



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 61

Date: 17-Nov-14

Doc: G00/UPCMR0061-UA

OCTOBER 2014 - SECTION 9

Page: 79 of 128

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (October 2014) | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-------------|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL & PAC | Armatek | 9 | 21 | 30 | 7% | 9 | 19 | 28 | 6% | 151 | 249 | 400 | 87% | 169 | 289 | 458 | 17% | |
| PAC | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 14 | 14 | 100% | 0 | 14 | 14 | 1% | |
| ATL | Carpi Tech | 27 | 0 | 27 | 93% | 1 | 0 | 1 | 3% | 1 | 0 | 1 | 3% | 29 | 0 | 29 | 1% | |
| ATL | Centro de Investigaciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 6 | 11 | 17 | 22% | 2 | 2 | 4 | 5% | 29 | 29 | 58 | 73% | 37 | 42 | 79 | 3% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 16 | 16 | 9% | 0 | 7 | 7 | 4% | 0 | 157 | 157 | 87% | 0 | 180 | 180 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 83 | 83 | 35% | 0 | 3 | 3 | 1% | 0 | 149 | 149 | 63% | 0 | 235 | 235 | 9% | |
| PAC | Doval Building | 0 | 4 | 4 | 15% | 0 | 1 | 1 | 4% | 0 | 21 | 21 | 81% | 0 | 26 | 26 | 1% | |
| PAC | EDS Panamá | 0 | 11 | 11 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 11 | 11 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 4 | 6 | 11% | 4 | 6 | 10 | 18% | 17 | 22 | 39 | 71% | 23 | 32 | 55 | 2% | |
| ATL | Haztec | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 40% | 3 | 0 | 3 | 60% | 5 | 0 | 5 | 0% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 5% | 22 | 23 | 45 | 8% | 242 | 257 | 499 | 87% | 276 | 297 | 573 | 21% | |
| ATL | Ineleg | 1 | 0 | 1 | 11% | 1 | 0 | 1 | 11% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Jan De Nul | 7 | 7 | 14 | 12% | 4 | 4 | 8 | 7% | 65 | 32 | 97 | 82% | 76 | 43 | 119 | 4% | |
| ATL | Logisfer | 16 | 0 | 16 | 52% | 0 | 0 | 0 | 0% | 15 | 0 | 15 | 48% | 31 | 0 | 31 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 84 | 80 | 164 | 98% | 86 | 82 | 168 | 6% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 13% | 0 | 7 | 7 | 88% | 0 | 8 | 8 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 21 | 11 | 32 | 16% | 0 | 0 | 0 | 0% | 131 | 31 | 162 | 84% | 152 | 42 | 194 | 7% | |
| PAC | Sondecisa | 0 | 5 | 5 | 36% | 0 | 1 | 1 | 7% | 0 | 8 | 8 | 57% | 0 | 14 | 14 | 1% | |
| PAC | Tecozam Panama S.A | 0 | 79 | 79 | 38% | 0 | 3 | 3 | 1% | 0 | 127 | 127 | 61% | 0 | 209 | 209 | 8% | |
| PAC | Trevi-Galante S.A | 0 | 2 | 2 | 4% | 0 | 1 | 1 | 2% | 0 | 45 | 45 | 94% | 0 | 48 | 48 | 2% | |
| ATL & PAC | Varmed | 17 | 2 | 19 | 12% | 3 | 0 | 3 | 2% | 114 | 23 | 137 | 86% | 134 | 25 | 159 | 6% | |
| ATL | Vilaplano Construcciones | 38 | 0 | 38 | 36% | 0 | 0 | 0 | 0% | 68 | 0 | 68 | 64% | 106 | 0 | 106 | 4% | |
| ATL & PAC | Vulcor, S.A | 1 | 0 | 1 | 7% | 0 | 1 | 1 | 7% | 6 | 6 | 12 | 86% | 7 | 7 | 14 | 1% | |
| TOTAL | | 157 | 274 | 431 | 15.6% | 50 | 78 | 128 | 4.6% | 941 | 1,261 | 2,202 | 79.8% | 1,148 | 1,613 | 2,761 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 62

Date: 15-Dec-14

Doc: G00/UPCMR0062-UA

NOVEMBER 2014 - SECTION 9

Page: 79 of 128

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (November 2014) | | | | | | | | | | | | | | | | | | |
|---|---------------------------|-------------|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL & PAC | Armatek | 9 | 22 | 31 | 7% | 7 | 16 | 23 | 5% | 134 | 235 | 369 | 87% | 150 | 273 | 423 | 15% | |
| PAC | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 16 | 16 | 100% | 0 | 16 | 16 | 1% | |
| ATL | Carpí Tech | 4 | 0 | 4 | 80% | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 20% | 5 | 0 | 5 | 0% | |
| ATL | Centro de Investigaciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 17 | 12 | 29 | 26% | 4 | 4 | 8 | 7% | 43 | 33 | 76 | 67% | 64 | 49 | 113 | 4% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 18 | 18 | 9% | 0 | 8 | 8 | 4% | 0 | 173 | 173 | 87% | 0 | 199 | 199 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 91 | 91 | 35% | 0 | 7 | 7 | 3% | 0 | 159 | 159 | 62% | 0 | 257 | 257 | 9% | |
| PAC | Doval Building | 0 | 4 | 4 | 13% | 0 | 1 | 1 | 3% | 0 | 25 | 25 | 83% | 0 | 30 | 30 | 1% | |
| ATL | EDS Panama | 15 | 0 | 15 | 65% | 2 | 0 | 2 | 9% | 6 | 0 | 6 | 26% | 23 | 0 | 23 | 1% | |
| PAC | EDS Panamá | 0 | 11 | 11 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 11 | 11 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 4 | 6 | 11% | 3 | 6 | 9 | 17% | 17 | 21 | 38 | 72% | 22 | 31 | 53 | 2% | |
| ATL | Fripanel Panama, S.A | 5 | 0 | 5 | 83% | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 6 | 0 | 6 | 0% | |
| ATL | Haztec | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 50% | 2 | 0 | 2 | 50% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 5% | 22 | 25 | 47 | 9% | 232 | 233 | 465 | 86% | 266 | 275 | 541 | 19% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 8% | 11 | 0 | 11 | 92% | 12 | 0 | 12 | 0% | |
| ATL & PAC | Jan De Nul | 7 | 7 | 14 | 12% | 5 | 4 | 9 | 8% | 64 | 33 | 97 | 81% | 76 | 44 | 120 | 4% | |
| ATL | Logisfer | 15 | 0 | 15 | 79% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 21% | 19 | 0 | 19 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 88 | 82 | 170 | 98% | 90 | 84 | 174 | 6% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 13% | 0 | 7 | 7 | 88% | 0 | 8 | 8 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 40 | 11 | 51 | 20% | 0 | 1 | 1 | 0% | 167 | 38 | 205 | 80% | 207 | 50 | 257 | 9% | |
| PAC | Tecozam Panama S.A | 0 | 90 | 90 | 41% | 0 | 3 | 3 | 1% | 0 | 125 | 125 | 57% | 0 | 218 | 218 | 8% | |
| PAC | Trevi-Galante S.A | 0 | 2 | 2 | 4% | 0 | 1 | 1 | 2% | 0 | 52 | 52 | 95% | 0 | 55 | 55 | 2% | |
| ATL & PAC | Varmed | 17 | 2 | 19 | 11% | 3 | 1 | 4 | 2% | 136 | 7 | 143 | 86% | 156 | 10 | 166 | 6% | |
| ATL | Vilaplano Construcciones | 40 | 0 | 40 | 38% | 1 | 0 | 1 | 1% | 65 | 0 | 65 | 61% | 106 | 0 | 106 | 4% | |
| ATL & PAC | Vulcor, S.A | 1 | 0 | 1 | 7% | 0 | 1 | 1 | 7% | 6 | 6 | 12 | 86% | 7 | 7 | 14 | 0% | |
| TOTAL | | 184 | 292 | 476 | 16.7% | 52 | 81 | 133 | 4.7% | 985 | 1,253 | 2,238 | 78.6% | 1,221 | 1,626 | 2,847 | 100.0% | |

