



Rhode Island Turnpike and Bridge Authority

One East Shore Road | P.O. Box 437 | Jamestown, Rhode Island 02835-0437

NOTICE

(Posted January 29, 2016)

There will be a Board Meeting of the Rhode Island Turnpike and Bridge Authority on Wednesday, February 3, 2016, at 8:30 A.M., at the Authority's office in Jamestown.



Rhode Island Turnpike and Bridge Authority

One East Shore Road | P.O. Box 437 | Jamestown, Rhode Island 02835-0437

Board Meeting Agenda February 3, 2016 - Quarterly Meeting 8:30 AM

1. Call to Order: Stephen C. Waluk, Chairman
2. Public Comments:
3. Approval: Minutes of the January 12, 2016 meeting
4. Approval: Pannone Lopes Devereaux & West LLC
Professional Services for the month of December, 2015

\$5,587.98
5. Approval: Adler Pollock & Sheehan P.C.
Professional Services for the month of December, 2015

\$2,985.62
6. Discussion/Approval: Ratifications

\$799,824.97
7. Discussion/Approval: Bridge Security Cameras
8. Discussion/Approval: VMS/Cameras
9. Discussion/Approval: Traffic Control Monitors

10. Discussion/Approval: Preparation of Bridge Maintenance “Specifications” for workers to conduct maintenance on our bridges this season – Task Order to Parsons
11. Discussion/Approval: Asset Management Program - Continuation of Pilot Project – Task Order to WSP/PB
12. Discussion/Approval: Change Order for Contract 12-1/Aetna Bridge – On-Call Road & Bridge Maintenance
13. Discussion/Approval: Replacement of Southern Approach Slab on Mt Hope Bridge – Task Order to Ammann & Whitney
14. Discussion/Approval: Emergency Generator Transfer Switch
15. Executive Director’s Report
 - Meetings / Upcoming Events
 - Staff Report
 - CFO Report
 - Director of Engineering Report
 - Operations, Safety & Security
 - E-ZPass
 - Maintenance
 - Technology
16. Executive Session
 - Pursuant to RI General Laws 42-46-5 (a) (2)
 - Potential Litigation
 - Litigation
 - Pursuant to RI General Laws 42-46-5(a) (3)
 - Security Matters

A meeting of the Rhode Island Turnpike and Bridge Authority was held on Tuesday, January 12, 2016, at the Authority's office in Jamestown.

The meeting was called to order at 8:43 A.M. by Chairman, Stephen C. Waluk

Members Present:

Stephen C. Waluk, Chairman
Richard S. Humphrey, Vice Chair
Peter Alviti, Jr., Director DOT

Invited Guests:

Buddy Croft, Executive Director
Margaret Baker, CFO, Treasurer
Eric Offenber, Director of Engineering
Kathryn O'Connor, Electronic Toll Collections Director
Marianne Durgin, Executive Assistant to the Director
Michael Bonsignore, Chief Technology Officer
Jim Manni, Director of Toll Plaza Operations, Safety & Security
Frank Flowers, RITBA Electrician
William O'Gara, Legal Counsel

Item No. 2

There were no public comments.

Item No. 3

Motion by Richard Humphrey, seconded by Peter Alviti, Jr., passed unanimously to approve the minutes of the November 4, 2015 board meeting.

Item No. 4

Motion by Richard Humphrey, seconded by Peter Alviti, Jr., passed unanimously to approve:

Pannone Lopes Devereaux & West LLC
Professional Services for the months of October, 2015
& November, 2015

\$6,207.74

Item No. 5

Motion by Richard Humphrey, seconded by Peter Alviti, Jr., passed unanimously to approve:

Adler Pollock & Sheehan P.C
Professional Services for the months of October, 2015
& November, 2015

\$11,970.62

Item No. 6

Motion by Richard Humphrey, seconded by Peter Alviti, Jr., passed unanimously to ratify Construction/Engineering invoices in the amount of:

\$8,096,719.18

Item No. 7

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to approve the award of Underwriter for Issuance of up to \$128,295,000 Motor Fuel Revenue Bonds to Bank of America/Merrill Lynch as Senior Manager and the firms of Janney Montgomery Scott LLC, J.P. Morgan Securities LLC, Citigroup Global Markets, Inc., Roosevelt & Cross Incorporated and Oppenheimer & Co., Inc. to serve as co-managing underwriters. Seven (7) proposals were received for Senior Manager or Co-Manager and an additional seven (7) for co-manager only.

Item No. 8

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to approve issuance of up to \$128,295,000.00 of gas tax revenue bonds to pay off \$60,000,000.00 in BANS and obtain up to \$68,295,000.00 for additional projects.

Item No. 9

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to approve the recommended distribution of funds raised through the Citizens Bridge Run to Thirty Three (33) non-profits. Also approved was the request to file a Form 1023 with the IRS to start the process of forming a foundation to manage the financial piece of the race moving forward. After five (5) years the Bridge Run and the Four Bridges Bicycle Run have grown in popularity and due to increased awareness of these events there are a myriad of requests for donations.

Item No. 10

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to approve Parsons Brinckerhoff to provide Engineering Services for the LiDar scanning of Route 138. The survey will collect video images of the highway including technical and visual data needed. This is the first step to prepare for design work that will be done for the rehabilitation of Route 138/Jamestown as part of the ten (10) year plan.

Item No. 11

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to approve the LiDar survey of the Newport/Pell Bridge off ramps and surrounding area. The survey was scheduled to occur next year as part of our ongoing Asset Management Program. By doing it now we are collaborating with the City of Newport, Newport Tree Society, Aquidneck Island Planning Commission, Daffodillion and private individuals involved in the Newport Ramp Beautification Project whose goal is to develop a landscape and planting program to beautify visitors' initial entry into Newport. A major Arbor Day planting will be the kick-off event.

Item No. 12

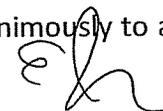
Executive Director's Report – There was no report.

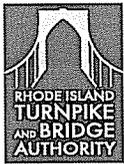
Item No. 13

Executive Session – There was no executive session.

Motion by Peter Alviti, Jr., seconded by Richard Humphrey, passed unanimously to adjourn the meeting at 8:59 A.M.

Buddy Croft
Secretary





RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|--|
| AGENDA ITEM <i>4</i> | DATE PREPARED: January 27, 2016 | SUBJECT: PANNONE LOPES DEVEREAUX & WEST LLC |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: BUDDY CROFT |

SUMMARY DESCRIPTION:

The Authority has engaged Pannone Lopes Devereaux & West LLC to provide legal services. Submitted for the Board's consideration are the firm's invoices for the month of December, 2015 in the amount of \$5,827.98.

Financial Effect : \$5,827.98 (support for \$240.00 in executive session)

Instructions: The individual named at the top of this page as "preparer" indicates in boxes below which individuals and departments are to review and approve this document and its corresponding support (if applicable) prior to distribution to Board members. Then, each individual places his or her initials and date in the appropriate space in evidence of their review.

| ROUTING | EXECUTIVE DIRECTOR | INITIALS | DATE | BOARD ACTION: |
|---------|---|------------|----------------|---|
| √ | EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | <i>EJC</i> | <i>1/27/16</i> | <p>TABLED: UNTIL _____</p> <p>DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>RATIFIED</p> |
| | FINANCE <i>MAGGIE BAKER</i> | | | |
| | ENGINEERING <i>ERIC OFFENBERG</i> | | | |
| | PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| | ELECTRONIC TOLL COLLECTION DIRECTOR <i>KATHRYN O'CONNOR</i> | | | |
| | MAINTENANCE <i>JAMES ROMANO</i> | | | |
| | INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |

Invoice #: 26821

January 4, 2016

Client.Matter: 356 . 790

RE: General

PROFESSIONAL SERVICES

| Date | Atty | Description | Hours | Rate | Amount | |
|----------|------|---|-------|--------|--------|---|
| 11/30/15 | BJL | Confer and correspond w/ J. Corrigan re: assignment of contract; correspond w/ K. O'Connor re: same; review redlined Assignment agreement and further edit same; review letter from Yellow Pages regarding allegedly past due amounts owed; review prior correspondence/details re: same; strategize approach and next steps in connection therewith; draft response letter to Yellow Pages | .60 | 200.00 | 120.00 | ✓ |
| 11/30/15 | BLR | Attention to review of revised Assignment Agreement in anticipation of call on same. | .30 | 200.00 | 60.00 | ✓ |
| 12/01/15 | BJL | Confer w/ M. Baker re: Yellow Pages dispute issue; strategize approach and next steps; revise/finalize letter to Yellow Pages; prepare for and confer w/ K. O'Connor re: contract assignment issues and next steps re: same; correspond w/ RITBA re: payment of toll violator debt | .70 | 200.00 | 140.00 | ✓ |
| 12/02/15 | BJL | Correspondence re: toll violator payment plan; review details re: same | .20 | 200.00 | 40.00 | ✓ |
| 12/03/15 | WEO | Telephone conference with client; follow up on access to public records requests. | 1.50 | 200.00 | 300.00 | ✓ |
| 12/04/15 | BJL | Correspondence from M. Baker re: proposed changes to indemnification language of contract; review and comment upon same | .20 | 200.00 | 40.00 | ✓ |
| 12/07/15 | BJL | Correspondence re: HAKS contract; review/analyze proposed changes to contract and comment upon same | .30 | 200.00 | 60.00 | ✓ |
| 12/07/15 | WEO | Follow up with client regarding request for documents; review materials related to same. | .90 | 200.00 | 180.00 | ✓ |
| 12/08/15 | BJL | Review and analyze substantive information/attachments regarding potential assignment of contracts; correspondence re: same; identify issues and concerns for next steps to be taken and strategize approach | .40 | 200.00 | 80.00 | ✓ |
| 12/09/15 | BJL | Prepare for and participate in conference call to discuss contract issues and next steps re: same; review and analyze proposed notices and underlying documents in connection with same; review and revise/comment upon proposed assignment agreement; communicate w/ M. Baker; correspondence re: APRA decision/issues and review decision | 1.40 | 200.00 | 280.00 | ✓ |
| 12/09/15 | BLR | Review proposed draft indemnity language in relation to prospective assignment; provide comment on same. | .40 | 200.00 | 80.00 | ✓ |

PANNONE LOPES DEVEREAUX & WEST LLC

Invoice #: 26821

January 4, 2016

| Date | Atty | Description | Hours | Rate | Amount | |
|----------|------|--|-------|--------|--------|---|
| 12/09/15 | WEO | Review documents related to document requests; follow up with client. | .90 | 200.00 | 180.00 | ^ |
| 12/10/15 | WEO | Provide information to auditors; review and revise legal memorandum in connection with MacKenzie matter. | 1.50 | 200.00 | 300.00 | ^ |
| 12/11/15 | BJL | Correspond w/ M. Baker re: customer credit; review details re: same; confer w/ M. Baker re: agenda items; correspondence re: pending litigation and review details re: same | .30 | 200.00 | 60.00 | ^ |
| 12/11/15 | BLR | Attention to matters concerning reconfiguration of Board Agendas. | .20 | 200.00 | 40.00 | ^ |
| 12/11/15 | WEO | Telephone conference with counsel; revise memorandum; follow up on public records issue. | 1.30 | 200.00 | 260.00 | ^ |
| 12/15/15 | BJL | Correspond w/ K. O'Connor re: ORT tolling/pricing; review details re: same; review RI law re: same | .50 | 200.00 | 100.00 | ^ |
| 12/15/15 | BLR | Research toll violator provisions of Authority Regulations and Enabling Legislation in response to client personnel inquiry regarding Toll invoice; attention to numerous emails from client personnel re. tolls. | 1.50 | 200.00 | 300.00 | ^ |
| 12/16/15 | BJL | Review and comment upon/revise proposed contract language sent by M. Durgin; correspond w/ M. Durgin re: same; review details re: Unpaid Toll Schedule and communicate w/ K. O'Connor re: same; strategize approach and next steps for potential language changes; prepare for conference call with K. O'Connor and contracting party re: potential assignment; review details re: Unpaid Toll Schedule/Rules and Regulations and strategize approach and next steps with respect to implementation of same in 2016; substantive correspondence regarding proposed revised notices; review and analyze federal litigation and pleadings regarding FDCPA issues | 2.70 | 200.00 | 540.00 | ^ |
| 12/16/15 | BLR | Review proposed arbitration and indemnity contract language and provide comment on same. | .20 | 200.00 | 40.00 | ^ |
| 12/21/15 | BJL | Prepare for and participate in/conduct conference call w/ contractual counter-party regarding assignment of contract; review and analyze correspondence/details re: same | .80 | 200.00 | 160.00 | ^ |
| 12/21/15 | WEO | Revise FOIA policy; provide comments regarding same. | 1.50 | 200.00 | 300.00 | ^ |
| 12/22/15 | BLR | Draft and revise Form 1023 in anticipation of forming Foundation entity and filing for federal tax-exempt status. | 2.30 | 200.00 | 460.00 | ^ |
| 12/23/15 | BLR | Begin preparation and drafting of Form 1023 Application for federal tax-exempt status for prospective charitable entity of the Authority. | 3.60 | 200.00 | 720.00 | ^ |
| 12/23/15 | WEO | Attention to open records policy and related documents; follow up with client. | 1.50 | 200.00 | 300.00 | ^ |
| 12/26/15 | BLR | Call from RITBA personnel with respect to proposed | .20 | 200.00 | 40.00 | ^ |

PANNONE LOPES DEVEREAUX & WEST LLC

Invoice #: 26821

January 4, 2016

| Date | Atty | Description | Hours | Rate | Amount |
|------------------------------------|------|---|--------------|--------|--------------------|
| | | Charitable organization formation and application for federal -tax-exempt status. | | | |
| 12/28/15 | BJL | Revise and finalize initial draft of redlined assignment agreement for contract; correspond w/ contractual counterparty re: same | .40 | 200.00 | 80.00 |
| 12/28/15 | BLR | Continued preliminary drafting of Form 1023 application and related recommended policies in furtherance of obtaining federal tax-exempt status for prospective charitable entity. | 1.40 | 200.00 | 280.00 |
| 12/29/15 | BLR | Email with client personnel re. creation of charitable organization. | .20 | 200.00 | 40.00 |
| Total Professional Services | | | 27.90 | | \$ 5,580.00 |

TOTAL PROFESSIONAL SERVICES \$ 5,580.00

SUMMARY OF PROFESSIONAL SERVICES

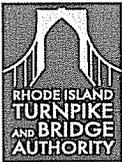
| Name | Staff Level | Hours | Rate | Total |
|-----------------------|-------------|--------------|--------|--------------------|
| William E. O'Gara | Partner | 9.10 | 200.00 | 1,820.00 |
| Brian J. Lamoureux | Partner | 8.50 | 200.00 | 1,700.00 |
| Benjamin L. Rackliffe | Associate | 10.30 | 200.00 | 2,060.00 |
| Total | | 27.90 | | \$ 5,580.00 |

DISBURSEMENTS ADVANCED

| Date | Description | Amount |
|----------|-------------|--------|
| 11/17/15 | Photocopies | .75 |
| 12/01/15 | Postage | 7.23 |

TOTAL DISBURSEMENTS ADVANCED \$ 7.98

TOTAL THIS INVOICE \$ 5,587.98



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|---|---|--|
| AGENDA ITEM 5 | DATE PREPARED: January 27, 2016 | SUBJECT: ADLER POLLOCK & SHEEHAN P.C. |
| FOR THE MEETING OF: February, 3, 2016 | | PREPARED BY: BUDDY CROFT |

SUMMARY DESCRIPTION:

The Authority has engaged Adler Pollock & Sheehan P.C. to provide legal services. Submitted for the Board's consideration are the firm's invoices for the month of December, 2015 in the amount of \$3,173.12.

