |                  |                     |                     |                            |                     | 76               | \$7,500.00         |
| Drafting combining electrical, control and mechanical drawings together |                   | 4                         |                        | 16                             |                  |                     |                     |                            |                     | 20               | \$1,776.00         |
| Site Layout   | 4                 |                           | 8                      | 4                              |                  |                     |                     |                            |                     | 16               | \$1,696.00         |
| Contract Documents  | 8                 | 8                         |                        |                                |                  |                     |                     |                            |                     | 16               | \$2,168.00         |
| Approvals   | 1                 |                           | 8                      |                                |                  |                     |                     |                            |                     | 9                | \$887.00           |
| Bidding Services (Pre-bid meeting, RFI's, addenda, bid recommendation)  | 8                 |                           | 4                      |                                |                  |                     |                     |                            |                     | 12               | \$1,636.00         |
| Subcontract - Symbiont Electrical and Control Design                    |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  | \$13,500.00        |
| Subcontract - CGC Geotechnical Investigation                            |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  | \$5,040.00         |
| Mileage   |                   |                           |                        |                                |                  |                     |                     |                            |                     |                  | \$250.00           |
| <b>FINAL DESIGN SERVICES SUBTOTAL</b>                                   | <b>27</b>         | <b>36</b>                 | <b>44</b>              | <b>60</b>                      | <b>0</b>         | <b>0</b>            | <b>0</b>            | <b>4</b>                   | <b>24</b>           | <b>195</b>       | <b>\$39,307.00</b> |
| <b>TOTAL HOURS</b>  | <b>60</b>         | <b>46</b>                 | <b>76</b>              | <b>60</b>                      | <b>2</b>         | <b>4</b>            | <b>4</b>            | <b>4</b>                   | <b>24</b>           | <b>280</b>       |                    |
| <b>DESIGN COST</b>  | <b>\$9,540.00</b> | <b>\$5,152.00</b>         | <b>\$6,916.00</b>      | <b>\$4,980.00</b>              | <b>\$224.00</b>  | <b>\$456.00</b>     | <b>\$332.00</b>     | <b>\$640.00</b>            | <b>\$2,568.00</b>   |                  | <b>\$49,598.00</b> |