Table 9-5 Subcontractor Personnel List



MONTHLY PROGRESS REPORT No. 63

Date: 16-Jan-15

Doc: G00/UPCMR0063-UA

DECEMBER 2014 - SECTION 9

Page: 79 of 128

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (December 2014) | | | | | | | | | | | | | | | | | |
|---|---------------------------|-------------|---------|-----|-------|-------------|---------|-----|------|---------------|---------|-------|-------|----------|---------|-------|--------|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % |
| PAC | Acusterm Panama, S.A. | 0 | 3 | 3 | 11% | 0 | 5 | 5 | 19% | 0 | 19 | 19 | 70% | 0 | 27 | 27 | 1% |
| ATL & PAC | Armatek | 7 | 23 | 30 | 8% | 7 | 16 | 23 | 6% | 123 | 218 | 341 | 87% | 137 | 257 | 394 | 14% |
| PAC | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 16 | 16 | 100% | 0 | 16 | 16 | 1% |
| ATL | Carp Tech | 4 | 0 | 4 | 80% | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 20% | 5 | 0 | 5 | 0% |
| ATL | Centro de Investigaciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% |
| ATL & PAC | Cimolai | 30 | 17 | 47 | 30% | 2 | 4 | 6 | 4% | 59 | 43 | 102 | 66% | 91 | 64 | 155 | 5% |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% |
| PAC | Consorcio Borinquen S.A. | 0 | 18 | 18 | 9% | 0 | 10 | 10 | 5% | 0 | 172 | 172 | 86% | 0 | 200 | 200 | 7% |
| PAC | Construmarco Panama S.A. | 0 | 90 | 90 | 33% | 0 | 10 | 10 | 4% | 0 | 170 | 170 | 63% | 0 | 270 | 270 | 9% |
| PAC | Doval Building | 0 | 12 | 12 | 38% | 0 | 0 | 0 | 0% | 0 | 20 | 20 | 63% | 0 | 32 | 32 | 1% |
| ATL | EDS Panama | 18 | 0 | 18 | 58% | 2 | 0 | 2 | 6% | 11 | 0 | 11 | 35% | 31 | 0 | 31 | 1% |
| PAC | EDS Panamá | 0 | 11 | 11 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 11 | 11 | 0% |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 9% | 3 | 6 | 9 | 17% | 15 | 25 | 40 | 74% | 20 | 34 | 54 | 2% |
| ATL | Fripanel Panama, S.A. | 6 | 0 | 6 | 86% | 1 | 0 | 1 | 14% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 0% |
| ATL | Haztec | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 50% | 2 | 0 | 2 | 50% | 4 | 0 | 4 | 0% |
| ATL | Hidrosoluciones | 3 | 0 | 3 | 12% | 2 | 0 | 2 | 8% | 21 | 0 | 21 | 81% | 26 | 0 | 26 | 1% |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 5% | 22 | 25 | 47 | 9% | 232 | 230 | 462 | 86% | 266 | 272 | 538 | 19% |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 8% | 11 | 0 | 11 | 92% | 12 | 0 | 12 | 0% |
| ATL & PAC | Jan De Nul | 8 | 8 | 16 | 13% | 6 | 4 | 10 | 8% | 62 | 37 | 99 | 79% | 76 | 49 | 125 | 4% |
| ATL | Logisfer | 12 | 0 | 12 | 80% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 20% | 15 | 0 | 15 | 1% |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% |
| PAC | Perforaciones y Voladuras | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 89 | 83 | 172 | 98% | 91 | 85 | 176 | 6% |
| PAC | Serviblasting S.A. | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% |
| ATL & PAC | Siurell Obras Civiles | 26 | 6 | 32 | 13% | 1 | 1 | 2 | 1% | 186 | 30 | 216 | 86% | 213 | 37 | 250 | 9% |
| PAC | Tecozam Panama S.A. | 0 | 38 | 38 | 21% | 0 | 3 | 3 | 2% | 0 | 144 | 144 | 78% | 0 | 185 | 185 | 6% |
| PAC | Trevi-Galante S.A. | 0 | 2 | 2 | 4% | 0 | 1 | 1 | 2% | 0 | 51 | 51 | 94% | 0 | 54 | 54 | 2% |
| ATL & PAC | Varmed | 17 | 2 | 19 | 10% | 3 | 1 | 4 | 2% | 134 | 25 | 159 | 87% | 154 | 28 | 182 | 6% |
| ATL | Vilaplan Construcciones | 36 | 0 | 36 | 36% | 1 | 0 | 1 | 1% | 63 | 0 | 63 | 63% | 100 | 0 | 100 | 3% |
| ATL & PAC | Vulcor, S.A. | 1 | 0 | 1 | 7% | 0 | 1 | 1 | 7% | 6 | 6 | 12 | 86% | 7 | 7 | 14 | 0% |
| TOTAL | | 182 | 251 | 433 | 14.9% | 55 | 90 | 145 | 5.0% | 1,026 | 1,303 | 2,329 | 80.1% | 1,263 | 1,644 | 2,907 | 100.0% |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 64

Date: 3-Feb-15

Doc: G00/UPCMR0064-UA

JANUARY 2015 - SECTION 9

Page: 79 of 128

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (January 2015) | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-------------|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| PAC | Acusterm Panama, S.A. | 0 | 5 | 5 | 17% | 0 | 1 | 1 | 3% | 0 | 23 | 23 | 79% | 0 | 29 | 29 | 1% | |
| ATL & PAC | Armatek | 7 | 21 | 28 | 8% | 7 | 14 | 21 | 6% | 106 | 177 | 283 | 85% | 120 | 212 | 332 | 12% | |
| - | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | |
| ATL | Carpi Tech | 17 | 0 | 17 | 77% | 0 | 0 | 0 | 0% | 5 | 0 | 5 | 23% | 22 | 0 | 22 | 1% | |
| ATL | Centro de Investigaciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 30 | 17 | 47 | 31% | 4 | 6 | 10 | 7% | 53 | 41 | 94 | 62% | 87 | 64 | 151 | 5% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consortio Borinquen S.A. | 0 | 15 | 15 | 8% | 0 | 4 | 4 | 2% | 0 | 166 | 166 | 90% | 0 | 185 | 185 | 6% | |
| PAC | Construmarco Panama S.A. | 0 | 75 | 75 | 29% | 0 | 10 | 10 | 4% | 0 | 170 | 170 | 67% | 0 | 255 | 255 | 9% | |
| PAC | Doval Building | 0 | 13 | 13 | 36% | 0 | 0 | 0 | 0% | 0 | 23 | 23 | 64% | 0 | 36 | 36 | 1% | |
| ATL | EDS Panama | 14 | 0 | 14 | 61% | 2 | 0 | 2 | 9% | 7 | 0 | 7 | 30% | 23 | 0 | 23 | 1% | |
| PAC | EDS Panamá | 0 | 12 | 12 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 12 | 12 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 9% | 3 | 6 | 9 | 17% | 15 | 25 | 40 | 74% | 20 | 34 | 54 | 2% | |
| ATL | Fripanel Panama, S.A. | 11 | 0 | 11 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 12 | 0 | 12 | 0% | |
| ATL | Haztec | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 50% | 2 | 0 | 2 | 50% | 4 | 0 | 4 | 0% | |
| ATL | Hidrosoluciones | 3 | 0 | 3 | 12% | 2 | 0 | 2 | 8% | 21 | 0 | 21 | 81% | 26 | 0 | 26 | 1% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 6% | 22 | 25 | 47 | 10% | 197 | 215 | 412 | 84% | 231 | 257 | 488 | 17% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 8% | 12 | 0 | 12 | 92% | 13 | 0 | 13 | 0% | |
| ATL & PAC | Jan De Nul | 9 | 9 | 18 | 14% | 6 | 4 | 10 | 8% | 63 | 36 | 99 | 78% | 78 | 49 | 127 | 4% | |
| ATL | Logisfer | 5 | 0 | 5 | 33% | 0 | 0 | 0 | 0% | 10 | 0 | 10 | 67% | 15 | 0 | 15 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 91 | 83 | 174 | 98% | 93 | 85 | 178 | 6% | |
| PAC | Serviblasting S.A. | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 26 | 2 | 28 | 11% | 1 | 1 | 2 | 1% | 189 | 30 | 219 | 88% | 216 | 33 | 249 | 9% | |
| PAC | Tecozam Panama S.A. | 0 | 92 | 92 | 39% | 0 | 4 | 4 | 2% | 0 | 139 | 139 | 59% | 0 | 235 | 235 | 8% | |
| PAC | Trevi-Galante S.A. | 0 | 2 | 2 | 4% | 0 | 2 | 2 | 4% | 0 | 44 | 44 | 92% | 0 | 48 | 48 | 2% | |
| ATL & PAC | Varmed | 17 | 3 | 20 | 9% | 3 | 2 | 5 | 2% | 125 | 83 | 208 | 89% | 145 | 88 | 233 | 8% | |
| ATL | Vilaplano Construcciones | 39 | 0 | 39 | 38% | 1 | 0 | 1 | 1% | 62 | 0 | 62 | 61% | 102 | 0 | 102 | 4% | |
| ATL & PAC | Vulcor, S.A. | 1 | 0 | 1 | 7% | 0 | 1 | 1 | 7% | 6 | 6 | 12 | 86% | 7 | 7 | 14 | 0% | |
| TOTAL | | 193 | 287 | 480 | 16.7% | 57 | 83 | 140 | 4.9% | 972 | 1,275 | 2,247 | 78.4% | 1,222 | 1,645 | 2,867 | 100.0% | |