Financial Effect : \$3,173.12

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| ROUTING | EXECUTIVE DIRECTOR EARL J. CROFT III | INITIALS | DATE | BOARD ACTION: |
|---------|---|-----------|---------|--|
| √ | | <i>EC</i> | 1/27/16 | <p>TABLED: UNTIL _____</p> <p>DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: __ YES __ NO</p> <p>APPROVED: __ YES __ NO</p> <p>RATIFIED</p> |
| | FINANCE MAGGIE BAKER | | | |
| | ENGINEERING ERIC OFFENBERG | | | |
| | PLAZA OPERATIONS SAFETY & SECURITY JIM MANNI | | | |
| | DIRECTOR OF ELECTRONIC TOLLING KATHRYN O'CONNOR | | | |
| | MAINTENANCE JAMES ROMANO | | | |
| | INFORMATION TECHNOLOGY MICHAEL BONSIGNORE | | | |
| | | | | |

ADLER POLLOCK & SHEEHAN P.C.

Adler Pollock & Sheehan P.C.
 One Citizens Plaza, 8th Floor
 Providence, RI 02903-1345
 Telephone (401) 274-7200
 Fax (401) 751-0604

175 Federal Street
 Boston, MA 02110
 Telephone (617) 482-0699
 Fax (617) 482-0604

EI # 05-0343749

RECEIVED JAN 22 2016

RI Turnpike & Bridge Authority
 Buddy Croft, Executive Director
 One East Shore Road
 P.O. Box 437
 Jamestown, RI 02835

Invoice Date: January 19, 2016
 Invoice Number: 451636
 Client Number: 401647

For Professional Services Rendered:

001 - General

| Date | Timekeeper | Description | Hours | Value |
|----------|---------------|---|-------|-------------|
| 12/02/15 | Silveira, L C | Procurement regulations and new bylaws - Reviewed comments received from ACLU and discussed same with firm attorney (S. DeBlasio). | 0.50 | \$ 125.00 ✓ |
| 12/08/15 | Silveira, L C | Procurement regulations and bylaws - Worked with firm attorney (S. DeBlasio) to finalize compliance with Administrative Procedures Act. | 1.50 | 375.00 ✓ |
| 12/08/15 | DeBlasio, S L | Reviewed and considered comments from Steven Brown, Executive Director, American Civil Liberties Union of Rhode Island, regarding proposed Bylaws and proposed Procurement Regulations; researched applicable law; drafted revisions to proposed Bylaws; drafted Memorandum to Steven Brown, Executive Director, to address outstanding legal issues and concerns | 3.65 | 912.50 ✓ |
| 12/16/15 | Silveira, L C | Communications with Mr. S. Brown of ACLU re comments concerning procurement regulations and bylaws. | 0.10 | 25.00 ✓ |
| 12/21/15 | Silveira, L C | Procurement regulations and bylaws - Finalized regulations and bylaws in response to comments received from ACLU; Electronic correspondence with Mr. S. Brown of ACLU re same. | 1.00 | 250.00 ✓ |



| <u>Date</u> | <u>Timekeeper</u> | <u>Description</u> | <u>Hours</u> | <u>Value</u> |
|-----------------------------|-------------------|--|--------------|--------------|
| 12/21/15 | DeBlasio, S L | Reviewed and considered further comments from Steve Brown, Executive Director, American Civil Liberties Union of Rhode Island; revised proposed Bylaws; researched applicable law; drafted Memorandum with response and legal comments | 2.30 | 575.00 |
| Subtotal | | | 9.05 | \$ 2,262.50 |
| Less Discount | | | | \$ (339.38) |
| Total Professional Services | | | 9.05 | \$ 1,923.12 |

| <u>Timekeeper Summary</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
|-----------------------------|--------------|-------------|--------------|
| DeBlasio, S L | 5.95 | \$ 250 | \$ 1,487.50 |
| Silveira, L C | 3.10 | 250 | 775.00 |
| Total Professional Services | 9.05 | | \$ 2,262.50 |

Total Professional Services and Disbursements for this Matter \$ 1,923.12

ADLER POLLOCK & SHEEHAN P.C.

Adler Pollock & Sheehan P.C.
 One Citizens Plaza, 8th Floor
 Providence, RI 02903-1345
 Telephone (401) 274-7200
 Fax (401) 751-0604

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175 Federal Street
 Boston, MA 02110
 Telephone (617) 482-0699
 Fax (617) 482-0604

EI # 05-0343749

RI Turnpike & Bridge Authority
 Buddy Croft, Executive Director
 One East Shore Road
 P.O. Box 437
 Jamestown, RI 02835

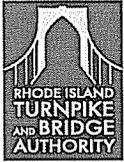
Invoice Date: January 19, 2016
 Invoice Number: 451637
 Client Number: 401647

For Professional Services Rendered:

007 - General Employment Matters

| <u>Date</u> | <u>Timekeeper</u> | <u>Description</u> | <u>Hours</u> | <u>Value</u> |
|-----------------------------|-------------------|---|--------------|--------------|
| 12/30/15 | Silveira, L C | Group health and dental coverage for former employees and dependents - Telephone conference and electronic correspondence with Ms. M. Baker; Legal research; Began drafting letters re termination of continued coverage. | 3.00 | \$ 750.00 |
| 12/31/15 | Silveira, L C | Drafted and finalized letters to former employees and dependents re termination of continued group health coverage; Telephone conferences and electronic correspondence with Ms. M. Baker and Mr. B. Croft re same. | 2.00 | 500.00 |
| Subtotal | | | 5.00 | \$ 1,250.00 |
| Less Discount | | | | \$ (187.50) |
| Total Professional Services | | | 5.00 | \$ 1,062.50 |

| <u>Timekeeper Summary</u> | <u>Hours</u> | <u>Rate</u> | <u>Total</u> |
|-----------------------------|--------------|-------------|--------------|
| Silveira, L C | 5.00 | \$ 250 | \$ 1,250.00 |
| Total Professional Services | 5.00 | | \$ 1,250.00 |



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|----------------------------------|
| AGENDA ITEM 6 | DATE PREPARED: January 28, 2016 | SUBJECT: RATIFICATIONS |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: MAGGIE BAKER |

SUMMARY DESCRIPTION:

Request the Board's approval for the following ratifications:

Construction/Engineering \$799,824.97

Financial Effect : \$799,824.97

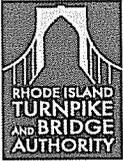
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| ROUTING | EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | INITIALS | DATE | BOARD ACTION: |
|---------|---|-----------|----------------|---|
| √ | FINANCE <i>MAGGIE BAKER</i> | <i>MB</i> | <i>1/28/16</i> | <p><input type="checkbox"/> TABLED: UNTIL _____</p> <p><input type="checkbox"/> DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: right;">VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p style="text-align: right;">APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><input type="checkbox"/> RATIFIED</p> |
| | ENGINEERING <i>ERIC OFFENBERG</i> | | | |
| | PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| | DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| | MAINTENANCE <i>JAMES ROMANO</i> | | | |
| | INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | | |
| | | | | |

Ratifications

1/1/2016 – 1/26/2016

| | | |
|---|------------------|--------------|
| <i>NP Painting Steel Repairs East Approach</i> | | |
| AETNA BRIDGE | 11-1 | 600,485.84 |
| KEVILLE | 11-1 | 20,063.33 |
| PARSONS BRINCKERHOFF | 11-1 | 4,722.76 |
| <i>NP Deck Repairs</i> | | |
| PARSONS BRINCKERHOFF | 12-1 | 2,381.23 |
| <i>Mt Hope Cable Investigation</i> | | |
| KEVILLE | 15-6 | 3,907.79 |
| <i>Mt Hope Toll and Carriage House</i> | | |
| NCA | 15-7 | 3,050.00 |
| <i>NP Painting Steel Repairs West Approach</i> | | |
| KEVILLE | 15-8 | 18,389.66 |
| PARSONS BRINCKERHOFF | 15-8 | 9,989.48 |
| <i>On-Call Professional Engineering Bridge Inspect. Services</i> | | |
| MODJESKI & MASTERS - (Mt Hope Routine Inspection) | 15-17 | 8,898.02 |
| <i>Jamestown Pump Station</i> | | |
| THOMPSON PUMP | 15-19 | 4,421.70 |
| EW Burman | 15-19 | 103,776.76 |
| <i>Maintenance Garage</i> | | |
| NCA | 15-21 | 2,800.00 |
| <i>Miscellaneous</i> | | |
| PARSONS BRINCKERHOFF | Engineer Support | 16,938.40 |
| | | \$799,824.97 |
| *Specific bills available for review | | |



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|---|
| AGENDA ITEM <div style="text-align: center; font-size: 2em;">7</div> | DATE PREPARED: January 22, 2016 | SUBJECT: BRIDGE SECURITY CAMERAS |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: MICHAEL BONSIGNORE |

SUMMARY DESCRIPTION:

Authorization to purchase three (3) PTZ cameras:

- 1) The three cameras would be same make and model RITBA is using at the Pell Bridge and Sakonnet shelter.
- 2) Would include mountings and transmitter/receivers for wireless communication
- 3) Would include "Genetec software" licenses to integrate feeds into existing RITBA server systems

Financial Effect : Approximately \$8,000/camera for a total of \$24,000.00

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| ROUTING | INITIALS | DATE | BOARD ACTION: |
|---|--------------------|----------------|--|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p style="text-align: center;"><u> </u> TABLED: UNTIL _____</p> <p style="text-align: center;"><u> </u> DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: center;">VOTE TAKEN: <u> </u> YES <u> </u> NO</p> <p style="text-align: center;">APPROVED: <u> </u> YES <u> </u> NO</p> <p style="text-align: center;"><u> </u> RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| ENGINEERING <i>ERIC OFFENBERG</i> | | | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | <i>[Signature]</i> | <i>1/22/16</i> | |
| √ | | | |



PROPOSAL

RITBA, Security Projects (Revised 1/22/16)

1/22/2016

Michael Bonsignore

RITBA

1 East Shore Road

Jamestown, RI

02835

Quote #: SESQ10185-02

Presented by: Jason Bianco

Email: jason.bianco@signetgroup.net

Phone: 781-871-5888 x1233



SIGNET Electronic Systems, Inc.
106 Longwater Drive, Norwell, MA 02061
(v) 781-871-5888 (f) 781-871-4757
www.signetgroup.net

Location:

Various RITBA locations

Description of Work:

| QTY | DESCRIPTION | MAN | PART # | UNIT PRICE | TOTAL PRICE |
|-----|--------------------------------|-----|--------|-------------|-------------|
| 1 | PTZ cameras on Sakonnet/RT 138 | | | \$22,496.00 | \$22,496.00 |

Unit price includes:

- (3) Axis PTZ cameras with 2MP resolution and wall mount bracket
- (3) Genetec license to incorporate into existing system
- (3) Fluidmesh 5MB/sec wireless transmitter with mounting bracket
- (3) Fluidmesh 5MB/sec wireless receiver with mounting bracket.
- Labor is currently not included.

- For locations where (1) receiver is adequate for multiple transmitters, additional pricing discounts may apply.

*Plus applicable taxes

Assumptions

- When applicable, SIGNET will pay current prevailing wage rates to our technical services personnel.
- When applicable proposal assumes that current prevailing wage rates for this project will be furnished to SIGNET upon contract award.
- Proposal assumes that working hours for the project will be 7AM to 3:30PM, Monday thru Friday (company & customer holidays excluded).
- Proposal assumes that during our on-site work, we will have unrestricted access to any areas necessary.
- Proposal assumes that during our on-site work, parking will be made available and provided to our installation and technical services personnel.
- Any scope of work not specifically noted in this proposal shall not be included in the proposal.
- Proposal assumes that service during the system warranty period will be provided during normal business hours, with service response within two (2) business days of call receipt.
-

Terms & Agreement

Your satisfaction is important to us and we plan to exceed your expectations.

All equipment is under warranty by the manufacturers. We guarantee all installation work to be free of defects for a period of one year from installation date. If service is required, we will be happy to provide you with prompt courteous service. SIGNET Electronic Systems, Inc. assumes no responsibility for damages, either direct or consequential, that may result from acts of nature, water damage or improper use. Prices indicated in this proposal are valid for 30 days. Any changes to this proposal will be submitted in writing for approval.

Terms: Credit to be determined, deposit may be required. This equipment shall remain the property of SIGNET Electronic Systems, Inc. until all installation and equipment charges have been paid in full.

We sincerely appreciate the opportunity to present this proposal to you. Please contact Jason Bianco should you have any questions at 781-871-5888 x1233 or via email at jason.bianco@signetgroup.net.

Client:
RITBA
1 East Shore Road
Jamestown, RI 02835
USA

Company:
SIGNET Electronic Systems Inc.
106 Longwater Drive
Norwell, MA 02061

Signature

Jason Bianco

Signature

Printed Name/Title

Jason Bianco, Senior Account Executive,

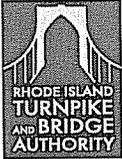
Printed Name/Title

Date

1/22/2016

Date

The information contained in this document and the solution proposed by SIGNET Electronic Systems, Inc. is proprietary and confidential to SIGNET Electronic Systems, Inc. These materials can be used solely for the purpose of evaluating a possible transaction between SIGNET Electronic Systems, Inc. and its prospective client. No recipient of these materials may use them for its own commercial advantage. The recipient of these materials must hold them in confidence and shall not distribute them, in whole or in part, to any other individual or entity in any form without the prior written consent of SIGNET Electronic Systems, Inc.



