

| ITB-25-021-PM - Electrical Installation for the Learn to Swim Program                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                |                           |                        |                            |                     |  |                        |                        |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|----------------------------|---------------------|--|------------------------|------------------------|---------------------|
| Vendor Name                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                | AGC Electric Inc.         |                        | Manny Source Electric Corp |                     |  |                        |                        |                     |
| Contact Person                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                | Adrian Curbelo            |                        | Manuel Dominguez           |                     |  |                        |                        |                     |
| Email Address                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                | adrian@agcelectric.com    |                        | mannysource01@gmail.com    |                     |  |                        |                        |                     |
| Phone Number                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                | (305) 803-4009            |                        | (786) 299-2168             |                     |  |                        |                        |                     |
| The Vendor Must follow Miami-Dade County Public Schools Educational Facilities Code Compliance (EFCC) Checklist for Pulling a Permit (As Outlined Below). All permit applications FM-6467 and supporting documents must be submitted to David Diamond 9 -weeks prior to the start of each of the four yearly grading periods. |                                                                                                                                                                                                                                                                                                                                                                |                           |                        |                            |                     |  |                        |                        |                     |
|                                                                                                                                                                                                                                                                                                                               | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                    | ITEM                      | DOCUMENT ESTIMATE (\$) | MATERIAL ESTIMATE (\$)     | LABOR ESTIMATE (\$) |  | DOCUMENT ESTIMATE (\$) | MATERIAL ESTIMATE (\$) | LABOR ESTIMATE (\$) |
| 1                                                                                                                                                                                                                                                                                                                             | Permit applications must include the following: school name, Maintenance Project number (MP#) and school location code                                                                                                                                                                                                                                         | DOCUMENT SUBMISSION       | 810                    |                            |                     |  | 600                    |                        |                     |
| 2                                                                                                                                                                                                                                                                                                                             | Letter to self-perform all work on company letterhead.                                                                                                                                                                                                                                                                                                         | DOCUMENT SUBMISSION       | 90                     |                            |                     |  | 250                    |                        |                     |
| 3                                                                                                                                                                                                                                                                                                                             | Letter for each individual school stating that subcontractors will not be hired to complete any of the LTSP work. Each specific school letter must include the school name, the MP# and the school location # on company letterhead.                                                                                                                           | DOCUMENT SUBMISSION       | 90                     |                            |                     |  | 350                    |                        |                     |
| 4                                                                                                                                                                                                                                                                                                                             | Standard Contractor Pre-qualification document.                                                                                                                                                                                                                                                                                                                | DOCUMENT SUBMISSION       | 90                     |                            |                     |  | 350                    |                        |                     |
| 5                                                                                                                                                                                                                                                                                                                             | A certificate of liability insurance for each school each grading period, on the bottom of liability insurance the vendor shall have listed each school name, adress, MP # and Room #.                                                                                                                                                                         | DOCUMENT SUBMISSION       | 90                     |                            |                     |  | 250                    |                        |                     |
| 6                                                                                                                                                                                                                                                                                                                             | Submit the contractor's license                                                                                                                                                                                                                                                                                                                                | DOCUMENT SUBMISSION       | 90                     |                            |                     |  | 150                    |                        |                     |
| 7                                                                                                                                                                                                                                                                                                                             | Fish drawings for each school project outlining and a written description of the scope of work to be performed. Phish drawings are created by the vendor; engineer produced phish drawings are not required.                                                                                                                                                   | DOCUMENT SUBMISSION       | 2250                   |                            |                     |  | 800                    |                        |                     |
| 8                                                                                                                                                                                                                                                                                                                             | Pre- inspection visit to the new school analyzing and locating a code compliant classroom to house the swimming pool.                                                                                                                                                                                                                                          | SCHOOL SITE VISIT 2 HOURS |                        |                            | 288                 |  |                        |                        | 450                 |
| 9                                                                                                                                                                                                                                                                                                                             | Isolate 2 ceiling lighting circuits per school pool room.                                                                                                                                                                                                                                                                                                      | LABOR                     |                        |                            | 180                 |  |                        |                        | 650                 |
| 10                                                                                                                                                                                                                                                                                                                            | Deenergize 4 lighting circuits per school pool room.                                                                                                                                                                                                                                                                                                           | LABOR                     |                        |                            | 180                 |  |                        |                        | 750                 |