Table 9-5 Subcontractor Personnel List



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 65

Date: 9-Mar-15

Doc: G00/UPCMR0065-UA

FEBRUARY 2015 - SECTION 9

Page: 79 of 132

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (February 2015) | | | | | | | | | | | | | | | | | | |
|---|---|-------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 1 | 0 | 1 | 11% | 0 | 0 | 0 | 0% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| PAC | Acusterm Panama, S.A | 0 | 3 | 3 | 12% | 0 | 4 | 4 | 16% | 0 | 18 | 18 | 72% | 0 | 25 | 25 | 1% | |
| ATL & PAC | Armatek | 5 | 22 | 27 | 10% | 7 | 14 | 21 | 8% | 82 | 139 | 221 | 82% | 94 | 175 | 269 | 8% | |
| ATL | Auditel | 12 | 0 | 12 | 29% | 2 | 0 | 2 | 5% | 28 | 0 | 28 | 67% | 42 | 0 | 42 | 1% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 6 | 0 | 6 | 100% | 6 | 0 | 6 | 0% | |
| ATL | Carpí Tech | 36 | 0 | 36 | 61% | 1 | 0 | 1 | 2% | 22 | 0 | 22 | 37% | 59 | 0 | 59 | 2% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 34 | 28 | 62 | 33% | 3 | 4 | 7 | 4% | 72 | 49 | 121 | 64% | 109 | 81 | 190 | 6% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 18 | 18 | 8% | 0 | 15 | 15 | 7% | 0 | 194 | 194 | 85% | 0 | 227 | 227 | 7% | |
| ATL & PAC | Construcciones Varmed | 15 | 4 | 19 | 8% | 3 | 3 | 6 | 2% | 133 | 92 | 225 | 90% | 151 | 99 | 250 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 99 | 99 | 33% | 0 | 9 | 9 | 3% | 0 | 190 | 190 | 64% | 0 | 298 | 298 | 9% | |
| PAC | Doval Building | 0 | 12 | 12 | 35% | 0 | 1 | 1 | 3% | 0 | 21 | 21 | 62% | 0 | 34 | 34 | 1% | |
| PAC | Eaton Industries | 0 | 1 | 1 | 6% | 0 | 9 | 9 | 56% | 0 | 6 | 6 | 38% | 0 | 16 | 16 | 0% | |
| ATL | EDS Panama | 23 | 0 | 23 | 33% | 2 | 0 | 2 | 3% | 45 | 0 | 45 | 64% | 70 | 0 | 70 | 2% | |
| PAC | EDS Panamá | 0 | 12 | 12 | 92% | 0 | 1 | 1 | 8% | 0 | 0 | 0 | 0% | 0 | 13 | 13 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 9% | 3 | 6 | 9 | 17% | 14 | 25 | 39 | 74% | 19 | 34 | 53 | 2% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 24 | 29 | 53 | 23% | 4 | 4 | 8 | 3% | 89 | 84 | 173 | 74% | 117 | 117 | 234 | 7% | |
| ATL | Fripanel Panama, S.A | 12 | 0 | 12 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 13 | 0 | 13 | 0% | |
| ATL | Haztec | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 50% | 2 | 0 | 2 | 50% | 4 | 0 | 4 | 0% | |
| ATL | Hidrosoluciones | 3 | 0 | 3 | 14% | 2 | 0 | 2 | 9% | 17 | 0 | 17 | 77% | 22 | 0 | 22 | 1% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 7% | 22 | 25 | 47 | 11% | 174 | 161 | 335 | 82% | 208 | 203 | 411 | 12% | |
| ATL | Imocom | 4 | 0 | 4 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 0% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 8% | 12 | 0 | 12 | 92% | 13 | 0 | 13 | 0% | |
| ATL & PAC | Jan De Nul | 9 | 38 | 47 | 29% | 5 | 6 | 11 | 7% | 62 | 41 | 103 | 64% | 76 | 85 | 161 | 5% | |
| ATL | Logisfer | 4 | 0 | 4 | 33% | 0 | 0 | 0 | 0% | 8 | 0 | 8 | 67% | 12 | 0 | 12 | 0% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Sampol | 0 | 2 | 2 | 67% | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 3 | 3 | 0% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 95 | 76 | 171 | 98% | 97 | 78 | 175 | 5% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 29 | 2 | 31 | 12% | 1 | 1 | 2 | 1% | 183 | 41 | 224 | 87% | 213 | 44 | 257 | 8% | |
| PAC | Tecozam Panama S.A | 0 | 137 | 137 | 46% | 0 | 3 | 3 | 1% | 0 | 159 | 159 | 53% | 0 | 299 | 299 | 9% | |
| PAC | Trevi-Galante S.A | 0 | 6 | 6 | 9% | 0 | 1 | 1 | 2% | 0 | 57 | 57 | 89% | 0 | 64 | 64 | 2% | |
| ATL | Vilaplano Construcciones | 39 | 0 | 39 | 39% | 1 | 0 | 1 | 1% | 61 | 0 | 61 | 60% | 101 | 0 | 101 | 3% | |
| ATL & PAC | Vulcor, S.A | 1 | 2 | 3 | 14% | 1 | 1 | 2 | 10% | 5 | 11 | 16 | 76% | 7 | 14 | 21 | 1% | |
| TOTAL | | 265 | 436 | 701 | 20.7% | 63 | 111 | 174 | 5.1% | 1,129 | 1,378 | 2,507 | 74.1% | 1,457 | 1,925 | 3,382 | 100.0% | |