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|------------------------------------|
| AGENDA ITEM 8 | DATE PREPARED: January 29, 2016 | SUBJECT: VMS/CAMERAS |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

RITBA does not have the ability to monitor construction projects that are not on the Newport or Mt Hope Bridges. In addition, there is a need for additional Variable Message Signs for all of our activities. These new remote video monitoring variable message signs will take care of both needs and will be utilized in Jamestown and in Portsmouth.

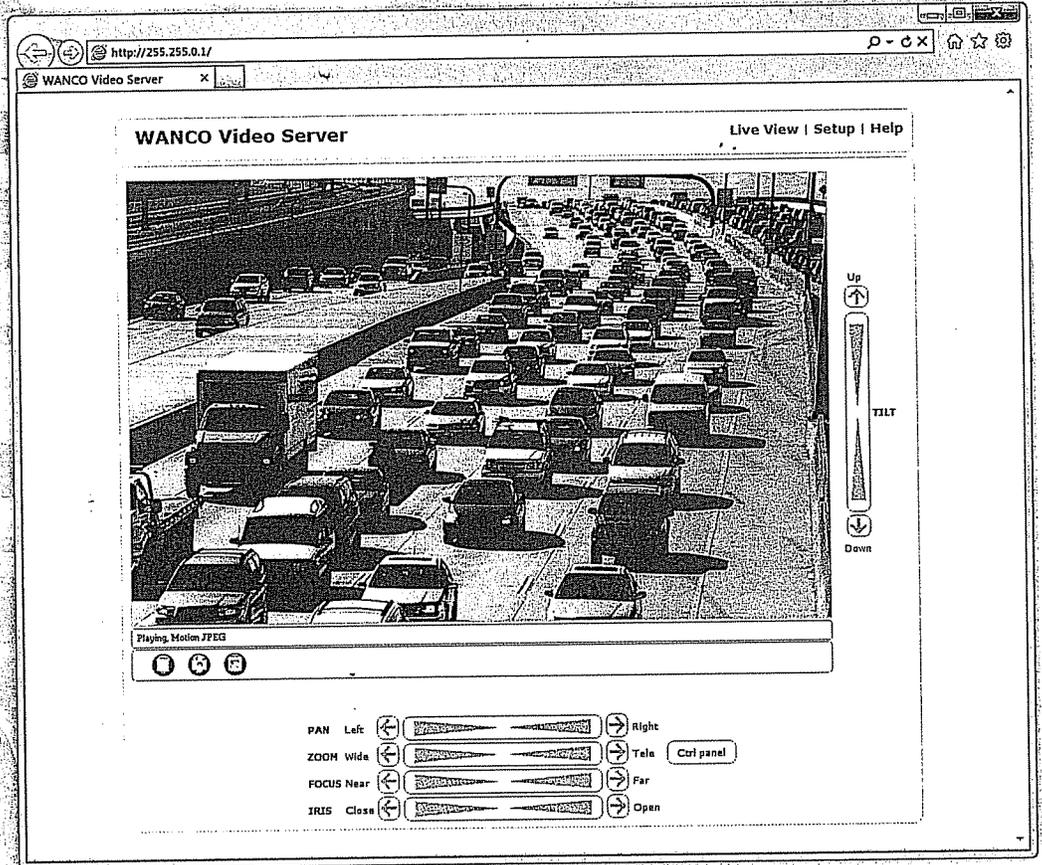
Request Authority to go out to bid for purchase of two (2) machines.

Financial Effect : NTE: \$65,000.00

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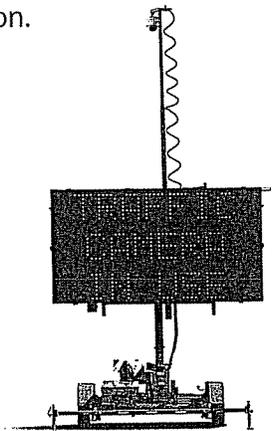
| ROUTING | INITIALS | DATE | BOARD ACTION: |
|--|-----------|----------------|---|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p><input type="checkbox"/> TABLED: UNTIL _____</p> <p><input type="checkbox"/> DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><input type="checkbox"/> RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| ✓ ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | <i>1/29/16</i> | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |
| | | | |

Remote-Video Monitoring System



Live video monitoring on a portable platform

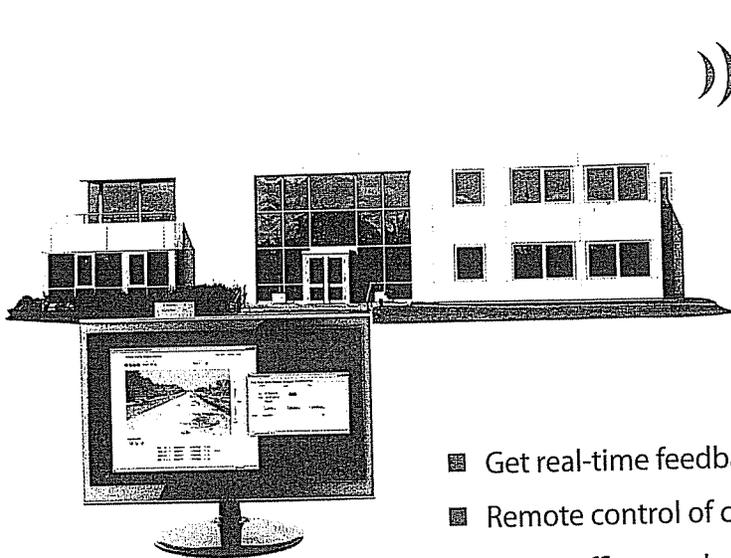
View traffic and road conditions in real-time from any monitoring center using remotely accessed live video and an Internet connection.



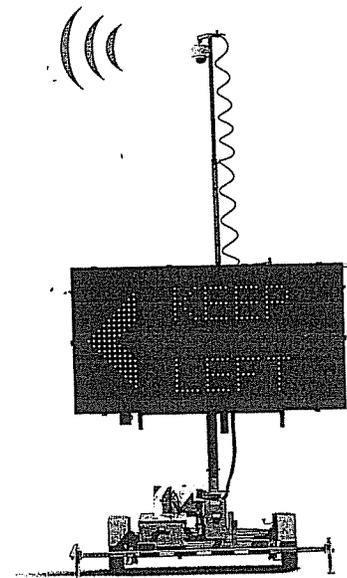
WANCO[®] Driving traffic safety.

800-972-0755
www.wanco.com

From your monitoring center, control and monitor the PTZ day/night video camera and message sign.



- Get real-time feedback with live video
- Remote control of camera's pan, tilt and zoom
- View traffic speeds using optional radar
- Check weather and actual ambient temperature
- See road conditions as they change
- Move the portable system between locations



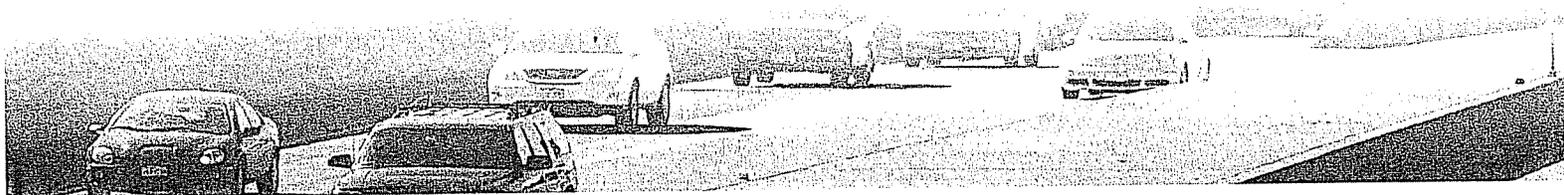
Remote-control system is feature rich and easy to use

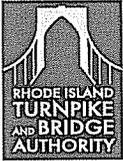
Communication with the Remote-Video Monitoring System (RVMS) is made possible using a computer, an Internet connection, and a cellular router installed at the message sign. Connect to the system from your office, a command center, or any Internet-enabled location.

With client software installed, you can access and control the RVMS video camera, message sign and accessories. Pan, tilt, and zoom the camera and modify the message displayed on the sign remotely, using your computer.

Monitor traffic speed using radar, map the camera and sign location with GPS data, view weather at the sign and more, all in real time.

The trailer is portable and can be towed by most vehicles. Once the destination has been reached, deploying the sign takes one person less than 10 minutes. The camera tower and message board can be raised and lowered independently, allowing you to use either one without the other turned on. The camera tower retracts fully, and the message board rests in a cradle when lowered, guarding against damage during transport and storage.





RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|--|
| AGENDA ITEM 9 | DATE PREPARED: January 29, 2016 | SUBJECT: TRAFFIC CONTROL MONITORS |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

RITBA currently rents traffic control speed signs for construction activity on the Pell Bridge and it has significantly reduced speeds.

Request Authority go out to bid to purchase two (2) machines to use for all construction activities throughout the system.

Financial Effect : NTE \$17,000.00

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| ROUTING | INITIALS | DATE | BOARD ACTION: |
|--|----------|---------|--|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p><input type="checkbox"/> TABLED: UNTIL _____</p> <p><input type="checkbox"/> DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p>APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><input type="checkbox"/> RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| √ ENGINEERING <i>ERIC OFFENBERG</i> | | 1/29/16 | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |

US and international radar-speed signs for neighborhoods and highways

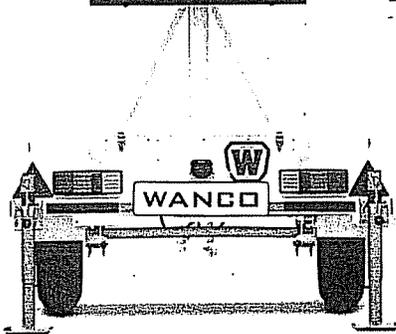
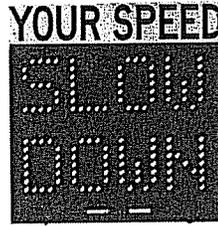
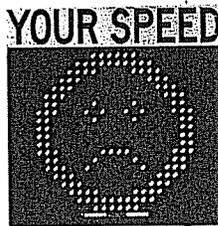
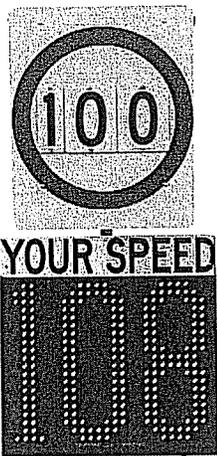
- Extra-large full-matrix display
- Selectable speed setting
- Streamlined see-through design
- Regulatory speed-limit sign
- Battery powered & solar charging

The Wanco radar-speed trailer features the largest portable speed sign available today. Visible over a standard Jersey barrier traffic divider, the giant display shows motorists' speed in 26-inch characters, which flash when a vehicle exceeds the user-set speed limit.

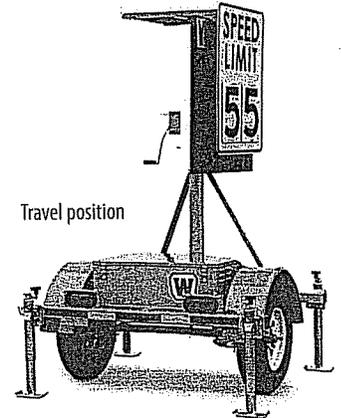
The selectable overspeed message flashes **SLOW DOWN** or a any of several preconfigured graphical symbols, together with optional red and blue flashing lights. The display can show motorists' speed in mph (one or two digits) or km/h (up to three digits).

A regulatory sign above the display features changeable speed-limit numbers for easy setup in any speed zone. The electronic display rotates to face traffic and includes visors and shades that produce superior visibility. The trailer's see-through design puts pedestrians in view, improving their safety—particularly in dangerous, high-risk areas. The solar-powered battery-charging system provides longer run times.

For more information, call **800.972.0755** or visit wanco.com.



International model



Trailer

| | |
|-----------------------------|------------------|
| Length without drawbar | 57 in. (143cm) |
| Width | 61 in. (154cm) |
| Operating height | 123 in. (312cm) |
| Height to bottom of display | 49 in. (124cm) |
| Height to bottom of sign | 87 in. (220cm) |
| Traveling height | 91 in. (231cm) |
| Weight, approx. | 870 lbs. (395kg) |

Signs

| | |
|--------------------|---|
| Electronic display | 36 x 36 in. (91 x 91cm) full-matrix display, 26-inch characters |
| Regulatory sign | 30 x 36 or 36 x 48 in., changeable speed-limit characters |

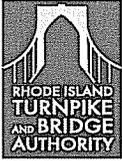
Power

Two 6 V dc batteries wired for 12-volt power, with solar-panel charging system; a four-battery configuration is optional

Due to Wanco's commitment to continuous improvement of our products, all information is subject to change without notice. Wanco and the Wanco logo are registered trademarks of Wanco Inc.



WANCO INC.
5870 Tennyson Street
Arvada, Colorado 80003
800-972-0755
303-427-5700
303-427-5725 fax
www.wanco.com



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|---|
| AGENDA ITEM <i>10</i> | DATE PREPARED: January 29, 2016 | SUBJECT: TASK ORDER FOR PARSONS – PREPARATION OF BRIDGE MAINTENANCE SPECIFICATIONS |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

RITBA has developed a bridge maintenance program (part of an overall Asset Management Program) to do the routine and minor maintenance on the bridges. This task order for Parsons will review all bridge inspection reports and develop specifications for RITBA personnel to perform this routine and minor work on the bridges.

Financial Effect : NTE \$57,000.00

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| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p>___ TABLED: UNTIL _____</p> <p>___ DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: right;">VOTE TAKEN: ___ YES ___ NO</p> <p style="text-align: right;">APPROVED: ___ YES ___ NO</p> <p>___ RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| √ ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | <i>1/29/16</i> | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |

PARSONS

100 High Street • Boston, Massachusetts 02110 • (617) 946-9400 • Fax (617) 946-9777 • www.parsons.com

January 28, 2016

Rhode Island Turnpike and Bridge Authority
P.O. Box 437
Jamestown, RI 02835

Attn: Eric Offenberg, PE

Re: GEC Contract 15-16
Task 1 – Maintenance Manuals
Scope and Fee Proposal

Eric:

Attached please find our scope and fee proposal for the first phase of Task 1 – Maintenance Manuals. Work we propose for this phase includes data collection, identification of a long list of maintenance work needs, and, working with RITBA, identification of a shortlist of maintenance work that can be undertaken by RITBA staff during the summer of 2016. The next phase will include development of detailed specifications for that shortlist of maintenance work items as a priority, along with identifying training, equipment and other needs for additional work items, and continuing development of the Manuals.