| 11                                                                                                                                                                                                                                                                                                                            | Supply and hang 3 /4-inch EMT conduit pipe at 200 ft.                                                                                                                                                                                                                                                                                                          | MATERIALS / LABOR         |                        | 212.4                      | 1260                |  |                        | 650                    | 1800                |
| 12                                                                                                                                                                                                                                                                                                                            | Supply and install 40 Power Strut brackets for hanging ¾ inch EMT conduit pipe.                                                                                                                                                                                                                                                                                | MATERIALS / LABOR         |                        | 140                        | 180                 |  |                        | 520                    | 900                 |
| 13                                                                                                                                                                                                                                                                                                                            | Supply and pull power wire number 1 -200 feet of #4 feeder wire.                                                                                                                                                                                                                                                                                               | MATERIALS / LABOR         |                        | 279                        | 45                  |  |                        | 950                    | 650                 |
| 14                                                                                                                                                                                                                                                                                                                            | Supply and pull power wire number 2- 200 feet of #4 feeder wire.                                                                                                                                                                                                                                                                                               | MATERIALS / LABOR         |                        | 279                        | 45                  |  |                        | 950                    | 650                 |
| 15                                                                                                                                                                                                                                                                                                                            | Supply and pull 200 feet of neutral #4 feeder wire.                                                                                                                                                                                                                                                                                                            | MATERIALS / LABOR         |                        | 279                        | 45                  |  |                        | 950                    | 650                 |
| 16                                                                                                                                                                                                                                                                                                                            | Supply and pull 200 feet of #10 feeder ground wire.                                                                                                                                                                                                                                                                                                            | MATERIALS / LABOR         |                        | 80                         | 45                  |  |                        | 180                    | 350                 |
| 17                                                                                                                                                                                                                                                                                                                            | Supply Manufacturer SQUARE D- GFCI 50-amp double pole breaker and install the breaker.                                                                                                                                                                                                                                                                         | MATERIALS / LABOR         |                        | 139.5                      | 90                  |  |                        | 650                    | 250                 |
| 18                                                                                                                                                                                                                                                                                                                            | Supply and Install Manufacturer SQUARE D miniature panel enclosure.                                                                                                                                                                                                                                                                                            | MATERIALS / LABOR         |                        | 135                        | 360                 |  |                        | 450                    | 300                 |
| 19                                                                                                                                                                                                                                                                                                                            | Supply and install a 60- AMP breaker and label (POOL) on the 60- AMP breaker. This breaker is installed in the main panel providing power to the pool room. The 60-amp breaker feeding the pool room must be noted (POOL) on the paper panel schedule inside the panel door. The actual Breaker manufacturer brand dependent on particular school panel brand. | MATERIALS / LABOR         |                        | 270                        | 90                  |  |                        | 250                    | 450                 |
| 20                                                                                                                                                                                                                                                                                                                            | Deenergize one main breaker from the main electrical panel and label breaker wire (Do Not Touch).                                                                                                                                                                                                                                                              | LABOR                     |                        |                            | 49.5                |  |                        |                        | 300                 |
| 21                                                                                                                                                                                                                                                                                                                            | Inside the pool room place labels on 6 electrical light switches and receptacles showing electric panel number and circuit number including labeling the miniature panel enclosure.                                                                                                                                                                            | MATERIALS / LABOR         |                        | 9                          | 99                  |  |                        | 120                    | 450                 |
| 22                                                                                                                                                                                                                                                                                                                            | Connect four #4 wire thhn feeder power cord #6/4 soow cable permanently installed in the back of the electrical cart supplied by the Learn to Swim Program.                                                                                                                                                                                                    | LABOR                     |                        |                            | 99                  |  |                        |                        | 550                 |
| 23                                                                                                                                                                                                                                                                                                                            | Connect 1 permanently installed portable pump soow #12/4 cable power cord with a twist lock to the electric cart supplied by the Learn to Swim Program.                                                                                                                                                                                                        | LABOR                     |                        |                            | 99                  |  |                        |                        | 250                 |
| 24                                                                                                                                                                                                                                                                                                                            | Connect 2 permanently installed heater soow cable power cords #12/3 with twist locks to the electrical cart supplied by the Learn to Swim Program.                                                                                                                                                                                                             | LABOR                     |                        |                            | 99                  |  |                        |                        | 350                 |