Table 9-5 Subcontractor Personnel List



MONTHLY PROGRESS REPORT No. 66

Date: 14-Apr-15

Doc: G00/UPCMR0066-UA

MARCH 2015 - SECTION 9

Page: 79 of 134

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (March 2015) | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|-------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 11 | 0 | 11 | 85% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 15% | 13 | 0 | 13 | 0% | |
| PAC | Acusterm Panama, S.A. | 0 | 3 | 3 | 14% | 0 | 3 | 3 | 14% | 0 | 16 | 16 | 73% | 0 | 22 | 22 | 1% | |
| ATL & PAC | Armatek | 5 | 21 | 26 | 11% | 6 | 13 | 19 | 8% | 63 | 133 | 196 | 81% | 74 | 167 | 241 | 8% | |
| ATL | Auditel | 17 | 0 | 17 | 38% | 5 | 0 | 5 | 11% | 23 | 0 | 23 | 51% | 45 | 0 | 45 | 1% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| ATL | Carpi Tech | 40 | 0 | 40 | 58% | 2 | 0 | 2 | 3% | 27 | 0 | 27 | 39% | 69 | 0 | 69 | 2% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 43 | 58 | 101 | 42% | 4 | 8 | 12 | 5% | 70 | 57 | 127 | 53% | 117 | 123 | 240 | 8% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 18 | 18 | 8% | 0 | 12 | 12 | 5% | 0 | 199 | 199 | 87% | 0 | 229 | 229 | 7% | |
| ATL & PAC | Construcciones Varmed | 10 | 5 | 15 | 6% | 3 | 3 | 6 | 3% | 135 | 76 | 211 | 91% | 148 | 84 | 232 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 104 | 104 | 34% | 0 | 10 | 10 | 3% | 0 | 195 | 195 | 63% | 0 | 309 | 309 | 10% | |
| PAC | Doval Building | 0 | 12 | 12 | 33% | 0 | 1 | 1 | 3% | 0 | 23 | 23 | 64% | 0 | 36 | 36 | 1% | |
| PAC | Eaton Industries | 0 | 1 | 1 | 6% | 0 | 9 | 9 | 56% | 0 | 6 | 6 | 38% | 0 | 16 | 16 | 1% | |
| ATL | EDS Panama | 21 | 0 | 21 | 26% | 3 | 0 | 3 | 4% | 58 | 0 | 58 | 71% | 82 | 0 | 82 | 3% | |
| PAC | EDS Panamá | 0 | 11 | 11 | 92% | 0 | 1 | 1 | 8% | 0 | 0 | 0 | 0% | 0 | 12 | 12 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 10% | 2 | 6 | 8 | 16% | 13 | 23 | 36 | 73% | 17 | 32 | 49 | 2% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 9 | 8 | 17 | 26% | 4 | 8 | 12 | 18% | 17 | 20 | 37 | 56% | 30 | 36 | 66 | 2% | |
| ATL | Fripanel Panama, S.A | 12 | 0 | 12 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 13 | 0 | 13 | 0% | |
| ATL & PAC | Hidrosoluciones | 2 | 1 | 3 | 13% | 2 | 2 | 4 | 17% | 9 | 8 | 17 | 71% | 13 | 11 | 24 | 1% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 8% | 22 | 25 | 47 | 12% | 160 | 150 | 310 | 80% | 194 | 192 | 386 | 12% | |
| ATL | Imocom | 4 | 0 | 4 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 0% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 8% | 11 | 0 | 11 | 92% | 12 | 0 | 12 | 0% | |
| ATL & PAC | Jan De Nul | 10 | 8 | 18 | 13% | 5 | 4 | 9 | 6% | 75 | 37 | 112 | 81% | 90 | 49 | 139 | 4% | |
| ATL | Nino Caina Construcciones, S.A | 6 | 0 | 6 | 26% | 0 | 0 | 0 | 0% | 17 | 0 | 17 | 74% | 23 | 0 | 23 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 1 | 1 | 33% | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 67% | 0 | 3 | 3 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Sampol | 0 | 9 | 9 | 33% | 0 | 0 | 0 | 0% | 0 | 18 | 18 | 67% | 0 | 27 | 27 | 1% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 96 | 86 | 182 | 98% | 98 | 88 | 186 | 6% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 29 | 6 | 35 | 14% | 2 | 1 | 3 | 1% | 154 | 56 | 210 | 85% | 185 | 63 | 248 | 8% | |
| PAC | Teco zam Panama S.A | 0 | 140 | 140 | 46% | 0 | 4 | 4 | 1% | 0 | 162 | 162 | 53% | 0 | 306 | 306 | 10% | |
| ATL | Trevi Galante | 2 | 0 | 2 | 22% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% | |
| PAC | Trevi-Galante S.A | 0 | 1 | 1 | 4% | 0 | 1 | 1 | 4% | 0 | 23 | 23 | 92% | 0 | 25 | 25 | 1% | |
| ATL | Vilaplanos Construcciones | 27 | 0 | 27 | 45% | 1 | 0 | 1 | 2% | 32 | 0 | 32 | 53% | 60 | 0 | 60 | 2% | |
| ATL & PAC | Vulcor, S.A | 1 | 2 | 3 | 14% | 1 | 1 | 2 | 10% | 5 | 11 | 16 | 76% | 7 | 14 | 21 | 1% | |
| TOTAL | | 263 | 429 | 692 | 21.8% | 67 | 115 | 182 | 5.7% | 993 | 1,313 | 2,306 | 72.5% | 1,323 | 1,857 | 3,180 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 67