Feel free to call me at (617) 449-1596 if you have any questions or concerns.

Very truly yours,

Leslie Haines

Leslie A. Haines, PE
Project Manager



RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY

CONTRACT 15-16

GENERAL ENGINEERING CONSULTANT

TASK 1 – MAINTENANCE MANUALS

PROPOSAL FOR ENGINEERING SERVICES

January 28, 2016

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
CONTRACT 15-16
GENERAL ENGINEERING CONSULTANT
TASK 1 – MAINTENANCE MANUALS**

PROPOSAL FOR ENGINEERING SERVICES

OBJECTIVE

The overall, long term objective of Task 1 is to develop a general Bridge Maintenance Manual with specifications and maintenance procedures for routine maintenance work. The Manual is to be used as a reference guide to maintain and prolong the service life of system assets by RITBA's maintenance personnel.

Because no such manuals currently exist, the work will be progressed in phases. RITBA's first priority for the task is to develop procedures and specifications for maintenance tasks that can be undertaken by current RITBA personnel on the major bridge structures – Mount Hope Bridge, Newport/Pell Bridge, Sakonnet River Bridge and Jamestown Bridge during the summer of 2016. The first Phase of this work will include the work items described in the following paragraphs.

PROJECT MANAGEMENT

Parsons will coordinate and manage the overall work for this task, including management of subconsultants. Parsons will schedule a kick-off meeting to include the RITBA representative and Parsons staff undertaking the work. For efficiency sake, the kick-off will be scheduled at the beginning of the field data collection task. This scope includes two additional meetings, to discuss findings, review comments, and discuss the scope of the next phase of the work. These meetings may be in person, or via conference call/webex, as appropriate.

DATA COLLECTION

Parsons will collect all available data relevant to the condition and previous maintenance activities undertaken for the four major bridge structures, including:

- NBIS Bridge Reports
- Existing Bridge Plans
- Load Rating Summary Sheets
- Rehabilitation of Major Repair History

As part of the Data Collection phase, Parsons will also interview maintenance personnel to determine their work experience, capabilities and any specialized training/certifications that are held.

Parsons will also evaluate RITBA's equipment resources (vehicles, tools, etc.), perform a preliminary inventory of bridge components to identify element details corresponding to routine maintenance work needs, and evaluate accessibility conditions (catwalk, traveler, lifts, snoopers, etc.). Coordination with the RITBA Paint Manager/Contractor will also be part of this phase.

Maintenance work undertaken in the last two NBIS Inspection Report cycles will be documented and evaluated.

CLASSIFY / PRIORITIZE MAINTENANCE WORK NEEDS

Identified maintenance work needs will be classified as follows:

- Routine Maintenance – required preventative or corrective action activities performed at frequent and regular time intervals.
- Periodic Maintenance – required preventative or corrective action activities performed at recurring, but spaced pre-determined time intervals.
- Rehabilitation Work – necessary corrective action to renew an element's residual life at the end of the element's useful life or due to irreparable condition.

Identified maintenance needs work will also be prioritized as follows:

- Priority 1 – Repairs that must begin immediately to repair critical damage on the structure and to protect the safety of the travelling public. Typically this work is initiated immediately and work completed as soon as possible. Priority 1 work needs are completed within 60 days of issuance.
- Priority 2 – Repairs required to correct deficiencies or defects to protect the integrity of the structure or maintain a desired level of performance. This work is not as critical as Priority 1 work, but requires more immediate action than routine work. Priority 2 work is typically completed within 180 days of issuance.
- Priority 3 – Maintenance or repairs required to maintain an existing level of performance and prevent additional deterioration or to extend the service life of the structure. Priority 3 work is typically completed within one year of work order issuance.
- Priority 4 – Rehabilitation work required to maintain an existing level of performance and to extend the service life of the structure. Priority 4 work is typically scheduled as part of a five year maintenance plan.

PHASE 1 REPORT

Maintenance work needs will be correlated with capabilities of current RITBA staff, available RITBA equipment, accessibility requirements and other relevant factors. In conjunction with the RITBA Director of Engineering, a shortlist of maintenance work that could be undertaken during the summer of 2016 by current RITBA staff will be identified. A Draft Phase 1 Report will be provided documenting the results of the Data Collection, Classification and Prioritization work, and recommending the specific maintenance work needs that should be carried forward to the next phase, which will include development of detailed specifications for work items.

COST PROPOSAL

RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
CONTRACT 15-16
GENERAL ENGINEERING CONSULTANCY
TASK 1 - MAINTENANCE MANUALS - PHASE I

Cost Proposal For Engineering Services - Summary

| | <u>Total Hours</u> | <u>Total Cost</u> |
|---------------------------------|------------------------|-------------------|
| Parsons Labor * 2.44 multiplier | 173 | \$ 25,559 |
| Other Direct Costs | | |
| Travel | | \$ 3,154 |
| Subconsultants | | \$ 28,003 |
| Office Expenses | | \$ 15 |
| | Total | \$ 56,731 |

| | |
|--|------------------|
| Total Proposed Not to Exceed Amount | \$ 57,000 |
|--|------------------|

RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
 CONTRACT 15-16
 GENERAL ENGINEERING CONSULTANCY
 TASK 1 - MAINTENANCE MANUALS - PHASE I

PARSONS

Cost Proposal For Engineering Services - Summary

0

| Cost Proposal - Hourly Staffing | | | | | | | | | |
|--|---------------------|-----------------|------------------------|--------------|-------------|---------------|-------------------|--------------------|-------------------|
| Professional Class | Technical Oversight | Project Manager | Deputy Project Manager | Engineer III | Engineer II | CADD Operator | Clerical / Admin. | Direct Labor Hours | Direct Labor Cost |
| Hourly Rate | \$ 75.00 | \$ 75.00 | | \$ 50.00 | \$ 38.00 | \$ 30.00 | \$ 31.00 | | |
| Project Management | | | | | | | | | |
| Coordination/Management | | 12 | | | | | | 12 | \$ 900 |
| Meetings | | 12 | | | | | | 12 | \$ 900 |
| Data Collection | | | | | | | | | |
| Compile Inspection Reports, Plans, Documents | | 1 | | 8 | | | | 9 | \$ 475 |
| Field Review of Bridges (Including travel) | 28 | | | 28 | | | | 56 | \$ 3,500 |
| Coordinate with Paint Manager/Contractor | 4 | | | 4 | | | | 8 | \$ 500 |
| Interview Maintenance Staff | 8 | | | 8 | | | | 16 | \$ 1,000 |
| Identify/Classify Maintenance Activities | | | | | | | | | |
| Evaluate Maintenance Needs (last two NBIS inspection cycles) | | | | 24 | | | | 24 | \$ 1,200 |
| Classify / Prioritize Maintenance Work | | | | 4 | | | | 4 | \$ 200 |
| Identify Maintenance Activities for First Round of Manuals | | 2 | | 4 | | | | 6 | \$ 350 |
| First Phase Report | | | | | | | | | |
| Develop Draft Report Phase I | 2 | 1 | | 16 | | | | 19 | \$ 1,025 |
| Respond to Comments/Develop Final Report Phase I | 2 | 1 | | 4 | | | | 7 | \$ 425 |
| Totals | 44 | 29 | - | 100 | - | - | - | 173 | \$ 10,475 |
| Professional Class % of Total Payroll Factor 2.44 | 25% | 17% | 0% | 58% | 0% | 0% | 0% | | |
| Subtotal - Parsons Labor | | | | | | | | | \$ 25,559 |

| Other Direct Costs | | | | | Total Cost |
|--|----------------------------------|---------|-----------|--------------------|------------------|
| Item | Estimated Unit Rate and Quantity | | | | |
| Field Visit / Staff Interviews | | | | | |
| | # Miles/Nights/trip | # Trips | # People | Rate | |
| Mileage - Boston to Jamestown | 160 mi. round trip | 2 Trips | 1 Persons | \$ 0.54 per mile | \$ 173 |
| Gas/Tolls | \$5 per trip | 1 Trips | 2 Persons | \$ 350 per trip | \$ 350 |
| Lodging/Hotel | 5 Nights per trip | 1 Trips | 2 Persons | \$ 110 per day | \$ 1,100 |
| Per Diem | 3 Days per trip | 1 Trips | 2 Persons | \$ 59 per day | \$ 354 |
| | 1 Days per trip | 1 Trips | 2 Persons | \$ 44.25 first day | \$ 89 |
| | 1 Days per trip | 1 Trips | 2 Persons | \$ 44.25 last day | \$ 89 |
| Auto Rental | 5 Days per trip | 1 Trips | 2 Persons | \$ 100 per day | \$ 1,000 |
| SUBTOTAL = \$ 3,154 | | | | | |
| Subconsultants | | | | | |
| Marlin Engineering, Inc. | | | | | \$ 28,003 |
| SUBTOTAL = \$ 28,003 | | | | | |
| Office Expenses | | | | | |
| | # pages/set | # sets | | | |
| Printing | 8 1/2 x 11 | 30 Sets | 5 Sets | \$0.10 per page | \$ 15 |
| FedEx, etc. | 11x17 Drawings Estimate | | | | \$ - |
| SUBTOTAL = \$ 15 | | | | | |
| Subtotal - Parsons Other Direct Costs | | | | | \$ 31,172 |
| Total Parsons Labor + Direct Costs | | | | | \$ 56,731 |

RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
 CONTRACT 15-16
 GENERAL ENGINEERING CONSULTANCY
 TASK 1 - MAINTENANCE MANUALS - PHASE I



Cost Proposal For Engineering Services - Summary

| TASK 1 - MAINTENANCE MANUALS - PHASE I ESTIMATE | | | | | | | | |
|---|---------------------------|-------------------|--------------------------|-------------------|---------------------------|---------------|--------------------|--------------------|
| Scope of Work Activities | Man Hours | | | | | | Direct Labor Hours | Total Activity Fee |
| | Chief Engineer \$75.00 | | Lead Engineer \$50.00 | | Tech. Assistant \$0.00 | | | |
| | Man-Hours | Direct Salary | Man-Hours | Direct Salary | Man-Hours | Direct Salary | | |
| Data Collection | | | | | | | | |
| Compile Inspection Reports, Plans, Documents | | | | | | | | |
| Field Review of Bridges (including travel) | 28 | | | | | | | |
| Coordinate with Point Manager/Contractor | 4 | | | | | | | |
| Interview Maintenance Staff | 8 | | | | | | | |
| Identify / Classify Maintenance Activities | | | | | | | | |
| Evaluate Maintenance Needs (last two NBIS inspection cycles) and Development of Spreadsheet | 16 | | 80 | | | | | |
| Classify / Prioritize Maintenance Work | 6 | | 8 | | | | | |
| Identify Maintenance Activities for First Round of Manuals | 6 | | 8 | | | | | |
| First Phase Report | | | | | | | | |
| Develop Draft Report Phase I | 8 | | | | | | | |
| Respond to Comments/Develop Final Report Phase I | 4 | | | | | | | |
| Total | 80.00 | \$6,000.00 | 96.00 | \$4,800.00 | 0.00 | \$0.00 | 176.00 | 10800.00 |
| Payroll Factor | | | | | | | | 2.44 |
| Subtotal - Direct Labor | | | | | | | | \$ 26,352 |

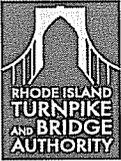
| Item | Other Direct Costs | | | | Total Cost |
|---|----------------------------------|---------|-----------|--|------------------|
| | Estimated Unit Rate and Quantity | | | | |
| Field Visit / Staff Interviews | # Nights/Trip | # Trips | # People | Rate | |
| Gas/Tolls/Airfare | | 1 Trips | 1 Persons | \$ 350 per Trip | \$ 350 |
| Lodging/Hotel | 5 Nights per trip | 1 Trips | 1 Persons | \$ 107 per day | \$ 535 |
| Per Diem | 3 Days per trip | 1 Trips | 1 Persons | \$ 59 per day | \$ 177 |
| | 1 Days per trip | 1 Trips | 1 Persons | \$ 44.25 per day (1st day) | \$ 44 |
| | 1 Days per trip | 1 Trips | 1 Persons | \$ 44.25 per day (Last day) | \$ 44 |
| Auto Rental | 5 Days per trip | 1 Trips | 1 Persons | \$ 100 per day | \$ 500 |
| | | | | SUBTOTAL = \$ | 1,651 |
| Office Expenses | # pages/set | # sets | | | |
| Printing | | | | \$0.00 per page | \$ - |
| | | | | \$0.00 per sheet | \$ - |
| FedEx, etc. | Estimate | | | | \$ - |
| | | | | SUBTOTAL = \$ | - |
| Subtotal - Marlin Other Direct Costs | | | | | \$ 1,651 |
| | | | | Total Marlin Labor + Direct Costs | \$ 28,003 |

General Services Administration 2016 Lodging & Per Diem Rates Jamestown/Middletown/Newport

| | | |
|---------------|-----------|-------------------|
| Max. Lodging | Jan - May | \$107 |
| (excl. taxes) | Jun - Aug | \$192 |
| | Sept | \$166 |
| | Oct - Dec | Not Published yet |

| | |
|----------|--------------------------|
| Per Diem | \$59 |
| | \$44.25 First & Last Day |

| | |
|----------------|--------|
| Mileage | \$0.54 |
| (Private Veh.) | |



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|---|
| AGENDA ITEM // | DATE PREPARED: January 29, 2016 | SUBJECT: ASSET MANAGEMENT PROGRAM CONTINUATION OF PILOT PROJECT – TASK ORDER TO WSP/PB |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

RITBA has started an Asset Management Program to ensure adequate maintenance of all facilities as well as ensure longevity of the system and minimize “major” restoration and rehabilitation projects. RITBA anticipates saving 10 – 15% of its capital budget through implementation of this program.

Request approval of Phase II of the program by PB/WSP.

