

**NJ TRANSIT Contract No. 15-031
Design, Engineering, Construction Assistance, and other Technical
Services for the NJ TRANSITGRID Project**

**Change Order No. 2
Phase I Interim - Supplementary Funding**

COST PROPOSAL

PHASE I (Interim) - NJ TransitGrid

| Staff Person/ Classification | Title | 2021 Raw Rate | Discipline / Role | Task 1 | | | | Total Hrs. | Raw Labor Budget (\$) |
|------------------------------|----------------------------|---------------|------------------------------------|-------------------------|--|-------------------------------------|--|--------------|-----------------------|
| | | | | 1A | 1B | 1C | 1D | | Year (0) |
| | | | | RFP Support | Proposed Amendments to the JIPA Provisions Following Completion of RFP Iterative Modifications | Engineering and Transaction Support | Proposer Selection and Negotiations with Selected Proposer | | |
| Firm Name | | | | Jacobs In Office | | | | | |
| Todd Schickel | Project Manager | \$ 130.07 | Management | 183 | 73 | 55 | 73 | 384 | \$ 49,947 |
| Roderick Schwass | Technical SME | \$ 94.67 | Technical SME | 110 | 110 | 73 | 91 | 384 | \$ 36,353 |
| James D. Walker | Project Assistant | \$ 62.50 | Management & Financial Controls | 279 | 107 | 107 | 207 | 700 | \$ 43,750 |
| Roger Copeland | Technical SME | \$ 118.96 | Technical SME | 300 | 100 | 200 | 100 | 700 | \$ 83,272 |
| Yuval Cohen | JIPA Transaction Lead | \$ 117.60 | Investment Partnership Procurement | 458 | 458 | 226 | 458 | 1,600 | \$ 188,160 |
| Praveen Sridharan | JIPA Analyst | \$ 72.12 | Financing Commercial Structure | 400 | 300 | | 200 | 900 | \$ 64,908 |
| Carlos Teran | Energy Engineer | \$ 61.44 | Energy Engineering | 192 | 64 | 64 | 64 | 384 | \$ 23,593 |
| Jim Homoki | Civil Engineer | \$ 86.41 | Site / Civil / Permits | 76 | 154 | 77 | 77 | 384 | \$ 33,181 |
| Steven Jenks | Energy SME | \$ 79.33 | Energy SME | 500 | 300 | 300 | 300 | 1,400 | \$ 111,062 |
| Bret Romero | Senior Mechanical Engineer | \$ 77.73 | Mechanical Engineering | | | 200 | 300 | 500 | \$ 38,865 |
| Casey Reimann | Mechanical Engineer | \$ 46.76 | Mechanical Engineering | | | | 300 | 300 | \$ 14,028 |
| Technical Writer | Technical Writer | \$ 75.00 | Technical Writer | 200 | 100 | | | 300 | \$ 22,500 |
| Charles Nicholas | JIPA Term Sheet SME | \$ 123.53 | JIPA & Finance SME | | | | | 0 | \$ - |
| Totals | | | | 2,698 | 1,766 | 1,302 | 2,170 | 7,936 | \$ 709,620 |

| Total Hrs. | Raw Labor Budget (\$) | Overhead Rate | Overhead | Fee | Year (0) Totals | Direct Expenses | Composite Inflation | Total |
|------------------|-----------------------|----------------|-------------------|-------------------|---------------------|-----------------|---------------------|------------------------|
| Year (0) | | | | | | | | |
| Jacobs In Office | | | | | | | | |
| 384 | \$ 49,947 | 109.34% | \$ 54,612 | \$ 10,456 | \$ 115,015 | | \$ 6,992.89 | |
| 384 | \$ 36,353 | 109.34% | \$ 39,749 | \$ 7,610 | \$ 83,712 | | \$ 5,089.70 | |
| 700 | \$ 43,750 | 109.34% | \$ 47,836 | \$ 9,159 | \$ 100,745 | | \$ 6,125.29 | |
| 700 | \$ 83,272 | 109.34% | \$ 91,050 | \$ 17,432 | \$ 191,754 | | \$ 11,658.63 | |
| 1,600 | \$ 188,160 | 109.34% | \$ 205,734 | \$ 39,389 | \$ 433,284 | | \$ 26,343.64 | |
| 900 | \$ 64,908 | 109.34% | \$ 70,970 | \$ 13,588 | \$ 149,466 | | \$ 9,087.55 | |
| 384 | \$ 23,593 | 109.34% | \$ 25,797 | \$ 4,939 | \$ 54,328 | | \$ 3,303.17 | |
| 384 | \$ 33,181 | 109.34% | \$ 36,281 | \$ 6,946 | \$ 76,408 | | \$ 4,645.62 | |
| 1,400 | \$ 111,062 | 109.34% | \$ 121,435 | \$ 23,250 | \$ 255,747 | | \$ 15,549.41 | |
| 500 | \$ 38,865 | 109.34% | \$ 42,495 | \$ 8,136 | \$ 89,496 | | \$ 5,441.36 | |
| 300 | \$ 14,028 | 109.34% | \$ 15,338 | \$ 2,937 | \$ 32,303 | | \$ 1,964.01 | |
| 300 | \$ 22,500 | 109.34% | \$ 24,602 | \$ 4,710 | \$ 51,812 | | \$ 3,150.15 | |
| - | \$ - | 109.34% | \$ - | \$ - | \$ - | | \$ - | |
| 7,936 | \$ 709,620 | 109.34% | \$ 775,898 | \$ 148,552 | \$ 1,634,069 | \$ - | \$ 99,351 | \$ 1,733,420.76 |

Assuming a 4% per year inflation rate, the effective overall inflation equals 6.08%

Ballard Spahr LLP (Commercial Advisory Vendor) \$ 1,078,325.00

TOTAL 2,811,745.76