Date: 11-May-15

Doc: G00/UPCMR0067-UA

APRIL 2015 - SECTION 9

Page: 79 of 134

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (April 2015) | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|-------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 14 | 0 | 14 | 88% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 13% | 16 | 0 | 16 | 1% | |
| PAC | Acusterm Panama, S.A | 0 | 3 | 3 | 14% | 0 | 3 | 3 | 14% | 0 | 16 | 16 | 73% | 0 | 22 | 22 | 1% | |
| ATL & PAC | Armatek | 3 | 20 | 23 | 12% | 6 | 14 | 20 | 10% | 38 | 111 | 149 | 78% | 47 | 145 | 192 | 6% | |
| ATL | Auditel | 16 | 0 | 16 | 31% | 5 | 0 | 5 | 10% | 30 | 0 | 30 | 59% | 51 | 0 | 51 | 2% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Carpi Tech | 27 | 9 | 36 | 51% | 2 | 1 | 3 | 4% | 32 | 0 | 32 | 45% | 61 | 10 | 71 | 2% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 43 | 58 | 101 | 42% | 4 | 8 | 12 | 5% | 70 | 57 | 127 | 53% | 117 | 123 | 240 | 8% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consortio Borinquen S.A | 0 | 18 | 18 | 8% | 0 | 11 | 11 | 5% | 0 | 201 | 201 | 87% | 0 | 230 | 230 | 7% | |
| ATL & PAC | Construcciones Varmed | 14 | 7 | 21 | 8% | 3 | 3 | 6 | 2% | 130 | 95 | 225 | 89% | 147 | 105 | 252 | 8% | |
| PAC | Construmarco Panama S.A | 0 | 104 | 104 | 33% | 0 | 10 | 10 | 3% | 0 | 198 | 198 | 63% | 0 | 312 | 312 | 10% | |
| PAC | Doval Building | 0 | 11 | 11 | 28% | 0 | 1 | 1 | 3% | 0 | 28 | 28 | 70% | 0 | 40 | 40 | 1% | |
| PAC | Eaton Industries | 0 | 1 | 1 | 3% | 0 | 9 | 9 | 27% | 0 | 23 | 23 | 70% | 0 | 33 | 33 | 1% | |
| ATL | EDS Panama | 21 | 0 | 21 | 26% | 3 | 0 | 3 | 4% | 58 | 0 | 58 | 71% | 82 | 0 | 82 | 3% | |
| PAC | EDS Panamá | 0 | 11 | 11 | 92% | 0 | 1 | 1 | 8% | 0 | 0 | 0 | 0% | 0 | 12 | 12 | 0% | |
| ATL & PAC | Energia Integral Andina | 3 | 3 | 6 | 75% | 1 | 1 | 2 | 25% | 0 | 0 | 0 | 0% | 4 | 4 | 8 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 10% | 2 | 6 | 8 | 16% | 14 | 22 | 36 | 73% | 18 | 31 | 49 | 2% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 9 | 8 | 17 | 26% | 4 | 8 | 12 | 18% | 17 | 20 | 37 | 56% | 30 | 36 | 66 | 2% | |
| ATL | Fripanel Panama, S.A | 12 | 0 | 12 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 13 | 0 | 13 | 0% | |
| ATL & PAC | Hidrosoluciones | 2 | 1 | 3 | 10% | 2 | 2 | 4 | 13% | 15 | 8 | 23 | 77% | 19 | 11 | 30 | 1% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 9% | 22 | 25 | 47 | 15% | 110 | 124 | 234 | 75% | 144 | 166 | 310 | 10% | |
| PAC | Imocom | 0 | 4 | 4 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 0% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 10% | 9 | 0 | 9 | 90% | 10 | 0 | 10 | 0% | |
| ATL & PAC | Jan De Nul | 9 | 9 | 18 | 13% | 7 | 5 | 12 | 8% | 78 | 36 | 114 | 79% | 94 | 50 | 144 | 5% | |
| ATL & PAC | Nino Caina Construcciones, S.A | 5 | 2 | 7 | 16% | 0 | 2 | 2 | 5% | 22 | 13 | 35 | 80% | 27 | 17 | 44 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 5 | 5 | 83% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 17% | 0 | 6 | 6 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Sampol | 0 | 4 | 4 | 14% | 0 | 4 | 4 | 14% | 0 | 20 | 20 | 71% | 0 | 28 | 28 | 1% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 104 | 88 | 192 | 98% | 106 | 90 | 196 | 6% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 24 | 7 | 31 | 14% | 1 | 1 | 2 | 1% | 125 | 71 | 196 | 86% | 150 | 79 | 229 | 7% | |
| PAC | Tecozam Panama S.A | 0 | 142 | 142 | 46% | 0 | 4 | 4 | 1% | 0 | 163 | 163 | 53% | 0 | 309 | 309 | 10% | |
| ATL & PAC | Trevi-Galante S.A | 2 | 3 | 5 | 11% | 0 | 2 | 2 | 4% | 7 | 32 | 39 | 85% | 9 | 37 | 46 | 1% | |
| ATL | Vilaplano Construcciones | 16 | 0 | 16 | 43% | 1 | 0 | 1 | 3% | 20 | 0 | 20 | 54% | 37 | 0 | 37 | 1% | |
| ATL & PAC | Vulcor, S.A | 1 | 2 | 3 | 14% | 1 | 1 | 2 | 10% | 5 | 11 | 16 | 76% | 7 | 14 | 21 | 1% | |
| TOTAL | | 235 | 452 | 687 | 21.9% | 69 | 125 | 194 | 6.2% | 905 | 1,350 | 2,255 | 71.9% | 1,209 | 1,927 | 3,136 | 100.0% | |

Table 9-5 Subcontractor Personnel List



MONTHLY PROGRESS REPORT No. 68

Date: 12-Jun-15

Doc: G00/UPCMR0068-UA

MAY 2015 - SECTION 9

Page: 81 of 136

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (May 2015) | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|-------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 13 | 0 | 13 | 87% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 13% | 15 | 0 | 15 | 0% | |
| ATL & PAC | Actyon Panama | 14 | 3 | 17 | 41% | 1 | 1 | 2 | 5% | 20 | 2 | 22 | 54% | 35 | 6 | 41 | 1% | |
| PAC | Acusterm Panama, S.A. | 0 | 8 | 8 | 23% | 0 | 3 | 3 | 9% | 0 | 24 | 24 | 69% | 0 | 35 | 35 | 1% | |
| ATL & PAC | Armatek | 3 | 19 | 22 | 14% | 4 | 13 | 17 | 11% | 34 | 81 | 115 | 75% | 41 | 113 | 154 | 5% | |
| ATL | Auditel | 18 | 0 | 18 | 29% | 5 | 0 | 5 | 8% | 39 | 0 | 39 | 63% | 62 | 0 | 62 | 2% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Carp Tech | 26 | 20 | 46 | 35% | 1 | 2 | 3 | 2% | 54 | 29 | 83 | 63% | 81 | 51 | 132 | 4% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 43 | 58 | 101 | 42% | 4 | 8 | 12 | 5% | 70 | 57 | 127 | 53% | 117 | 123 | 240 | 7% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consortio Borinquen S.A | 0 | 17 | 17 | 7% | 0 | 10 | 10 | 4% | 0 | 219 | 219 | 89% | 0 | 246 | 246 | 7% | |
| ATL & PAC | Construcciones Varmed | 14 | 7 | 21 | 8% | 3 | 3 | 6 | 2% | 130 | 95 | 225 | 89% | 147 | 105 | 252 | 8% | |
| PAC | Construmarco Panama S.A | 0 | 83 | 83 | 29% | 0 | 10 | 10 | 3% | 0 | 198 | 198 | 68% | 0 | 291 | 291 | 9% | |
| PAC | Doval Building | 0 | 14 | 14 | 33% | 0 | 1 | 1 | 2% | 0 | 28 | 28 | 65% | 0 | 43 | 43 | 1% | |
| PAC | Eaton Industries | 0 | 1 | 1 | 3% | 0 | 10 | 10 | 27% | 0 | 26 | 26 | 70% | 0 | 37 | 37 | 1% | |
| ATL & PAC | EDS Panama | 32 | 16 | 48 | 63% | 3 | 2 | 5 | 7% | 21 | 2 | 23 | 30% | 56 | 20 | 76 | 2% | |
| ATL & PAC | Energia Integral Andina | 8 | 8 | 16 | 62% | 2 | 2 | 4 | 15% | 3 | 3 | 6 | 23% | 13 | 13 | 26 | 1% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 11% | 2 | 6 | 8 | 17% | 13 | 20 | 33 | 72% | 17 | 29 | 46 | 1% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 13 | 15 | 28 | 17% | 5 | 7 | 12 | 7% | 54 | 75 | 129 | 76% | 72 | 97 | 169 | 5% | |
| ATL | Fripanel Panama, S.A | 12 | 0 | 12 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 13 | 0 | 13 | 0% | |
| ATL & PAC | Hidrosoluciones | 2 | 1 | 3 | 9% | 2 | 2 | 4 | 13% | 14 | 11 | 25 | 78% | 18 | 14 | 32 | 1% | |
| ATL & PAC | Hyundai | 12 | 17 | 29 | 11% | 20 | 22 | 42 | 15% | 87 | 113 | 200 | 74% | 119 | 152 | 271 | 8% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 10% | 9 | 0 | 9 | 90% | 10 | 0 | 10 | 0% | |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 18% | 9 | 0 | 9 | 82% | 11 | 0 | 11 | 0% | |
| ATL & PAC | Jan De Nul | 10 | 10 | 20 | 12% | 7 | 5 | 12 | 7% | 102 | 37 | 139 | 81% | 119 | 52 | 171 | 5% | |
| PAC | Marine Metal Coating | 0 | 0 | 0 | 0% | 0 | 2 | 2 | 25% | 0 | 6 | 6 | 75% | 0 | 8 | 8 | 0% | |
| ATL | Nino Caina Construcciones, S.A | 6 | 0 | 6 | 18% | 0 | 0 | 0 | 0% | 28 | 0 | 28 | 82% | 34 | 0 | 34 | 1% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 5 | 5 | 83% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 17% | 0 | 6 | 6 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Sampol | 0 | 4 | 4 | 12% | 0 | 4 | 4 | 12% | 0 | 26 | 26 | 76% | 0 | 34 | 34 | 1% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 107 | 88 | 195 | 98% | 109 | 90 | 199 | 6% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 24 | 7 | 31 | 14% | 2 | 1 | 3 | 1% | 105 | 79 | 184 | 84% | 131 | 87 | 218 | 7% | |
| PAC | Tecozam Panama S.A | 0 | 140 | 140 | 45% | 0 | 4 | 4 | 1% | 0 | 164 | 164 | 53% | 0 | 308 | 308 | 9% | |
| PAC | Tincel Construction | 0 | 5 | 5 | 18% | 0 | 2 | 2 | 7% | 0 | 21 | 21 | 75% | 0 | 28 | 28 | 1% | |
| ATL & PAC | Trevi-Galante S.A | 2 | 2 | 4 | 9% | 0 | 1 | 1 | 2% | 7 | 32 | 39 | 89% | 9 | 35 | 44 | 1% | |
| ATL | Vilaplan Construcciones | 15 | 0 | 15 | 42% | 1 | 0 | 1 | 3% | 20 | 0 | 20 | 56% | 36 | 0 | 36 | 1% | |
| PAC | Vulcor, S.A | 0 | 2 | 2 | 14% | 0 | 1 | 1 | 7% | 0 | 11 | 11 | 79% | 0 | 14 | 14 | 0% | |
| TOTAL | | 269 | 465 | 734 | 22.0% | 69 | 125 | 194 | 5.8% | 947 | 1,460 | 2,407 | 72.2% | 1,285 | 2,050 | 3,335 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 69