Financial Effect : NTE: \$150,000.00

Instructions: The individual named at the top of this page as “preparer” indicates in boxes below which individuals and departments are to review and approve this document and its corresponding support (if applicable) prior to distribution to Board members. Then, each individual places his or her initials and date in the appropriate space in evidence of their review.

| ROUTING | INITIALS | DATE | BOARD ACTION: |
|--|-----------|---------|--|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p>___ TABLED: UNTIL _____</p> <p>___ DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: ___ YES ___ NO</p> <p>APPROVED: ___ YES ___ NO</p> <p>___ RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| √ ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | 1/29/16 | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |



Rhode Island Turnpike and Bridge Authority
Contract 15-16 On-Call Professional Engineering Services
Task 3 – Development and Implementation of Asset
Management Program for RITBA
Phase 2
Proposal for Engineering Services

Submitted to:
Mr. Eric Offenberg, P.E.
Director of Engineering
Rhode Island Turnpike and Bridge Authority
1 East Shore Road, P. O. Box 437
Jamestown, Rhode Island 02835

Submitted by:
WSP | Parsons Brinckerhoff
75 Arlington Street
Boston, MA

January, 2016

January 29, 2016

Mr. Eric Offenberg, P.E.
Director of Engineering
Rhode Island Turnpike and Bridge Authority
Newport/Pell Bridge
1 East Shore Road, P.O. 437
Jamestown, RI 02835

**RE: Contract 15-16 On-Call Professional Engineering Services
Task 3 – Development and Implementation of Asset Management Program
for RITBA – Phase 2**

SUBJECT: Task 3 Professional Services Cost Proposal

Dear Mr. Offenburg:

We are pleased to submit this proposal for Professional Services for the development and implementation of Phase 2 of the RITBA Asset Management Program. Included in our proposal are the following:

- Scope of Work
- Staffing and Schedule
- Cost Proposal

The overall cost estimate for performing the work is \$150,000

We trust that the information provided herein is complete and satisfactory, and thank you for the continued opportunity to provide services to the Authority. We look forward to a successful project completion.

Very truly yours,



Parsons Brinckerhoff
Debra Moolin, P.E.
Project Manager

cc:
F. Maybury
R. O'brien
File

SCOPE OF WORK

INTRODUCTION

The Rhode Island Turnpike and Bridge Authority (RITBA) Ten Year Plan includes a phased approach to the development and implementation of an agency wide Asset Management Program (AMP). AMP's have a track record of providing a 10% savings on maintenance and capital plans – which translates to a \$20M savings for the RITBA over 20 years. The savings are realized through the collection of real data and the development of tools to utilize that data to identify savings in the allocation of manpower, equipment and other RITBA resources. The AMP is being developed by WSP|PB working closely with RITBA to produce a system that is tailored to the needs of the RITBA and will be transferred fully to the RITBA for independent use in the future.

This proposal identifies efforts that are planned to be performed by RITBA staff to both control costs and provide direct experience and understanding of the AMP tools by RITBA.

Phase 1 of the AMP was completed in 2015 and included:

- Data gathering through LiDAR scanning of the Newport Bridge roadway, development of inventory database of the roadway elements and tracking of maintenance performed
- Pilot AMP for landscaping work at all facilities including development of inventory database and tools for real time data collection by maintenance staff in the field and tools for utilizing the data to make asset management decisions at the management level

Phase 2 – the work to be performed under this project will include the full implementation of the landscaping AMP developed under Phase 1, and the development and implementation of a Pilot AMP for the Newport Bridge structural and security elements, a Pilot tool developed to support Operations and Financial functions. The Scope of Work for Phase 2 is described in detail below.

PHASE 2 SCOPE OF WORK – NEWPORT/PELL BRIDGE FACILITY

Task 1: Implementation of Landscaping Asset Management based on Pilot Program developed under Phase 1 of the Asset Management Development

- Procure BlueBeam Software with licenses (3 tablets with Bluebeam Revu Application and Bluebeam on 3 PCs)
- Procure 3 Tablets
- Install Bluebeam software on tablets– RITBA IT to install on RITBA PC'S
- Prepare/Update PDF's and Bluebeam interface for use by Maintenance Staff. This work will be performed by RITBA staff under direction of WSP|PB.
- Update Landscaping Inventory Database. This work will be performed by RITBA staff under direction of WSP|PB.

- Interviews with Director of Maintenance and Director of Engineering to identify database tools/reporting to be developed/supported by Database
- Develop Maintenance Database to produce/support tools and analysis
- Prepare training presentation and train RITBA Database Administrator and other RITBA designees in use, updating, reporting, analysis tools, and maintenance of Database
- Provide support to RITBA in the administration and utilization of the Database as an asset management tool During 2016
- Review the database and Bluebeam tools at the end of 2016 and interview Director of Engineering, Director of Maintenance and Maintenance Staff to identify gaps/improvements.

Task 2: Newport/Pell Bridge Inventory and Maintenance Database

- Limits from west abutment of Structure E to east emergency turnaround at east approach.
- Focus on structural and bridge related electrical elements: Bridge superstructure and substructure, bridge deck, bridge lighting (roadway, necklace, anchorage, bridge barrier/railing/walkway/, bridge deck joints, approach roadways.
- Interview Director of Engineering, Director of Maintenance (and Maintenance Staff as required), Consultant performing bridge inspection to identify key elements for maintenance tracking, gaps in current practice, analysis/tracking tools to be included/supported in Inventory and Maintenance database.
- Review RIDOT approach to Inventory of bridge elements for possible coordination of approach
- Prepare Inventory Database including the elements noted above and incorporate roadway element inventory database (roadway elements inventory was previously prepared by PB under another project). This work will be performed by RITBA staff under direction of WSP|PB.
- Coordinate with Inspection Consultant to provide initial condition ratings.
- Inventory data will include: element type, quantity, age, material, condition rating (where available), data from most recent inspection on defect type, location and quantity, link to photographs of defects from most recent inspection, data on repair type and date (where data is available)
- Superstructure steel primary members at a single girder span and single deck truss panel and single suspended span panel will include links to original construction drawing and shop drawing as a pilot to determine the level of effort of this work. It is anticipated that RITBA interns can complete application of this to the remainder of the bridge structural elements as desired by RITBA under a separate effort from this Task Order.
- Prepare Bluebeam supported maintenance/repair tracking for painting of railings; railing repairs; joint repairs; deck patching; roadway lighting and necklace lighting electrical repairs/maintenance; greasing of pins, median

barrier segment repairs/maintenance; bridge washing; joint and scupper cleaning. This work will be developed by WSP|PB and then performed by RITBA staff under direction of WSP|PB.

- Develop Maintenance database to produce/support tools and analysis identified under subtasks above
- Prepare Database and Bluebeam Training Presentations and train RITBA Database Administrator, Director of Engineering and key Maintenance Staff in use, updating, reporting, and analysis tools
- Provide Support to RITBA in the administration and utilization of the Databases as an asset management tool under a Pilot Program in 2016
- Review the database and Bluebeam tools at the end of 2016 and interview Director of Engineering, Director of Maintenance and Maintenance Staff to identify gaps/improvements.

Task 3: Newport/Pell Facility Security Inventory and Maintenance Database

- Includes security lights and cameras at the Newport/Pell Facility.
- Interview Director of Engineering, Director of Operations (and Maintenance Staff as required), to identify key elements for maintenance tracking, gaps in current practice, analysis/tracking tools to be included/supported in Inventory and Maintenance database.
- Prepare Inventory Database including the elements noted above. This work will be developed by WSP|PB and then performed by RITBA staff under direction of WSP|PB.
- Coordinate with RITBA Maintenance/Security staff to provide initial condition ratings.
- Inventory data will include: element location, type, manufacturer, quantity, age, material, condition rating (where available), data from most recent inspection on defect type, location and quantity, link to photographs of defects from most recent inspection, data on repair type and date (where data is available)
- Prepare maintenance/repair tracking approach – Bluebeam or other as identified during interviews – monitoring, tracking, repairs, maintenance of inventoried items.
- Develop Maintenance database to produce/support tools and analysis identified under subtasks above
- Prepare training presentation and train RITBA Database Administrator, key Maintenance staff and Director of Operations in use, updating, reporting, analysis tools
- Provide Support to RITBA in the administration and utilization of the Databases as an asset management tool under a Pilot Program in 2016
- Review the database and Bluebeam tools at the end of 2016 and interview Director of Engineering, Director of Security/Operations and Maintenance

Staff to identify gaps/improvements.

Task 4: Newport/Pell Facility Operations Asset Management Database – Pilot Program

- Pilot program for operations anticipated to address toll plaza lane and gate issues.
- Interview Director of Engineering, Director of Operations (and Maintenance Staff as required), to identify key elements for maintenance tracking, gaps in current practice, analysis/tracking tools to be included/supported in Inventory and Maintenance database. Elements anticipated to include toll plaza booths, gates, lanes, incident reporting
- Prepare Inventory Database including the elements noted above.
- Coordinate with RITBA Maintenance/Operations staff to provide initial condition ratings.
- Inventory data will include: element location, type, manufacturer, quantity, age, material, condition rating (where available), data from most recent inspection on defect type, location and quantity, link to photographs of defects from most recent inspection, data on repair type and date (where data is available), incident reports
- Prepare maintenance/repair tracking approach – Bluebeam or other as identified during interviews – monitoring, tracking, repairs, maintenance of inventoried items.
- Develop Maintenance database to produce/support tools and analysis identified under subtasks above
- Prepare Training Presentation and train RITBA Database Administrator, key Maintenance Staff and Director of Operations in use, updating, reporting, analysis tools
- Provide Support to RITBA in the administration and utilization of the Databases as an asset management tool under a Pilot Program in 2016
- Review the database and Bluebeam tools at the end of 2016 and interview Director of Engineering, Director of Operations and Maintenance Staff to identify gaps/improvements.

Task 5: RITBA Financial/Administration – Pilot Program

- Pilot program for financial/contract/administration functions anticipated to focus on tracking of Service Agreements.
- Interview Director of Engineering, Director of Finance (and Administrative Staff as required), to identify gaps in current tools for maintaining Service Agreements.
- Prepare Inventory Database of Service Agreements. Inventory data will

include the following data as provided by RITBA: Agreement type, title, start/end dates, key dates, key data for maintenance of agreement (contact information, limits, SOW, financial terms)

- Develop Maintenance database to produce/support tools and analysis of agreement updates/renewals, bids, costs, tracking of utilization of agreement (visits and costs)
 - Prepare Training Presentation and train RITBA Database Administrator and other RITBA designees in use, updating, reporting, analysis tools
 - Provide Support to RITBA in the administration and utilization of the Databases as an asset management tool under a Pilot Program in 2016
 - Review the database tool at the end of 2016 and interview Director of Engineering, Director of Finance and Administration Staff to identify gaps/improvements.
-
- Deliverables will be:
 - Inventory and Maintenance databases identified in above Tasks
 - Reports on interviews/reviews with RITBA Staff
 - Updated Inventory and Maintenance databases identified in above Tasks

STAFFING AND SCHEDULE

The Task Manager for this project will be Filomena Maybury. The Project Manager, WSP|PB staff familiar with the Newport/Pell Facility and involved in the roadway database preparation and the Landscaping Phase 1 of the Asset Management program will be involved including Debra Moolin, Matthew McNally, Kelsey Korona, Jean Davillus, Larry Taylor and Roger Haight.

We anticipate the following schedule:

- Notice to Proceed – February 4, 2016
- Preparation for Landscaping Maintenance Tracking – Completed March 25, 2016
- Tasks 1 through 5:
 - Start February 8, 2016
 - Interviews completed by March 31, 2016
 - Inventory Databases completed by June 24, 2016
 - Maintenance Databases completed by June 24, 2016
 - Pilot Programs training and implementation July-September 2016

- o Review of analysis tools August-October 2016
- o Interviews/identification of improvements/updates November-December 2016,

COST PROPOSAL

The fee is based on direct labor plus overhead and profit, calculated as a 2.7 multiple of labor. Direct expenses are reimbursed at cost. These rates are based on our General Services Agreement with the Authority. Our cost proposal is summarized on the attached tables:

- Overall Cost Summary
Labor Hours Backup
- Direct Expenses Backup

The overall proposed cost for the work is \$150,000

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
SUMMARY OF TASKS

| TASK | MANHOURS | | | | | | TOTAL |
|--|-----------|------------|------------|------------|------------|------------|--------------|
| | PM/SR ENG | TM/SR ENG | ENG 1 | ENG 2 | ENG 1 | ENG 2 | |
| TASK 1 - LANDSCAPE ASSET MANAGEMENT | 6 | 12 | 90 | 184 | 90 | 184 | 292 |
| TASK 2 - BRIDGE INVENTORY & MAINTENANCE DATABASE | 14 | 60 | 162 | 264 | | | 500 |
| TASK 3 - SECURITY INVENTORY & MAINTENANCE DATABASE | 6 | 14 | 72 | 120 | | | 212 |
| TASK 4 - OPERATIONS DATABASE - PILOT | 4 | 8 | 36 | 120 | | | 168 |
| TASK 5 - FINANCIAL/ADMINISTRATION DATABASE - PILOT PROGRAM | 4 | 14 | 34 | 112 | | | 164 |
| TOTAL | 34 | 108 | 394 | 800 | 394 | 800 | 1,336 |
| Rate | \$75 | \$59 | \$45 | \$32 | | | |
| Estimate Direct Labor | \$2,550 | \$6,372 | \$17,730 | \$25,600 | | | \$52,252 |

| | |
|---------------------------------|----------|
| Total Direct Labor | \$52,252 |
| Overhead and Profit = DTL x 1.7 | \$88,828 |

| | |
|---------------------------------|------------------|
| Total Estimated Labor Costs | \$141,080 |
| Total Estimated Direct Expenses | \$8,470 |
| TOTAL ESTIMATED COST | \$149,550 |
| SAY | \$150,000 |

**TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
 PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
 PROPOSAL FOR PROFESSIONAL SERVICES
 TASK 1 MANHOURS**

| TASK | MANHOURS | | | | TOTAL | NOTES |
|---|-----------|-----------|-----------|------------|------------|---|
| | PM/SR ENG | TM/SR ENG | ENG 1 | ENG 2 | | |
| TASK 1 - LANDSCAPE ASSET MANAGEMENT | | | | | | |
| Procure and Install Bluebeam Software and Tablets | | | 2 | 24 | 26 | RITBA TO INSTALL ON RITBA PCS |
| Update PDFs for Bluebeam Interface | | 2 | 8 | 24 | 34 | RITBA Staff to update under direction of WSP PB |
| Update Inventory Database | | 2 | 8 | 24 | 34 | RITBA Staff to update under direction of WSP PB |
| Interviews | 2 | 2 | 8 | 8 | 20 | |
| Develop Maintenance Database tools | 2 | 2 | 16 | 40 | 60 | |
| Prepare Training Presentation | | | 8 | 16 | 24 | |
| Training Update | | | 8 | 8 | 16 | |
| Support | | 2 | 24 | 24 | 50 | |
| Review performance and identify improvements | 2 | 2 | 8 | 16 | 28 | |
| TOTAL | 6 | 12 | 90 | 184 | 292 | |
| Rate | \$75 | \$59 | \$45 | \$32 | | |
| Estimate Direct Labor | \$450 | \$708 | \$4,050 | \$5,888 | \$11,096 | |

| | |
|---------------------------------|----------|
| Total Direct Labor | \$11,096 |
| Overhead and Profit = DTL x 1.7 | \$18,863 |

| | |
|------------------------------------|-----------------|
| Total Estimated Labor Costs | \$29,959 |
| Total Estimated Direct Expenses | \$6,520 |
| Total Estimated Cost Task 1 | \$36,479 |

RITBA CONTRACT 15-16
 TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
 PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
 PROPOSAL FOR PROFESSIONAL SERVICES
 TASK 2 MANHOURS

| TASK | MANHOURS | | | | | TOTAL | NOTES |
|---|-----------|-----------|------------|------------|------------|---|-------|
| | PM/SR ENG | TM/SR ENG | ENG 1 | ENG 2 | TOTAL | | |
| TASK 2 - BRIDGE INVENTORY & MAINTENANCE DATABASE | | | | | | | |
| Interviews to identify key elements | 4 | 4 | 8 | 8 | 24 | | |
| Review RIDOT approach for coordination | | | 2 | 8 | 10 | | |
| Prepare Inventory Database | 2 | 8 | 8 | 24 | 42 | RITBA staff perform - oversight by WSP PB | |
| Coordinate with Insp Consultant and apply condition ratings | | 4 | 8 | 24 | 36 | | |
| Link database with inspection photos | | | 16 | 24 | 40 | RITBA staff perform - oversight by WSP PB | |
| Link identified database elements with construction and shop drawings | | | 16 | 24 | 40 | RITBA staff perform - oversight by WSP PB | |
| Prepare PDFs for Bluebeam Maintenance Tracking | 2 | 8 | 16 | 24 | 50 | RITBA staff perform - oversight by WSP PB | |
| Develop Maintenance Database | | 16 | 24 | 40 | 80 | | |
| Prepare Training Presentation | 2 | 4 | 8 | 24 | 38 | | |
| Train RITBA Database Administrator, Director of Engineering and key Maintenance Staff | | 8 | 16 | 24 | 48 | | |
| 2016 Support | 2 | 4 | 24 | 24 | 54 | | |
| Review performance and identify improvements | 2 | 4 | 16 | 16 | 38 | | |
| TOTAL | 14 | 60 | 162 | 264 | 500 | | |

| | | | | |
|----------------------------|---------|---------|---------|----------|
| Rate | \$75 | \$59 | \$45 | \$32 |
| Estimate Direct Labor (PB) | \$1,050 | \$3,540 | \$7,290 | \$8,448 |
| | | | | \$20,328 |

| | |
|---------------------------------|----------|
| Total Direct Labor | \$20,328 |
| Overhead and Profit = DTL x 1.7 | \$34,558 |

| | |
|------------------------------------|-----------------|
| Total Estimated Labor Costs | \$54,886 |
| Total Estimated Direct Expenses | \$750 |
| Total Estimated Cost Task 2 | \$55,636 |

RITBA CONTRACT 15-16
 TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
 PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
 PROPOSAL FOR PROFESSIONAL SERVICES
 TASK 3 MANHOURS

| TASK | MANHOURS | | | | | NOTES |
|---|----------|-----------|-----------|------------|------------|---|
| | PM/SR | ENG | T/M/SR | ENG | TOTAL | |
| TASK 3 - SECURITY INVENTORY & MAINTENANCE DATABASE | | | | | | |
| Interviews | 2 | | 2 | 4 | 8 | 16 |
| Prepare Inventory Database | | | 2 | 8 | 16 | RITBA staff to prepare under PB oversight |
| Condition Ratings | | | 2 | 4 | 8 | 14 |
| Links to Inspection Photos | | | | | 4 | RITBA staff to prepare under PB oversight |
| Prepare Maintenance/Repair Tracking | 2 | | 4 | 24 | 24 | 54 |
| Develop Maintenance Database | | | | 8 | 24 | 32 |
| Prepare Training Presentation | | | | 8 | 16 | 24 |
| Training | 2 | | 2 | 4 | 8 | 16 |
| Support | | | | 8 | 8 | 16 |
| Review performance and identify improvements | | | 2 | 4 | 4 | 10 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| Total | 6 | 14 | 72 | 120 | 212 | |

| | | | | |
|-----------------------|-------|-------|---------|----------------|
| Rate | \$75 | \$59 | \$45 | \$32 |
| Estimate Direct Labor | \$450 | \$826 | \$3,240 | \$3,840 |
| Total | | | | \$8,356 |

| | |
|---------------------------------|----------|
| Total Direct Labor | \$8,356 |
| Overhead and Profit = DTL x 1.7 | \$14,205 |

| | |
|------------------------------------|-----------------|
| Total Estimated Labor Costs | \$22,561 |
| Total Estimated Direct Expenses | \$300 |
| Total Estimated Cost Task 3 | \$22,861 |

RITBA CONTRACT 15-16
 TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
 PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
 PROPOSAL FOR PROFESSIONAL SERVICES
 TASK 4 MANHOURS

| TASK | MANHOURS | | | | | TOTAL |
|---|----------|----------|----------|-----------|------------|------------|
| | PM/SR | ENG | TM/SR | ENG | ENG 1 | |
| TASK 4 - OPERATIONS DATABASE - PILOT | | | | | | |
| Interviews | | | | 2 | 4 | 8 |
| Prepare Inventory Database | | | | 2 | 8 | 16 |
| Condition Ratings | | | | 2 | 8 | 10 |
| Link to Inspection Photographs | | | | | | 8 |
| Maintenance Database | | | | 4 | 24 | 28 |
| Maintenance Tracking | | | | 4 | 24 | 28 |
| Prepare Training Presentation | | | | 4 | 8 | 12 |
| Training | | | 2 | 2 | 4 | 8 |
| Rewview Performance | | | 2 | 2 | 4 | 8 |
| Support | | | | 2 | 8 | 10 |
| | | | | | | 0 |
| | | | | | | 0 |
| | | | | | | 0 |
| Total | 4 | 8 | 8 | 36 | 120 | 168 |

| | | | | |
|-----------------------|-------|-------|---------|---------|
| Rate | \$75 | \$59 | \$45 | \$32 |
| Estimate Direct Labor | \$300 | \$472 | \$1,620 | \$3,840 |

| | |
|---------------------------------|----------|
| Total Direct Labor | \$6,232 |
| Overhead and Profit = DTL x 1.7 | \$10,594 |

| | |
|------------------------------------|-----------------|
| Total Estimated Labor Costs | \$16,826 |
| Total Estimated Direct Expenses | \$450 |
| Total Estimated Cost Task 4 | \$17,276 |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK 5 - FINANCIAL/ADMINISTRATION DATABASE - PILOT PROGRAM

| TASK | MANHOURS | | | | NOTES |
|---|----------|-----------|-----------|------------|------------|
| | PM/SR | ENG | ENG 1 | ENG 2 | |
| TASK 5 - FINANCIAL/ADMINISTRATION DATABASE - PILOT PROGRAM | | | | | |
| Interviews | | 2 | 4 | 16 | 22 |
| Prepare Inventory Database | | 2 | 2 | 16 | 20 |
| Maintenance Database | | 2 | 4 | 24 | 30 |
| Maintenance Tracking | | 2 | 4 | 24 | 30 |
| Prepare Training Presentation | | 2 | 4 | 8 | 14 |
| Training | 2 | 2 | 4 | 8 | 14 |
| Support | | | 8 | 8 | |
| Rewview Performance | 2 | 2 | 4 | 8 | 14 |
| | | | | | 0 |
| | | | | | 0 |
| | | | | | 0 |
| | | | | | 0 |
| Total | 4 | 14 | 34 | 112 | 164 |

| | | | | |
|--|-----------------|-------|---------|---------|
| Rate | \$75 | \$59 | \$45 | \$32 |
| Estimate Direct Labor | \$300 | \$826 | \$1,530 | \$3,584 |
| Total Direct Labor | \$6,240 | | | |
| Overhead and Profit = DTL x 1.7 | \$10,608 | | | |
| Total Estimated Labor Costs | \$16,848 | | | |
| Total Estimated Direct Expenses | \$450 | | | |
| Total Estimated Cost Task 4 | \$17,298 | | | |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK I DIRECT EXPENSES

| ITEM DESCRIPTION | UNIT COST | QUANTITY | TOTAL COST |
|-------------------------------------|------------|----------|----------------|
| Travel | | | |
| Tolls and Gasoline | \$30.00 | 4 EA | \$120 |
| Rental Car or Mileage for Meetings | \$100.00 | 4 EA | \$400 |
| Procure Software and Tablets | \$6,000.00 | 1 LS | \$6,000 |
| Subtotal | | | \$6,520 |
| | | | |
| | | | |
| TOTAL TASK 1 DIRECT EXPENSES | | | \$6,520 |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK 2 DIRECT EXPENSES

| ITEM DESCRIPTION | UNIT COST | QUANTITY | TOTAL COST |
|-------------------------------------|-----------|----------|--------------|
| | | | \$0 |
| Travel | \$150.00 | 5 LS | \$750 |
| Subtotal | | | \$750 |
| | | | |
| TOTAL TASK 2 DIRECT EXPENSES | | | \$750 |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK 3 DIRECT EXPENSES

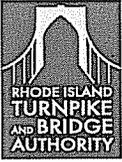
| ITEM DESCRIPTION | UNIT COST | QUANTITY | TOTAL COST |
|-------------------------------------|-----------|----------|--------------|
| | | | |
| | | | |
| Travel | \$150.00 | 2 LS | \$300 |
| | | | |
| | | | |
| Subtotal | | | \$300 |
| | | | |
| TOTAL TASK 3 DIRECT EXPENSES | | | \$300 |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK 4 DIRECT EXPENSES

| ITEM DESCRIPTION | UNIT COST | QUANTITY | TOTAL COST |
|-------------------------------------|-----------|----------|--------------|
| | | | |
| Travel | \$150.00 | 3 LS | \$450 |
| TOTAL TASK 4 DIRECT EXPENSES | | | \$450 |

RITBA CONTRACT 15-16
TASK ORDER 3 - DEVELOPMENT AND IMPLEMENTATION OF ASSET MANAGEMENT SYSTEM
PHASE 2 - NEWPORT/PELL BRIDGE FACILITY
PROPOSAL FOR PROFESSIONAL SERVICES
TASK 5 DIRECT EXPENSES

| ITEM DESCRIPTION | UNIT COST | QUANTITY | TOTAL COST |
|-------------------------------------|-----------|----------|--------------|
| | | | |
| Travel | \$150.00 | 3 LS | \$450 |
| TOTAL TASK 5 DIRECT EXPENSES | | | \$450 |



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|---|---|--|
| AGENDA ITEM <i>12</i> | DATE PREPARED: January 29, 2016 | SUBJECT: CHANGE ORDER FOR CONTRACT 12-1- AETNA BRIDGE – ON-CALL ROAD & BRIDGE MAINTENANCE |
| FOR THE MEETING OF: February, 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

Aetna Bridge is currently entering the last year of a four (4) year maintenance contract. During 2015, this contract was used to fund emergency work on the Jamestown and Mt Hope Bridges, therefore not leaving enough funds for the 2016 planned work. A change order is requested to cover this work.

Financial Effect : NTE \$641,329.00

Instructions: The individual named at the top of this page as “preparer” indicates in boxes below which individuals and departments are to review and approve this document and its corresponding support (if applicable) prior to distribution to Board members. Then, each individual places his or her initials and date in the appropriate space in evidence of their review.

| ROUTING | INITIALS | DATE | BOARD ACTION: |
|---|-----------|----------------|---|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p>___ TABLED: UNTIL _____</p> <p>___ DISCUSSED: <i>Action Taken:</i></p> <p>VOTE TAKEN: ___ YES ___ NO</p> <p>APPROVED: ___ YES ___ NO</p> <p>___ RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| √ ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | <i>1/29/16</i> | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |
| | | | |

**RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
CONTRACT 12-1 ROADWAY REPAIRS/ON-CALL MAINTENANCE FOR THE NEWPORT/PELL BRIDGE
REVIEW OF 2016 ESTIMATED QUANTITIES AND TOTAL CONTRACT COST**

| Bid Item | Item Description | Contract Quantities and Cost | | | Actual Quantity and Cost To Date - FINAL COST | | | Estimated Cost at Contract Completion | | | Estimated Cost at end of 2016 | | |
|----------|--|------------------------------|------|-----------------|---|----------|--------------|---------------------------------------|----------------------|--------------------|-------------------------------|----------------------|--------------------|
| | | Contract Quantity | Unit | Unit Price/Unit | Cost | Quantity | Cost | % Complete | Estimated Final Cost | % of Contract Cost | 2016 Qty's | Total Cost Thru 2014 | % of Contract Cost |
| 1 | PERFORMANCE BOND | 1 | LS | \$ 19,964.00 | \$ 19,964.00 | 1 | \$ 15,594 | 100% | \$ 15,594 | 78% | \$ 15,594 | 78% | |
| 2 | PAYMENT BOND | 1 | LS | \$ 20,000.00 | \$ 20,000.00 | 1 | \$ 15,594 | 100% | \$ 15,594 | 78% | \$ 15,594 | 78% | |
| 3 | STRUCTURE E/ EAST SHORE ROAD CONCRETE PAVER SLOPE REPAIR | 60 | SY | \$ 200.00 | \$ 12,000.00 | 0 | \$ - | 0% | \$ - | 0% | \$ - | 0% | |
| 4 | CERTIFICATION OF LIFELINES | 2 | EACH | \$ 10,000.00 | \$ 20,000.00 | 2 | \$ 20,000 | 100% | \$ 20,000 | 100% | \$ 20,000 | 100% | |
| 5 | PRESSURE WASHING OF STRUCTURE | 150 | SF | \$ 60,000.00 | \$ 9,000,000.00 | 2 | \$ 120,000 | 100% | \$ 120,000 | 100% | \$ 120,000 | 100% | |
| 6 | PRESSURE WASHING OF STRUCTURE | 2 | EACH | \$ 80,000.00 | \$ 160,000.00 | 2 | \$ 120,000 | 100% | \$ 120,000 | 100% | \$ 120,000 | 100% | |
| 7 | PRESTRESSED BEAM SPAN SHALLOW SPALL REPAIRS | 230 | SF | \$ 550.00 | \$ 126,500.00 | 65.75 | \$ 36,162.50 | 100% | \$ 36,162.50 | 56% | \$ 244,431 | 118% | |
| 8 | PRESTRESSED BEAM SPAN DEEP SPALL REPAIRS | 200 | SF | \$ 900.00 | \$ 180,000.00 | 271.59 | \$ 244,431 | 100% | \$ 244,431 | 136% | \$ 165,000 | 107% | |
| 9 | INSTALL GLASS FIBER WRAP AT PRESTRESSED BEAMS | 69 | EA | \$ 2,500.00 | \$ 172,500.00 | 74 | \$ 185,000 | 100% | \$ 185,000 | 107% | \$ 165,000 | 104% | |
| 10 | PIER DEEP SPALL REPAIRS | 40 | SF | \$ 975.00 | \$ 39,000.00 | 99.5 | \$ 96,938 | 100% | \$ 96,938 | 246% | \$ 96,038 | 246% | |
| 11 | PIER SHALLOW SPALL REPAIRS | 80 | SF | \$ 600.00 | \$ 48,000.00 | 44.64 | \$ 26,784 | 100% | \$ 26,784 | 34% | \$ 25,200 | 34% | |
| 12 | PIER UNDERWATER REPAIRS | 30 | CF | \$ 2,500.00 | \$ 75,000.00 | 10.08 | \$ 25,200 | 100% | \$ 25,200 | 34% | \$ 25,200 | 34% | |
| 13 | MISCELLANEOUS DEEP SPALL REPAIRS | 50 | SF | \$ 950.00 | \$ 47,500.00 | 5.65 | \$ 5,368 | 100% | \$ 5,368 | 11% | \$ 288,489 | 116% | |
| 14 | MISCELLANEOUS SHALLOW SPALL REPAIRS | 300 | SF | \$ 850.00 | \$ 255,000.00 | 348.81 | \$ 296,489 | 100% | \$ 296,489 | 116% | \$ 168,500 | 90% | |
| | MOBILIZATION - SEE NOTE 1 BELOW | 1 | LS | \$ 185,000.00 | \$ 185,000.00 | 0.9 | \$ 166,500 | 90% | \$ 166,500 | 90% | \$ 166,500 | 90% | |
| | Subtotal Numbered Bid Items | | | \$ 1,303,464.00 | \$ 1,303,464.00 | | \$ 1,281,558 | 98% | \$ 1,281,558 | 98% | \$ 1,281,558 | 97% | |

| Bid Item | Item Description | Contract Quantity | Unit | Aetna Bridge Company | | Actual Quantity and Cost to Date | | Estimated Cost at Contract Completion | | Estimated Cost at end of 2016 | | |
|----------|--|-------------------|------|----------------------|-----------------|----------------------------------|--------------|---------------------------------------|--------------------|-------------------------------|---------------------------|--------------|
| | | | | Unit Price/Unit | Sub Total | Quantity | Cost | Estimated Final Cost | % of Contract Cost | 2016 Qty's | Total Cost at End of 2016 | |
| A | ON-CALL ROADWAY DECK PATCHING | 10000 | SF | \$ 97.00 | \$ 970,000.00 | 13866.33 | \$ 1,327,574 | \$ 1,521,574 | 157% | 2000 | \$ 194,000 | |
| B | ON-CALL SAFETY WALK PATCHING | 1000 | SF | \$ 75.00 | \$ 75,000.00 | 65.52 | \$ 4,914 | \$ 42,414 | 57% | 600 | \$ 37,500 | |
| C | ON-CALL DECK JOINT FULL DEPTH PATCH REPAIRS | 800 | SF | \$ 400.00 | \$ 320,000.00 | 677.54 | \$ 271,016 | \$ 670,616 | 210% | 999 | \$ 399,600 | |
| D | ON-CALL JOINT SEAL REPAIRS TYPE 1 - STRIP SEALS | 200 | LF | \$ 550.00 | \$ 110,000.00 | 0 | \$ - | \$ - | 0% | 168 | \$ 34,860 | |
| E | ON-CALL JOINT SEAL REPAIRS TYPE 2 - COMPRESSION SEALS | 1000 | LF | \$ 70.00 | \$ 70,000.00 | 135.43 | \$ 9,480 | \$ 44,340 | 63% | 168 | \$ 44,340 | |
| F | ON-CALL JOINT SEAL REPAIRS TYPE 3 - POURED SEALS | 1000 | LF | \$ 70.00 | \$ 70,000.00 | 150.89 | \$ 10,562 | \$ 21,902 | 31% | 168 | \$ 11,340 | |
| G | ON-CALL JOINT SEAL REPAIRS TYPE 4 - EXISTING STRIP SEAL REPAIRS | 160 | LF | \$ 400.00 | \$ 64,000.00 | 6.71 | \$ 2,684 | \$ 2,684 | 4% | 0 | \$ - | |
| H | ON-CALL JOINT SEAL REPAIRS TYPE 5 - EXISTING STRIP SEAL GASKET REPLACEMENT | 40 | LF | \$ 200.00 | \$ 8,000.00 | 0 | \$ - | \$ - | 0% | 0 | \$ - | |
| I | ON-CALL CERTIFICATION OF LIFELINES | 3 | EACH | \$ 10,000.00 | \$ 30,000.00 | 1 | \$ 10,000 | \$ 20,000 | 67% | 1 | \$ 10,000 | |
| J | ON-CALL PRESSURE WASHING OF STRUCTURE | 3 | EACH | \$ 60,000.00 | \$ 180,000.00 | 1 | \$ 60,000 | \$ 120,000 | 67% | 1 | \$ 60,000 | |
| K | ON-CALL RAILING POST REPLACEMENT PIER 11W TO PIER 22E | 8 | EACH | \$ 9,000.00 | \$ 72,000.00 | 3 | \$ 27,000 | \$ 54,000 | 75% | 3 | \$ 27,000 | |
| L | ON-CALL RAILING POST REPLACEMENT - W. ABUT TO P 11W & P22E TO E. ABUT | 8 | EACH | \$ 9,500.00 | \$ 76,000.00 | 5 | \$ 47,500 | \$ 95,000 | 113% | 4 | \$ 38,000 | |
| M | ON-CALL RAILING SECTION REPLACEMENT | 8 | EACH | \$ 12,000.00 | \$ 96,000.00 | 2 | \$ 24,000 | \$ 60,000 | 63% | 3 | \$ 36,000 | |
| N | ON-CALL TOUGH UP PAINTING | 1000 | SF | \$ 75.00 | \$ 75,000.00 | 148.18 | \$ 11,114 | \$ 41,114 | 55% | 400 | \$ 30,000 | |
| O | ON-CALL PAINTING OF RAIL IDENTIFICATION NUMBERS | 50 | EACH | \$ 150.00 | \$ 7,500.00 | 0 | \$ - | \$ 7,500 | 100% | 50 | \$ 7,500 | |
| P | ON-CALL REPLACEMENT OF LIGHT POLE IDENTIFICATION NUMBERS | 150 | EACH | \$ 300.00 | \$ 45,000.00 | 0 | \$ - | \$ 4,500 | 100% | 150 | \$ 4,500 | |
| Q | ON-CALL MAINTENANCE OF TRAFFIC | 200 | DAY | \$ 2,000.00 | \$ 400,000.00 | 175 | \$ 350,000 | \$ 410,000 | 103% | 30 | \$ 60,000 | |
| R | ON-CALL TRUCK MOUNTED ATTENUATOR | 40 | DAY | \$ 7,000.00 | \$ 280,000.00 | 9 | \$ 63,000 | \$ 53,200 | 180% | 10 | \$ 7,000 | |
| S | OPTIONAL/ON-CALL MOBILIZATION - SEE NOTE 2 BELOW | 3 | LS | \$ 5,000.00 | \$ 15,000.00 | 0 | \$ - | \$ 1 | 0% | 0 | \$ - | |
| T | OPTIONAL/ON-CALL MOBILIZATION - SEE NOTE 2 BELOW | 1 | LS | \$ 250,000.00 | \$ 250,000.00 | 1 | \$ 250,000 | \$ 424,880 | 170% | 0 | \$ - | |
| | Subtotal Optional/On-Call Bid Items | | | \$ 2,921,005.00 | \$ 2,921,005.00 | | \$ 2,828,835 | \$ 3,584,235 | 123% | | \$ 957,200 | \$ 3,584,235 |

TOTAL NUMBERED AND OPTIONAL/ON-CALL BID ITEMS - ESTIMATE OF ADDITIONAL CONTRACT FUNDS REQUIRED

CONTRACT VALUE \$ 4,224,484
 COST TO DATE \$ 3,889,893
 TOTAL ESTD COST \$ 4,865,793
ADDITIONAL FUNDS NEEDED \$ 641,329



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|---|
| AGENDA ITEM <i>13</i> | DATE PREPARED: January 29, 2016 | SUBJECT: REPLACEMENT OF SOUTHERN APPROACH SLAB ON MT HOPE BRIDGE – TASK ORDER TO AMMAN & WHITNEY |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

The South Approach roadway of the Mt Hope Bridge has reached the end of its useful life and exhibits major cracking, settlement and rutting. Complete full depth reconstruction is required. In order to minimize traffic impacts and accelerate construction, the use of precast slabs will be used. This task order for Ammann & Whitney is to prepare the design documents as well as to assist with advertising, bidding and awarding the contract.

Financial Effect : NTE \$79,000.00

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| ROUTING | INITIALS | DATE | BOARD ACTION: |
|--|-----------|----------------|--|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p><input type="checkbox"/> TABLED: UNTIL _____</p> <p><input type="checkbox"/> DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: right;">VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p style="text-align: right;">APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><input type="checkbox"/> RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | | | |
| √ ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | <i>1/29/16</i> | |
| PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | |
| | | | |
| | | | |

96 Morton Street New York, NY 10014-3309
212.462.8500 Fax 212.929.5359
www.ammann-whitney.com

January 27, 2016

Mr. Eric Offenberg, P.E.
Director of Engineering
Rhode Island Turnpike and Bridge Authority
One East Shore Road
P.O. Box 437
Newport/Pell Bridge Administration Building
Jamestown, RI 02835

RE: Contract 15-16, On-Call Professional Engineering Services

Subject: Proposal for Mount Hope Bridge South Approach Roadway Reconstruction
Design and Contract Procurement, Scope and Cost Estimate

Dear Mr. Offenberg:

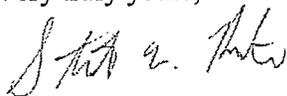
Per your request, attached please find our Proposal (Technical Scope and Costs) to perform the Design for the Mount Hope Bridge South Approach Roadway Reconstruction as well as assisting the Authority through the advertising, bidding, and construction contract award process. Construction Support Services will be addressed later, at the time of contract award for the construction phase.

This activity is on the Ten Year Plan and is scheduled for the current timeframe.

As shown on the man-hour breakdown table, the cost to perform this work is Not To Exceed \$79,000.

If you have any questions, feel free to call me (212-627-6587).

Very truly yours,



Stuart Rankin, P.E.
Project Manager

File: Mount Hope, RBA-002

Rhode Island Turnpike & Bridge Authority
Mount Hope Bridge

Prepare Contract/Bid Documents for
South Approach Roadway Reconstruction of the Mount Hope Bridge

Ammann & Whitney Consulting Engineers

1/27/2016

Overview

Ammann & Whitney was requested by the Rhode Island Turnpike and Bridge Authority to submit a scope of services and cost proposal to prepare the contract/bid documents (Drawings, Specifications, and Engineers Estimate) for the Reconstruction of the South Approach Roadway of the Mount Hope Bridge. This project is on the Board approved Ten Year Plan.

The South Approach Roadway is the portion of the roadway on land which connects the Portsmouth traffic intersection with the south abutment of the Mount Hope Bridge. This portion of the roadway received minor repairs and resurfacing in 2005 under Contract 05-6. The roadway has reached the end of its useful life and once again exhibits cracking, settlement, rutting, and shoving. Complete full-depth reconstruction is now required. In order to minimize traffic impacts and accelerate construction, the use of a precast slab will be used instead of cast in place concrete.

Work Items

Activity 1 - Review and Gather Documentation

Gather previous documents (especially the documents from the previous reconstruction from Contract 05-6). Review field conditions to identify the limits of the work.

Activity 2 - Prepare Specifications

Prepare specifications utilizing similar sections of recent projects for similar work items. Incorporate lessons learned. Discuss project with pre-cast slab fabricators to ensure proper specifying of work. Include section on importance of traffic control plan to minimize traffic impacts. Include contract bidding documents to facilitate advertising the project.

Activity 3 - Prepare Drawings

Prepare contract drawings. Incorporate lessons learned from previous projects. Utilize general drawings from previous projects. Create new drawings for new items of work. The drawings specific to the south approach roadway reconstruction will consist of a site plan (1 drawing), plan, cross-section, and elevation views of approach roadway (2 drawings), and pavement box cross section details (1 drawing). Traffic control and staging plans (3 drawings) will be very detailed to emphasize the level of detail required in the contractors traffic control plan. Included is a site visit to obtain dimensions for the drawings.

Activity 4 - Prepare Cost Estimate

Create an Engineer's Estimate for the work included in the project. Perform a detailed quantity take-off, investigate unit pricing for similar type of roadway work throughout the state, and investigate bids for similar work.

Activity 5 - Advertisement and Procurement of Contractor

We will assist the Authority in issuing the bid documents and advertising the project. We will be on site to conduct a pre-bid meeting with interested contractors. We will answer questions and issue addendum as necessary. We will evaluate the submitted bids and make a recommendation of award to the Authority.

Construction support services are not included and will be scoped when the construction contract is to be awarded.