| 25                                                                                                                                                                                                                                                                                                                            | Connect 1 permanently installed ORP meter soow cable power cord #14/3 with a twist lock to the electrical cart supplied by the Learn to Swim Program.                                                                                                                                                                                                          | LABOR                     |                        |                            | 99                  |  |                        |                        | 200                 |
| 26                                                                                                                                                                                                                                                                                                                            | Test 8 electric breakers permanently installed in the back of the Learn to Swim Program electric cart.                                                                                                                                                                                                                                                         | LABOR                     |                        |                            | 99                  |  |                        |                        | 300                 |
| 27                                                                                                                                                                                                                                                                                                                            | Supply and install six J hooks 5/16 inch on the wall to hold power cord #6/4 soow off the ground.                                                                                                                                                                                                                                                              | MATERIALS / LABOR         |                        | 109.8                      | 99                  |  |                        | 90                     | 220                 |
| 28                                                                                                                                                                                                                                                                                                                            | Install two commercial brand CREE emergency lights on the wall with soow power cable cord #12/4. lights and cable power cords are supplied by the Learn to Swim Program.                                                                                                                                                                                       | LABOR                     |                        |                            | 99                  |  |                        |                        | 450                 |
| 29                                                                                                                                                                                                                                                                                                                            | Supply 150 ft of #6 bare bonding copper wire.                                                                                                                                                                                                                                                                                                                  | MATERIAL                  |                        | 220.05                     |                     |  |                        | 900                    |                     |
| 30                                                                                                                                                                                                                                                                                                                            | Supply 10 bonding lugs to connect bare copper wire #6 to the Learn to Swim electric cart.                                                                                                                                                                                                                                                                      | MATERIAL                  |                        | 50.68                      |                     |  |                        | 120                    |                     |
| 31                                                                                                                                                                                                                                                                                                                            | Bond portable pump to the Learn to Swim Program electric cart using #6 bear copper wire and bonding lugs.                                                                                                                                                                                                                                                      | LABOR                     |                        |                            | 99                  |  |                        |                        | 250                 |
| 32                                                                                                                                                                                                                                                                                                                            | Bond portable heater to the Learn to Swim Program electric cart using #6 bear copper wire and bonding lugs.                                                                                                                                                                                                                                                    | LABOR                     |                        |                            | 99                  |  |                        |                        | 250                 |
| 33                                                                                                                                                                                                                                                                                                                            | Bond alarm tower to the Learn to Swim Program electric cart using #6 bear copper wire and bonding lugs.                                                                                                                                                                                                                                                        | LABOR                     |                        |                            | 99                  |  |                        |                        | 250                 |
| 34                                                                                                                                                                                                                                                                                                                            | Bond all metal surfaces to the Learn to Swim electric cart around the entire perimeter of the pool room including, window frames, metal sinks, ceiling grid, air conditioning unit and metal plates on electrical devices utilizing bear copper wire #6 and bonding lugs.                                                                                      | LABOR                     |                        |                            | 855                 |  |                        |                        | 950                 |
| 35                                                                                                                                                                                                                                                                                                                            | Vendor meets electrical inspector at the school for the final inspection.                                                                                                                                                                                                                                                                                      | 1 HOUR INSPECTION VISIT   |                        |                            | 288                 |  |                        |                        | 250                 |
| 36                                                                                                                                                                                                                                                                                                                            | Note: All certification/licensure documentation MUST be submitted with your response to this bid.                                                                                                                                                                                                                                                              |                           |                        |                            |                     |  |                        |                        |                     |
| 37                                                                                                                                                                                                                                                                                                                            | THE SERVICES REQUIRED ARE DISTRICT WIDE, INCLUDING NIGHTS AND WEEKENDS.                                                                                                                                                                                                                                                                                        |                           |                        |                            |                     |  |                        |                        |                     |
| TOTAL ESTIMATE (\$)                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                |                           | 3510.00                | 2203.43                    | 5089.50             |  | \$ 2,750.00            | \$ 6,780.00            | \$ 12,870.00        |
| TOTAL PROJECT ESTIMATE                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                |                           | \$ 10,802.93           |                            |                     |  | \$ 22,400.00           |                        |                     |