Date: 10-Jul-15

Doc: G00/UPCMR0069-UA

JUNE 2015 - SECTION 9

Page: 79 of 136

9.1.4 Subcontractor's Personnel on Site

| SITE | COMPANY | Subcontractor Headcount (June 2015) | | | | | | | | | | | | | | | |
|--------------|---|-------------------------------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % |
| ATL | Aceros de Araia | 14 | 0 | 14 | 88% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 13% | 16 | 0 | 16 | 1% |
| ATL & PAC | Actyon Panama | 13 | 5 | 18 | 41% | 1 | 1 | 2 | 5% | 16 | 8 | 24 | 55% | 30 | 14 | 44 | 1% |
| PAC | Acusterm Panama, S.A | 0 | 10 | 10 | 24% | 0 | 1 | 1 | 2% | 0 | 31 | 31 | 74% | 0 | 42 | 42 | 1% |
| ATL & PAC | Armatek | 2 | 15 | 17 | 13% | 3 | 13 | 16 | 12% | 23 | 78 | 101 | 75% | 28 | 106 | 134 | 5% |
| ATL | Auditel | 18 | 0 | 18 | 23% | 5 | 0 | 5 | 6% | 54 | 0 | 54 | 70% | 77 | 0 | 77 | 3% |
| PAC | Avantis | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 100% | 0 | 1 | 1 | 0% |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% |
| ATL & PAC | Carpi Tech | 21 | 21 | 42 | 34% | 2 | 2 | 4 | 3% | 39 | 39 | 78 | 63% | 62 | 62 | 124 | 4% |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% |
| ATL & PAC | Cimolai | 43 | 58 | 101 | 42% | 4 | 8 | 12 | 5% | 70 | 57 | 127 | 53% | 117 | 123 | 240 | 8% |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% |
| PAC | Consorcio Borinquen S.A | 0 | 16 | 16 | 7% | 0 | 10 | 10 | 4% | 0 | 199 | 199 | 88% | 0 | 225 | 225 | 8% |
| ATL & PAC | Construcciones Varmed | 11 | 6 | 17 | 9% | 3 | 3 | 6 | 3% | 106 | 65 | 171 | 88% | 120 | 74 | 194 | 7% |
| PAC | Construmarco Panama S.A | 0 | 83 | 83 | 31% | 0 | 11 | 11 | 4% | 0 | 178 | 178 | 65% | 0 | 272 | 272 | 9% |
| PAC | Doval Building | 0 | 11 | 11 | 24% | 0 | 1 | 1 | 2% | 0 | 34 | 34 | 74% | 0 | 46 | 46 | 2% |
| PAC | Eaton Industries | 0 | 2 | 2 | 3% | 0 | 12 | 12 | 16% | 0 | 60 | 60 | 81% | 0 | 74 | 74 | 3% |
| ATL & PAC | EDS Panama | 32 | 16 | 48 | 63% | 3 | 2 | 5 | 7% | 21 | 2 | 23 | 30% | 56 | 20 | 76 | 3% |
| ATL & PAC | Energia Integral Andina | 8 | 8 | 16 | 62% | 2 | 2 | 4 | 15% | 3 | 3 | 6 | 23% | 13 | 13 | 26 | 1% |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 11% | 2 | 6 | 8 | 18% | 15 | 17 | 32 | 71% | 19 | 26 | 45 | 2% |
| ATL & PAC | FCC Industrial de Panama, S.A | 13 | 15 | 28 | 17% | 5 | 7 | 12 | 7% | 54 | 75 | 129 | 76% | 72 | 97 | 169 | 6% |
| ATL | Fripanel Panama, S.A | 12 | 0 | 12 | 92% | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 13 | 0 | 13 | 0% |
| ATL & PAC | Hidrosoluciones | 2 | 1 | 3 | 7% | 2 | 2 | 4 | 10% | 13 | 22 | 35 | 83% | 17 | 25 | 42 | 1% |
| ATL & PAC | Hyundai | 12 | 12 | 24 | 12% | 20 | 20 | 40 | 20% | 69 | 69 | 138 | 68% | 101 | 101 | 202 | 7% |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 25% | 6 | 0 | 6 | 75% | 8 | 0 | 8 | 0% |
| ATL & PAC | Jan De Nul | 9 | 9 | 18 | 11% | 7 | 5 | 12 | 7% | 97 | 34 | 131 | 81% | 113 | 48 | 161 | 5% |
| PAC | Marine Metal Coating | 0 | 0 | 0 | 0% | 0 | 3 | 3 | 23% | 0 | 10 | 10 | 77% | 0 | 13 | 13 | 0% |
| ATL | Nino Caina Construcciones, S.A | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 9 | 0 | 9 | 100% | 9 | 0 | 9 | 0% |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 50% | 1 | 0 | 1 | 50% | 2 | 0 | 2 | 0% |
| PAC | Sampol | 0 | 4 | 4 | 12% | 0 | 4 | 4 | 12% | 0 | 26 | 26 | 76% | 0 | 34 | 34 | 1% |
| ATL & PAC | Selex ES | 6 | 6 | 12 | 55% | 2 | 2 | 4 | 18% | 3 | 3 | 6 | 27% | 11 | 11 | 22 | 1% |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 113 | 70 | 183 | 98% | 115 | 72 | 187 | 6% |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% |
| ATL & PAC | Siurell Obras Civiles | 18 | 2 | 20 | 32% | 1 | 0 | 1 | 2% | 41 | 1 | 42 | 67% | 60 | 3 | 63 | 2% |
| PAC | Tecozam Panama S.A | 0 | 123 | 123 | 50% | 0 | 5 | 5 | 2% | 0 | 118 | 118 | 48% | 0 | 246 | 246 | 8% |
| PAC | Tincel Construction | 0 | 5 | 5 | 23% | 0 | 2 | 2 | 9% | 0 | 15 | 15 | 68% | 0 | 22 | 22 | 1% |
| PAC | Trevi-Galante S.A | 0 | 3 | 3 | 8% | 0 | 2 | 2 | 5% | 0 | 33 | 33 | 87% | 0 | 38 | 38 | 1% |
| ATL | Vilaplane Construcciones | 15 | 0 | 15 | 42% | 1 | 0 | 1 | 3% | 20 | 0 | 20 | 56% | 36 | 0 | 36 | 1% |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 11% | 0 | 1 | 1 | 11% | 0 | 7 | 7 | 78% | 0 | 9 | 9 | 0% |
| TOTAL | | 251 | 439 | 690 | 23.3% | 71 | 128 | 199 | 6.7% | 799 | 1,268 | 2,067 | 69.9% | 1,121 | 1,835 | 2,956 | 100.0% |

