

**DOI $1.18M Grant to IC – Budget for Aerial Broadcast Application of 25W Brodifacoum Conservation Bait to Eradicate Alien Rats from Palmyra Atoll**

| **Category** | **Subcategory** | **Concept** | **Unit** | **Qty** | **Cost/unit** | **Expense** |
| --- | --- | --- | --- | --- | --- | --- |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | Bait | kg | 41,400 | $4.50 | $186,300 |
| bait pods | unit | 50 | $1,000.00 | $50,000 |
| bait transport containers | unit | 4 | $1,000.00 | $4,000 |
| Subtotal | | | | | **$240,300** |
| Transporting bait to Palmyra and boat charter | airfare | flight | 2 | $900.00 | $1,800 |
| lodging | person-day | 4 | $125.00 | $500 |
| per diem | person-day | 8 | $50.00 | $400 |
| Travel/Transportation - support |  |  |  | $12,115 |
| vehicle rental | day | 5 | $75.00 | $375 |
| bait transport | kg | 41,400 | $2.20 | $91,080 |
| boat charter cost | day | 40 | $6,500.00 | $260,000 |
| Subtotal | | | | | **$366,270** |
| Equipment purchase and shipment | bait hoppers | unit | 2 | $15,000.00 | $30,000 |
| Postage, shipping, freight - support |  |  |  | $3,808 |
| bait hoppers - shipping | unit | 2 | $1,000.00 | $2,000 |
| D-GPS | unit | 2 | $10,000.00 | $20,000 |
| D-GPS - installation | unit | 1 | $5,000.00 | $5,000 |
| Subtotal | | | | | **$60,808** |
| Communications | programmable radios | unit | 10 | $500.00 | $5,000 |
| radio batteries | unit | 10 | $100.00 | $1,000 |
| radio microphones | unit | 5 | $100.00 | $500 |
| unit charger | unit | 2 | $500.00 | $1,000 |
| Telephone/Internet - support |  |  |  | $3,263 |
| Occupancy Expense - other - support |  |  |  | $8,144 |
| Subtotal | | | | | **$18,907** |
| Environmental samples | residue analysis | unit | 3 | $10,000.00 | $30,000 |
| shipping | unit | 1 | $1,000.00 | $1,000 |
| Subtotal | | | | | **$31,000** |
| Helicopter calibration | helicopter charter | day | 16 | $5,500.00 | $88,000 |
| lodging | day | 15 | $125.00 | $1,875 |
| vehicle rental | day | 15 | $125.00 | $1,875 |
| per diem | day | 30 | $50.00 | $1,500 |
| misc. | unit | 1 | $1,000.00 | $1,000 |
| non-toxic bait | kg | 1000 | $4.50 | $4,500 |
| non-toxic bait shipping | kg | 1000 | $2.20 | $2,200 |
| subtotal | | | | | **$100,950** |
| Implementation | airfare | flight | 20 | $900.00 | $18,000 |
| airfare | flight | 20 | $2,500.00 | $50,000 |
| vehicle rental | day | 15 | $75.00 | $1,125 |
| lodging | person-day | 10 | $125.00 | $1,250 |
| helicopter charter | day | 40 | $5,500.00 | $220,000 |
| helicopter fuel | gallon | 2000 | $6.00 | $12,000 |
| subtotal | | | | | **$302,375** |
| Demobilization | lodging | day | 14 | $125.00 | $1,750 |
| vehicle rental | day | 14 | $125.00 | $1,750 |
| per diem | day | 45 | $50.00 | $2,250 |
| shipping | unit | 1 | $20,000.00 | $20,000 |
| subtotal | | | | | **$25,750** |
| Safety | bait safety (PPE) | unit | 10 | $250.00 | $2,500 |
| medical evac ins - support |  |  |  | $899 |
| first aid supplies | misc. | 1 | $1,000.00 | $1,000 |
| med ex evac. insurance | person-week | 80 | $30.00 | $2,400 |
| subtotal | | | | | **$6,799** |
| Supplies | corefluet | 4'x8'sheet | 10 | $10.00 | $100 |
| survey flags | box (500) | 10 | $50.00 | $500 |
| gps | unit | 2 | $400.00 | $800 |
| miscellaneous research supplies | misc. | 1 | $5,000.00 | $5,000 |
| misc field Supplies - support |  |  |  | $737 |
| field clothing per diem | unit | 20 | $100.00 | $2,000 |
| computer (GPS capability) | unit | 2 | $2,000.00 | $4,000 |
| office supplies/equipment - support |  |  |  | $3,270 |
| field printer | unit | 2 | $500.00 | $1,000 |
| per diem - support |  |  |  | $333 |
| equipment insurance - support |  |  |  | $351 |
| field per diem | person-day | 600 | $15.00 | $9,000 |
| subtotal | | | | | **$27,091** |
| Total | | | | | | **$1,180,250** |