Schedule:

Assume Notice to Proceed February 15, 2016

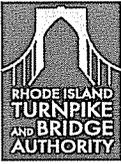
Activity 1 – February 2016 (document review and site inspection)

Activity 2 and 3 – February 2016 (Draft specifications and drawings)

Activity 2, 3, and 4 – March 2016 (Final specifications, drawings, and engineers estimate)

Activity 5 – April 2016 (advertise and award construction contract)

END OF SCOPE OF WORK



RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|---|---|
| AGENDA ITEM <i>14</i> | DATE PREPARED: January 29, 2016 | SUBJECT: EMERGENCY GENERATOR TRANSFER SWITCH |
| FOR THE MEETING OF: February 3, 2016 | | PREPARED BY: ERIC OFFENBERG |

SUMMARY DESCRIPTION:

The emergency generator transfer switch at the main facility has not been functional for over a year. In the event of an emergency, this switch must be operated manually. In order to correct this, the switch needs to be repaired for the "automatic" switch over. We currently have EW Audet under contract for on-call electrical work.

Financial Effect : NTE \$18,000.00

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| ROUTING | EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | INITIALS | DATE | BOARD ACTION: |
|---------|---|-----------|----------------|--|
| | FINANCE <i>MAGGIE BAKER</i> | | | <p><input type="checkbox"/> TABLED: UNTIL _____</p> <p><input type="checkbox"/> DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: right;">VOTE TAKEN: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p style="text-align: right;">APPROVED: <input type="checkbox"/> YES <input type="checkbox"/> NO</p> <p><input type="checkbox"/> RATIFIED</p> |
| √ | ENGINEERING <i>ERIC OFFENBERG</i> | <i>EO</i> | <i>1/29/16</i> | |
| | PLAZA OPERATIONS SAFETY & SECURITY <i>JIM MANNI</i> | | | |
| | DIRECTOR OF ELECTRONIC TOLLING <i>KATHRYN O'CONNOR</i> | | | |
| | MAINTENANCE <i>JAMES ROMANO</i> | | | |
| | INFORMATION TECHNOLOGY <i>MICHAEL BONSIGNORE</i> | | | |
| | | | | |
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RHODE ISLAND Turnpike and Bridge Authority

Board Agenda Item Tracking System

| | | |
|--|------------------------------------|---|
| AGENDA ITEM | DATE PREPARED: 1/29/2016 | SUBJECT: FY 2016 YTD December Financial Package |
| FOR THE MEETING OF: January 29, 2016 | | PREPARED BY: Maggie Baker |

SUMMARY DESCRIPTION:

December 2015 MTD / YTD Financial Report

Traffic and Revenue Reports

Financial Effect: N/A

Instructions: The individual named at the top of this page as “preparer” indicates in boxes below which individuals and departments are to review and approve this document and its corresponding support (if applicable) prior to distribution to Board members. Then, each individual places his or her initials and date in the appropriate space in evidence of their review.

| ROUTING | INITIALS | DATE | BOARD ACTION: |
|---|--------------------|---------|--|
| EXECUTIVE DIRECTOR <i>EARL J. CROFT III</i> | | | <p>___ TABLED: UNTIL _____</p> <p>___ DISCUSSED: <i>Action Taken:</i></p> <p style="text-align: center;">VOTE TAKEN: ___ YES ___ NO</p> <p style="text-align: center;">APPROVED: ___ YES ___ NO</p> <p>___ RATIFIED</p> |
| FINANCE <i>MAGGIE BAKER</i> | <i>[Signature]</i> | 1/29/16 | |
| ENGINEERING <i>ERIC OFFENBERG P.E.</i> | | | |
| OPERATIONS <i>JAMES SWANBERG</i> | | | |
| MAINTENANCE <i>JAMES ROMANO</i> | | | |
| E-ZPASS <i>KATHRYN O'CONNER</i> | | | |
| IT <i>MICHAEL BONSIGNORE</i> | | | |
| OTHER (SPECIFY) | | | |

Rhode Island Turnpike & Bridge Authority
 Revenue Summary - NEWPORT BRIDGE
 July 2015 thru June 2016

| FY2016 Cash Revenue | 2 axle | | 3 axle | | 4 axle | | 5 axle | | Other Axles | | Violations | | UPTs Paid | | Overweight/Overweight de Permit Fee | | Total with Overweights & UPTs | |
|-----------------------------|---------------|---------------|------------|-----------|------------|--|--------|--|-------------|--|------------|--|-----------|----------|-------------------------------------|--|-------------------------------|--|
| | | | | | | | | | | | | | | | | | | |
| July | \$ 800,921 | \$ 780,820 | \$ 10,495 | \$ 4,736 | \$ 4,870 | | | | | | | | | \$ 449 | \$ 15 | | \$ 801,385 | |
| August | \$ 764,671 | \$ 748,529 | \$ 8,112 | \$ 3,872 | \$ 4,158 | | | | | | | | | \$ 1,269 | \$ 2,990 | | \$ 768,950 | |
| September | \$ 582,418 | \$ 568,718 | \$ 6,372 | \$ 3,724 | \$ 3,604 | | | | | | | | | \$ 90 | \$ - | | \$ 582,508 | |
| October | \$ 492,166 | \$ 478,640 | \$ 7,008 | \$ 3,122 | \$ 3,396 | | | | | | | | | \$ 1,165 | \$ 180.00 | | \$ 493,511 | |
| November | \$ 372,813 | \$ 360,559 | \$ 5,856 | \$ 2,248 | \$ 4,150 | | | | | | | | | \$ 155 | \$ 16,521.00 | | \$ 389,489 | |
| December | \$ 356,378 | \$ 346,026 | \$ 4,752 | \$ 2,052 | \$ 3,548 | | | | | | | | | \$ 1,274 | \$ 4,633.00 | | \$ 362,285 | |
| January | | | | | | | | | | | | | | | | | | |
| February | | | | | | | | | | | | | | | | | | |
| March | | | | | | | | | | | | | | | | | | |
| April | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | |
| June | | | | | | | | | | | | | | | | | | |
| Cash Sub-total | \$ 3,369,366 | \$ 3,283,291 | \$ 42,595 | \$ 19,754 | \$ 23,726 | | | | | | | | | \$ 4,402 | \$ 24,339 | | \$ 3,398,107 | |
| 904881 | | | | | | | | | | | | | | | | | | |
| FY2016 ETC Revenue- NEWPORT | | | | | | | | | | | | | | | | | | |
| July | \$ 1,476,103 | \$ 1,405,117 | \$ 29,310 | \$ 13,123 | \$ 23,074 | | | | | | | | | | | | | |
| August | \$ 1,448,583 | \$ 1,411,416 | \$ 28,016 | \$ 14,171 | \$ 21,792 | | | | | | | | | | | | | |
| September | \$ 1,242,805 | \$ 1,193,258 | \$ 28,865 | \$ 13,338 | \$ 21,677 | | | | | | | | | | | | | |
| October | \$ 1,114,507 | \$ 1,076,993 | \$ 26,733 | \$ 13,507 | \$ 21,850 | | | | | | | | | | | | | |
| November | \$ 956,760 | \$ 916,758 | \$ 21,581 | \$ 10,653 | \$ 21,300 | | | | | | | | | | | | | |
| December | \$ 938,572 | \$ 896,437 | \$ 21,259 | \$ 10,727 | \$ 24,545 | | | | | | | | | | | | | |
| January | | | | | | | | | | | | | | | | | | |
| February | | | | | | | | | | | | | | | | | | |
| March | | | | | | | | | | | | | | | | | | |
| April | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | |
| June | | | | | | | | | | | | | | | | | | |
| Newport Sub-total | \$ 7,177,330 | \$ 6,899,979 | \$ 155,764 | \$ 75,519 | \$ 134,238 | | | | | | | | | | | | | |
| 7841166 | | | | | | | | | | | | | | | | | | |
| FY2016 Revenue- Grand Total | | | | | | | | | | | | | | | | | | |
| July | \$ 2,277,024 | \$ 2,185,936 | \$ 39,805 | \$ 17,859 | \$ 27,944 | | | | | | | | | | | | | |
| August | \$ 2,213,254 | \$ 2,159,945 | \$ 36,128 | \$ 18,043 | \$ 25,950 | | | | | | | | | | | | | |
| September | \$ 1,825,223 | \$ 1,761,976 | \$ 35,237 | \$ 17,062 | \$ 25,281 | | | | | | | | | | | | | |
| October | \$ 1,606,673 | \$ 1,555,633 | \$ 33,741 | \$ 16,629 | \$ 25,246 | | | | | | | | | | | | | |
| November | \$ 1,329,572 | \$ 1,277,317 | \$ 27,437 | \$ 12,901 | \$ 25,450 | | | | | | | | | | | | | |
| December | \$ 1,294,950 | \$ 1,242,463 | \$ 26,011 | \$ 12,779 | \$ 28,093 | | | | | | | | | | | | | |
| January | | | | | | | | | | | | | | | | | | |
| February | | | | | | | | | | | | | | | | | | |
| March | | | | | | | | | | | | | | | | | | |
| April | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | |
| June | | | | | | | | | | | | | | | | | | |
| Grand Total | \$ 10,546,696 | \$ 10,183,271 | \$ 198,359 | \$ 95,273 | \$ 157,964 | | | | | | | | | \$ 4,402 | \$ 24,339 | | \$ 11,239,274 | |

RHODE ISLAND TURNPIKE AND BRIDGE AUTHORITY
Statement of Operations
For the Six Months Ending Thursday, December 31, 2015

| | Month of December Expenses | Actual YTD Expenses 12/31/2015 | YTD Budget as of 12/31/2015 | Percent of Budget Completed 12/31/2015 |
|-------------------------------------|----------------------------------|--------------------------------------|-----------------------------------|--|
| Revenue | | | | |
| Toll Revenue | \$362,273.03 | \$9,691,930.38 | \$8,627,850.00 | 112.33% |
| Gas Tax Revenue | 1,269,597.62 | 6,536,479.01 | 7,125,000.00 | 91.74% |
| Transponder Revenue | | 192,426.35 | 192,500.02 | 99.96% |
| Interest | 13.59 | 114,156.76 | 249,999.96 | 45.66% |
| Miscellaneous Revenue | 65,680.95 | 590,802.19 | 124,999.98 | 472.64% |
| Statement and Bank Fees | | 38,853.00 | 48,999.96 | 79.29% |
| Total Operating Revenues | 1,697,565.19 | 17,164,647.69 | 16,369,349.92 | 104.86% |
| Operating Expenses | | | | |
| Wages | 234,256.55 | 1,516,224.97 | 1,794,397.55 | 84.50% |
| Vacation and Sick Pay | | | | |
| OASDI tax | 16,714.63 | 111,182.45 | 176,245.91 | 63.08% |
| Unemployment tax | 1,500.08 | 13,519.27 | | 0.00% |
| Health and Dental Insurance | 31,710.91 | 158,582.33 | 221,794.20 | 71.50% |
| Life Insurance | 1,896.54 | 11,016.59 | 19,586.56 | 56.25% |
| Pension | 12,693.82 | 83,505.93 | 100,343.52 | 83.22% |
| Salaries and Wages | 298,772.53 | 1,894,031.54 | 2,312,367.74 | 81.91% |
| Telephone / ITData | 23,910.17 | 134,216.92 | 189,999.94 | 70.64% |
| Office / Postage | 6,975.06 | 48,568.73 | 54,999.96 | 88.31% |
| Advertising expense | 4,620.59 | 31,123.80 | 49,999.98 | 62.25% |
| Travel and Entertainment | 1,723.21 | 17,759.72 | 24,874.98 | 71.40% |
| Dues | 25,000.00 | 27,855.00 | 22,500.00 | 123.80% |
| Subscriptions and Misc. | 157.00 | 1,743.50 | 1,249.98 | 139.48% |
| Legal Fees | 18,178.36 | 43,693.13 | 143,500.02 | 30.45% |
| Audit Fee | | 30,511.00 | 17,500.02 | 174.35% |
| Professional | 2,950.50 | 33,089.80 | 151,500.00 | 21.84% |
| Safety | 6,329.80 | 66,730.52 | 75,499.98 | 88.38% |
| Trustee Fees | 1,500.00 | 1,500.00 | 6,000.00 | 25.00% |
| Bank Fees | 1,980.02 | 20,393.62 | 17,499.96 | 116.54% |
| Insurance - Property | | | 274,231.50 | 0.00% |
| Insurance - Other | 6,432.33 | 11,958.62 | 275,226.96 | 4.35% |
| Utilities | (44,012.95) | 109,581.82 | 150,000.00 | 73.05% |
| Event Expense | 8,462.08 | 78,253.42 | | 0.00% |
| ETC Expense | (134,850.00) | 502,467.50 | 1,639,353.72 | 30.65% |
| Transponder Expense | | 80,307.10 | 75,000.00 | 107.08% |
| Toll Equipment Maintenance | 5,309.81 | 32,584.64 | 57,499.98 | 56.67% |
| IT Equipment Maintenance | | 3,286.19 | 6,999.96 | 46.95% |
| IT Data Expense | 2,457.18 | 22,697.14 | | 0.00% |
| Uniforms | 1,267.23 | 4,076.05 | 3,250.04 | 125.42% |
| Vehicle Maintenance | 8,278.39 | 47,452.04 | 40,680.96 | 116.64% |
| Electrical Contractor | | 120.00 | 24,999.96 | 0.48% |
| Bridge Maintenance | | 5,490.00 | 62,500.02 | 8.78% |
| Maintenance and Supplies | (22,943.87) | 104,630.58 | 87,499.98 | 119.58% |
| Miscellaneous expense | (47,212.59) | 142,021.99 | 142,349.94 | 99.77% |
| Depreciation Expense | | | | |
| Settlement Expense | | | 410,499.96 | 0.00% |
| Contingency reserve | | | 202,227.48 | 0.00% |
| Host Community | | 29,000.00 | 14,250.00 | 203.51% |
| Operating Expenses | (123,487.68) | 1,631,112.83 | 4,221,695.28 | 38.64% |
| Interest Expense | (10,724.17) | (1,270.00) | | 0.00% |
| Cost of Issuance Expense | | | | |
| Cost of Issuance Amortization | | | | |
| Bond Discount Amortization | | | | |
| Gain/Loss on Impaired Asset | | | | |
| Environmental Remediation | | | 24,999.96 | 0.00% |
| Total Non-Operating Expenses | (10,724.17) | (1,270.00) | 24,999.96 | (5.08%) |
| Total Expenses | 164,560.68 | 3,523,874.37 | 6,559,062.98 | 53.73% |
| Net Income | \$1,533,004.51 | \$13,640,773.32 | \$9,810,286.94 | 139.05% |