Table 9-5 Subcontractor Personnel List



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 70

Date: 1-Aug-15

Doc: G00/UPCMR0070-UA

JULY 2015 - SECTION 9

Page: 75 of 130

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (July 2015) | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|-------------|---------|-----|-------|-------------|---------|-----|------|---------------|---------|-------|-------|----------|---------|-------|--------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 13 | 0 | 13 | 87% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 13% | 15 | 0 | 15 | 1% | |
| ATL & PAC | Actyon Panama | 10 | 6 | 16 | 37% | 1 | 1 | 2 | 5% | 14 | 11 | 25 | 58% | 25 | 18 | 43 | 2% | |
| PAC | Acusterm Panama, S.A. | 0 | 10 | 10 | 18% | 0 | 2 | 2 | 4% | 0 | 43 | 43 | 78% | 0 | 55 | 55 | 3% | |
| ATL & PAC | Armatek | 1 | 14 | 15 | 16% | 2 | 13 | 15 | 16% | 23 | 42 | 65 | 68% | 26 | 69 | 95 | 4% | |
| PAC | Avantis | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 100% | 0 | 1 | 1 | 0% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Carpi Tech | 30 | 19 | 49 | 34% | 1 | 3 | 4 | 3% | 54 | 38 | 92 | 63% | 85 | 60 | 145 | 7% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A. | 0 | 13 | 13 | 6% | 0 | 9 | 9 | 4% | 0 | 180 | 180 | 89% | 0 | 202 | 202 | 9% | |
| ATL | Construcciones Electromecanicas, S.A. | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 17% | 10 | 0 | 10 | 83% | 12 | 0 | 12 | 1% | |
| ATL & PAC | Construcciones Varmed | 9 | 6 | 15 | 8% | 3 | 3 | 6 | 3% | 101 | 62 | 163 | 89% | 113 | 71 | 184 | 9% | |
| PAC | Construmarco Panama S.A | 0 | 41 | 41 | 25% | 0 | 9 | 9 | 5% | 0 | 116 | 116 | 70% | 0 | 166 | 166 | 8% | |
| PAC | Doval Building | 0 | 10 | 10 | 23% | 0 | 1 | 1 | 2% | 0 | 33 | 33 | 75% | 0 | 44 | 44 | 2% | |
| ATL & PAC | EDS Panama | 16 | 16 | 32 | 73% | 1 | 0 | 1 | 2% | 10 | 1 | 11 | 25% | 27 | 17 | 44 | 2% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 12% | 2 | 6 | 8 | 19% | 14 | 16 | 30 | 70% | 18 | 25 | 43 | 2% | |
| ATL & PAC | FCC Industrial de Panama, S.A. | 22 | 15 | 37 | 16% | 8 | 8 | 16 | 7% | 86 | 93 | 179 | 77% | 116 | 116 | 232 | 11% | |
| ATL | Fripanel Panama, S.A. | 8 | 0 | 8 | 89% | 1 | 0 | 1 | 11% | 0 | 0 | 0 | 0% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Hidrosoluciones | 2 | 1 | 3 | 8% | 2 | 2 | 4 | 11% | 13 | 18 | 31 | 82% | 17 | 21 | 38 | 2% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% | |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 25% | 6 | 0 | 6 | 75% | 8 | 0 | 8 | 0% | |
| ATL & PAC | Jan de Nul | 9 | 9 | 18 | 13% | 7 | 5 | 12 | 8% | 78 | 35 | 113 | 79% | 94 | 49 | 143 | 7% | |
| PAC | Jan de Nul Panama | 0 | 24 | 24 | 34% | 0 | 10 | 10 | 14% | 0 | 36 | 36 | 51% | 0 | 70 | 70 | 3% | |
| ATL | Nino Caina Construcciones, S.A | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 9 | 0 | 9 | 100% | 9 | 0 | 9 | 0% | |
| ATL | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 13% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 88% | 8 | 0 | 8 | 0% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 118 | 92 | 210 | 98% | 120 | 94 | 214 | 10% | |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Siurell Obras Civiles | 6 | 2 | 8 | 12% | 1 | 0 | 1 | 2% | 56 | 1 | 57 | 86% | 63 | 3 | 66 | 3% | |
| PAC | Tecozam Panama S.A | 0 | 74 | 74 | 50% | 0 | 4 | 4 | 3% | 0 | 69 | 69 | 47% | 0 | 147 | 147 | 7% | |
| ATL & PAC | Tincel Construction | 2 | 4 | 6 | 21% | 0 | 2 | 2 | 7% | 2 | 18 | 20 | 71% | 4 | 24 | 28 | 1% | |
| ATL | Trevi | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Trevi-Galante S.A | 0 | 3 | 3 | 10% | 0 | 2 | 2 | 6% | 0 | 26 | 26 | 84% | 0 | 31 | 31 | 1% | |
| ATL | Vilaplano Construcciones | 11 | 0 | 11 | 44% | 1 | 0 | 1 | 4% | 13 | 0 | 13 | 52% | 25 | 0 | 25 | 1% | |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% | |
| TOTAL | | 142 | 275 | 417 | 19.6% | 38 | 84 | 122 | 5.7% | 643 | 949 | 1,592 | 74.7% | 823 | 1,308 | 2,131 | 100.0% | |