**Summary**

|  |  |  |
| --- | --- | --- |
| **Category** | **Subcategory** | **Expense** |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | $240,300 |
| Transporting bait to Palmyra and boat charter | $366,270 |
| Equipment purchase and shipment | $60,808 |
| Communications | $18,907 |
| Environmental samples | $31,000 |
| Helicopter calibration | $100,950 |
| Implementation | $302,375 |
| Demobilization | $25,750 |
| Safety | $6,799 |
| Supplies | $27,091 |
| **Total** | | **$1,180,250** |

**DOI $1.18M Grant to IC – Budget for Aerial Broadcast Application of Diphacinone-50 bait to Eradicate Alien Rats from Palmyra Atoll**

| **Category** | **Subcategory** | **Concept** | **Unit** | **Qty** | **Cost/unit** | **Expense** |
| --- | --- | --- | --- | --- | --- | --- |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | bait | kg | 122,840 | $4.50 | $552,780 |
| bait pods | unit | 150 | $1,000.00 | $150,000 |
| bait transport containers | unit | 8 | $1,000.00 | $8,000 |
| subtotal | | | | | **$710,780** |
| Transporting bait to Palmyra and boat charter | airfare | flight | 2 | $900.00 | $1,800 |
| lodging | person-day | 4 | $125.00 | $500 |
| per diem | person-day | 8 | $50.00 | $400 |
| travel/transportation - support |  |  |  | $12,115 |
| vehicle rental | day | 5 | $75.00 | $375 |
| bait transport | kg | 41,400 | $2.20 | $91,080 |
| boat charter cost | day | 40 | $6,500.00 | $260,000 |
| Subtotal | | | | | **$366,270** |
| Equipment purchase and shipment | bait hoppers | unit | 2 | $15,000.00 | $30,000 |
| postage, shipping, freight - support |  |  |  | $3,808 |
| bait hoppers - shipping | unit | 2 | $1,000.00 | $2,000 |
| D-GPS | unit | 2 | $10,000.00 | $20,000 |
| D-GPS - installation | unit | 1 | $5,000.00 | $5,000 |
| Subtotal | | | | | **$60,808** |
| Communications | programmable radios | unit | 10 | $500.00 | $5,000 |
| radio batteries | unit | 10 | $100.00 | $1,000 |
| radio microphones | unit | 5 | $100.00 | $500 |
| unit charger | unit | 2 | $500.00 | $1,000 |
| telephone/internet - support |  |  |  | $3,263 |
| occupancy expense - other - support |  |  |  | $8,144 |
| Subtotal | | | | | **$18,907** |
| Environmental samples | residue analysis | unit | 3 | $10,000.00 | $30,000 |
| shipping | unit | 1 | $1,000.00 | $1,000 |
| Subtotal | | | | | **$31,000** |
| Helicopter calibration | helicopter charter | day | 16 | $5,500.00 | $88,000 |
| lodging | day | 15 | $125.00 | $1,875 |
| vehicle rental | day | 15 | $125.00 | $1,875 |
| per diem | day | 30 | $50.00 | $1,500 |
| misc. | unit | 1 | $1,000.00 | $1,000 |
| non-toxic bait | kg | 1000 | $4.50 | $4,500 |
| non-toxic bait shipping | kg | 1000 | $2.20 | $2,200 |
| Subtotal | | | | | **$100,950** |
| Implementation | airfare | flight | 20 | $900.00 | $18,000 |
| airfare | flight | 20 | $2,500.00 | $50,000 |
| vehicle rental | day | 15 | $75.00 | $1,125 |
| lodging | person-day | 10 | $125.00 | $1,250 |
| helicopter charter | day | 50 | $5,500.00 | $275,000 |
| helicopter fuel | gallon | 6000 | $6.00 | $36,000 |
| Subtotal | | | | | **$381,375** |
| Demobilization | lodging | day | 14 | $125.00 | $1,750 |
| vehicle rental | day | 14 | $125.00 | $1,750 |
| per diem | day | 45 | $50.00 | $2,250 |
| shipping | unit | 1 | $20,000.00 | $20,000 |
| Subtotal | | | | | **$25,750** |
| Safety | bait safety (PPE) | unit | 10 | $250.00 | $2,500 |
| medical evac ins - support |  |  |  | $899 |
| first aid supplies | misc. | 1 | $1,000.00 | $1,000 |
| med ex evac. Insurance | person-week | 80 | $30.00 | $2,400 |
| Subtotal | | | | | **$6,799** |
| Supplies | corefluet | 4'x8'sheet | 10 | $10.00 | $100 |
| survey flags | box (500) | 10 | $50.00 | $500 |
| GPS | unit | 2 | $400.00 | $800 |
| miscellaneous research supplies | misc. | 1 | $5,000.00 | $5,000 |
| misc field supplies - support |  |  |  | $737 |
| field clothing per diem | unit | 20 | $100.00 | $2,000 |
| computer (GPS capability) | unit | 2 | $2,000.00 | $4,000 |
| office supplies/Equipment - support |  |  |  | $3,270 |
| field printer | unit | 2 | $500.00 | $1,000 |
| per diem - support |  |  |  | $333 |
| equipment insurance - support |  |  |  | $351 |
| field per diem | person-day | 600 | $15.00 | $9,000 |
| Subtotal | | | | | **$27,091** |
| Total | | | | | | **$1,729,730** |

**Summary**

|  |  |  |
| --- | --- | --- |
| **Category** | **Subcategory** | **Expense** |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | $710,780 |
| Transporting bait to Palmyra and boat charter | $366,270 |
| Equipment purchase and shipment | $60,808 |
| Communications | $18,907 |
| Environmental samples | $31,000 |
| Helicopter calibration | $100,950 |
| Implementation | $381,375 |
| Demobilization | $25,750 |
| Safety | $6,799 |
| Supplies | $27,091 |
| **Total** | | **$1,729,730** |

**DOI $1.18M Grant to IC – Budget for Bait-Station Application of 25W Brodifacoum Conservation Bait or Diphacinone 50 bait to Eradicate Alien Rats from Palmyra Atoll**

| **Category** | **Subcategory** | **Concept** | **Unit** | **Qty** | **Cost/unit** | **Expense** |
| --- | --- | --- | --- | --- | --- | --- |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | bait | kg | 13,283 | $4.50 | $59,774 |
| bait stations | unit | 2500 | $15.00 | $37,500 |
| refridgerated bait containers | unit | 2 | $10,000.00 | $20,000 |
| generator for refridgerated containers | unit | 2 | $10,000.00 | $20,000 |
| tank for generator fuel | unit | 1 | $3,000.00 | $3,000 |
| fuel for generator | gallon | 13,140 | $3.00 | $39,420 |
| subtotal | | | | | **$117,274** |
| Tranporting bait to Palmyra and boat charter | airfare | flight | 2 | $900.00 | $1,800 |
| lodging | person-day | 4 | $125.00 | $500 |
| per diem | person-day | 8 | $50.00 | $400 |
| travel/transportation - support |  |  |  | $12,115 |
| vehicle rental | day | 5 | $75.00 | $375 |
| bait transport | kg | 13,283 | $2.20 | $29,223 |
| boat charter cost | day | 20 | $6,500.00 | $130,000 |
| subtotal | | | | | **$174,413** |
| Equipment purchase and shipment | Postage, shipping, freight - support |  |  |  | $3,808 |
| bait stations | unit | 2 | $1,000.00 | $2,000 |
| subtotal | | | | | **$5,808** |
| Communications | programmable radios | unit | 20 | $500.00 | $10,000 |
| radio batteries | unit | 20 | $100.00 | $2,000 |
| radio microphones | unit | 10 | $100.00 | $1,000 |
| unit charger | unit | 4 | $500.00 | $2,000 |
| Telephone/Internet - support |  |  |  | $3,263 |
| Occupancy Expense - other - support |  |  |  | $8,144 |
| subtotal | | | | | **$26,407** |
| Environmental samples | residue analysis | unit | 3 | $10,000.00 | $30,000 |
| shipping | unit | 1 | $1,000.00 | $1,000 |
| subtotal | | | | | **$31,000** |
| Implementation | airfare | flight | 50 | $900.00 | $45,000 |
| airfare | flight | 50 | $2,500.00 | $125,000 |
| vehicle rental | day | 40 | $75.00 | $3,000 |
| lodging | person-day | 100 | $125.00 | $12,500 |
| station use fee | person-day | 2933 | $300.00 | $879,900 |
| subtotal | | | | | **$1,065,400** |
| Demobilization | lodging | day | 30 | $125.00 | $3,750 |
| vehicle rental | day | 30 | $125.00 | $3,750 |
| per diem | day | 60 | $50.00 | $3,000 |
| shipping | unit | 1 | $20,000.00 | $20,000 |
| subtotal | | | | | **$30,500** |
| Safety | bait safety (PPE) | unit | 11 | $250.00 | $2,750 |
| medical evac ins - support |  |  |  | $899 |
| first aid supplies | misc. | 4 | $1,000.00 | $4,000 |
| med ex evac. Insurance | person-week | 419 | $30.00 | $12,570 |
| subtotal | | | | | **$20,219** |
| Supplies | corefluet | 4'x8'sheet | 100 | $10.00 | $1,000 |
|  |  |  |  | $0 |
| gps | unit | 10 | $400.00 | $4,000 |
| miscellaneous field supplies | misc. | 1 | $20,000.00 | $20,000 |
| misc field supplies - support |  |  |  | $737 |
| field clothing per diem | unit | 50 | $100.00 | $5,000 |
| computer (GPS capability) | unit | 2 | $2,000.00 | $4,000 |
| office supplies/equipment - support |  |  |  | $3,270 |
| field printer | unit | 2 | $500.00 | $1,000 |
| Per Diem - support |  |  |  | $333 |
| Equipment Insurance - support |  |  |  | $351 |
| field per diem | person-day | 2933 | $15.00 | $43,995 |
| subtotal | | | | | **$83,686** |
| Total | | | | | | **$1,515,015** |

**Summary**

|  |  |  |
| --- | --- | --- |
| **Category** | **Subcategory** | **Expense** |
| **IMPLEMENTATION AND DEMOBILIZATION 2011** | Bait | $117,274 |
| Tranporting bait to Palmyra and boat charter | $174,413 |
| Equipment purchase and shipment | $5,808 |
| Communications | $26,407 |
| Environmental samples | $31,000 |
| Implementation | $1,065,400 |
| Demobilization | $30,500 |
| Safety | $20,219 |
| Supplies | $83,686 |
| **Total** | | **$1,515,015** |