Table 9-5 Subcontractor Personnel List



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 71

Date: 9-Sep-15

Doc: G00/UPCMR0071-UA

AUGUST 2015 - SECTION 9

Page: 75 of 132

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (August 2015) | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|-------------|------------|------------|--------------|-------------|------------|------------|-------------|---------------|--------------|--------------|--------------|------------|--------------|--------------|---------------|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % |
| ATL | Aceros de Araia | 14 | 0 | 14 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 14 | 0 | 14 | 1% |
| ATL & PAC | Actyon Panama | 7 | 7 | 14 | 33% | 1 | 1 | 2 | 5% | 14 | 12 | 26 | 62% | 22 | 20 | 42 | 2% |
| PAC | Acusterm Panama, S.A | 0 | 10 | 10 | 34% | 0 | 2 | 2 | 7% | 0 | 17 | 17 | 59% | 0 | 29 | 29 | 1% |
| PAC | Armatek | 0 | 11 | 11 | 22% | 0 | 11 | 11 | 22% | 0 | 28 | 28 | 56% | 0 | 50 | 50 | 2% |
| PAC | Avantis | 0 | 3 | 3 | 3% | 0 | 8 | 8 | 7% | 0 | 104 | 104 | 90% | 0 | 115 | 115 | 4% |
| ATL & PAC | Carp Tech | 22 | 17 | 39 | 28% | 1 | 2 | 3 | 2% | 53 | 43 | 96 | 70% | 76 | 62 | 138 | 5% |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% |
| ATL & PAC | Cimolai | 25 | 20 | 45 | 29% | 2 | 3 | 5 | 3% | 62 | 43 | 105 | 68% | 89 | 66 | 155 | 6% |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% |
| PAC | Consortio Borinquen S.A | 0 | 13 | 13 | 11% | 0 | 9 | 9 | 8% | 0 | 96 | 96 | 81% | 0 | 118 | 118 | 4% |
| ATL | Construcciones Electromecanicas, S.A. | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 50% | 2 | 0 | 2 | 50% | 4 | 0 | 4 | 0% |
| ATL & PAC | Construcciones Varmed | 10 | 9 | 19 | 10% | 3 | 3 | 6 | 3% | 106 | 69 | 175 | 88% | 119 | 81 | 200 | 7% |
| PAC | Construmarco Panama S.A | 0 | 41 | 41 | 26% | 0 | 8 | 8 | 5% | 0 | 111 | 111 | 69% | 0 | 160 | 160 | 6% |
| PAC | Doval Building | 0 | 12 | 12 | 27% | 0 | 1 | 1 | 2% | 0 | 31 | 31 | 70% | 0 | 44 | 44 | 2% |
| ATL & PAC | Eaton | 0 | 3 | 3 | 2% | 0 | 11 | 11 | 9% | 11 | 102 | 113 | 89% | 11 | 116 | 127 | 5% |
| ATL & PAC | EDS Panama | 17 | 8 | 25 | 74% | 1 | 0 | 1 | 3% | 8 | 0 | 8 | 24% | 26 | 8 | 34 | 1% |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 17% | 0 | 6 | 6 | 21% | 4 | 14 | 18 | 62% | 6 | 23 | 29 | 1% |
| ATL & PAC | FCC Industrial de Panama, S.A | 23 | 16 | 39 | 17% | 5 | 8 | 13 | 6% | 91 | 92 | 183 | 78% | 119 | 116 | 235 | 9% |
| ATL | Fripanel Panama, S.A | 8 | 0 | 8 | 40% | 1 | 0 | 1 | 5% | 11 | 0 | 11 | 55% | 20 | 0 | 20 | 1% |
| ATL & PAC | Hidrosoluciones | 1 | 1 | 2 | 6% | 1 | 1 | 2 | 6% | 13 | 17 | 30 | 88% | 15 | 19 | 34 | 1% |
| ATL & PAC | Hyundai | 10 | 10 | 20 | 18% | 14 | 11 | 25 | 23% | 35 | 30 | 65 | 59% | 59 | 51 | 110 | 4% |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 11% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 22% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% |
| ATL & PAC | Jan de Nul | 9 | 9 | 18 | 12% | 7 | 5 | 12 | 8% | 79 | 37 | 116 | 79% | 95 | 51 | 146 | 5% |
| PAC | Jan de Nul Panama | 0 | 73 | 73 | 34% | 0 | 15 | 15 | 7% | 0 | 126 | 126 | 59% | 0 | 214 | 214 | 8% |
| ATL | Nino Caina Construcciones, S.A | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 9 | 0 | 9 | 100% | 9 | 0 | 9 | 0% |
| ATL & PAC | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| ATL | Romelima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 11% | 0 | 0 | 0 | 0% | 8 | 0 | 8 | 89% | 9 | 0 | 9 | 0% |
| PAC | Sampol | 0 | 10 | 10 | 15% | 0 | 7 | 7 | 10% | 0 | 50 | 50 | 75% | 0 | 67 | 67 | 2% |
| ATL & PAC | Selex | 2 | 25 | 27 | 69% | 1 | 2 | 3 | 8% | 0 | 9 | 9 | 23% | 3 | 36 | 39 | 1% |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 123 | 92 | 215 | 98% | 125 | 94 | 219 | 8% |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% |
| ATL & PAC | Siurell Obras Civiles | 7 | 2 | 9 | 13% | 1 | 0 | 1 | 1% | 56 | 1 | 57 | 85% | 64 | 3 | 67 | 2% |
| PAC | Tecozam Panama S.A | 0 | 48 | 48 | 53% | 0 | 3 | 3 | 3% | 0 | 40 | 40 | 44% | 0 | 91 | 91 | 3% |
| ATL & PAC | Tincel Construction | 3 | 8 | 11 | 20% | 0 | 1 | 1 | 2% | 3 | 41 | 44 | 79% | 6 | 50 | 56 | 2% |
| PAC | Trevi-Galante S.A | 0 | 4 | 4 | 13% | 0 | 2 | 2 | 7% | 0 | 24 | 24 | 80% | 0 | 30 | 30 | 1% |
| ATL | Vilaplan Construcciones | 11 | 0 | 11 | 34% | 1 | 0 | 1 | 3% | 20 | 0 | 20 | 63% | 32 | 0 | 32 | 1% |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% |
| TOTAL | | 172 | 368 | 540 | 20.1% | 46 | 124 | 170 | 6.3% | 731 | 1,249 | 1,980 | 73.6% | 949 | 1,741 | 2,690 | 100.0% |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 72

Date: 9-Oct-15

Doc: G00/UPCMR0072-UA

SEPTEMBER 2015 - SECTION 9

Page: 75 of 128

9.1.4 Subcontractor's Personnel on Site

| SITE | COMPANY | Subcontractor Headcount (September 2015) | | | | | | | | | | | | | | | |
|--------------|---|--|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | | Expatriates | | | | Local Staff | | | | Local Workers | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % |
| ATL | Aceros de Araia | 15 | 0 | 15 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 15 | 0 | 15 | 1% |
| ATL | Actyon Panama | 20 | 0 | 20 | 43% | 1 | 0 | 1 | 2% | 26 | 0 | 26 | 55% | 47 | 0 | 47 | 2% |
| PAC | Acusterm Panama, S.A. | 0 | 9 | 9 | 30% | 0 | 2 | 2 | 7% | 0 | 19 | 19 | 63% | 0 | 30 | 30 | 1% |
| PAC | Armatek | 0 | 10 | 10 | 24% | 0 | 10 | 10 | 24% | 0 | 21 | 21 | 51% | 0 | 41 | 41 | 2% |
| ATL | Auditel | 13 | 0 | 13 | 65% | 2 | 0 | 2 | 10% | 5 | 0 | 5 | 25% | 20 | 0 | 20 | 1% |
| ATL & PAC | Carpi Tech | 17 | 15 | 32 | 24% | 1 | 2 | 3 | 2% | 31 | 67 | 98 | 74% | 49 | 84 | 133 | 5% |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% |
| ATL & PAC | Cimolai | 18 | 13 | 31 | 30% | 1 | 2 | 3 | 3% | 33 | 35 | 68 | 67% | 52 | 50 | 102 | 4% |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% |
| PAC | Consorcio Borinquen S.A. | 0 | 12 | 12 | 12% | 0 | 7 | 7 | 7% | 0 | 78 | 78 | 80% | 0 | 97 | 97 | 4% |
| ATL & PAC | Construcciones Varmed S.A. | 11 | 9 | 20 | 10% | 3 | 3 | 6 | 3% | 121 | 53 | 174 | 87% | 135 | 65 | 200 | 8% |
| PAC | Construmarco Panama S.A | 0 | 39 | 39 | 27% | 0 | 10 | 10 | 7% | 0 | 96 | 96 | 66% | 0 | 145 | 145 | 5% |
| PAC | Doval Building | 0 | 9 | 9 | 33% | 0 | 1 | 1 | 4% | 0 | 17 | 17 | 63% | 0 | 27 | 27 | 1% |
| ATL & PAC | Eaton | 4 | 5 | 9 | 6% | 12 | 9 | 21 | 13% | 62 | 64 | 126 | 81% | 78 | 78 | 156 | 6% |
| ATL & PAC | EDS Panama | 11 | 8 | 19 | 73% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 27% | 18 | 8 | 26 | 1% |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 19% | 0 | 6 | 6 | 23% | 4 | 11 | 15 | 58% | 6 | 20 | 26 | 1% |
| ATL & PAC | FCC Industrial de Panama, S.A | 37 | 17 | 54 | 14% | 11 | 8 | 19 | 5% | 216 | 93 | 309 | 81% | 264 | 118 | 382 | 14% |
| ATL | Fripanel Panama, S.A | 8 | 0 | 8 | 35% | 1 | 0 | 1 | 4% | 14 | 0 | 14 | 61% | 23 | 0 | 23 | 1% |
| PAC | Hidrosoluciones | 0 | 1 | 1 | 5% | 0 | 1 | 1 | 5% | 0 | 17 | 17 | 89% | 0 | 19 | 19 | 1% |
| ATL & PAC | Hyundai | 17 | 23 | 40 | 28% | 0 | 0 | 0 | 0% | 52 | 49 | 101 | 72% | 69 | 72 | 141 | 5% |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 13% | 7 | 0 | 7 | 88% | 8 | 0 | 8 | 0% |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 22% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% |
| ATL & PAC | Jan de Nul | 9 | 9 | 18 | 15% | 7 | 5 | 12 | 10% | 54 | 37 | 91 | 75% | 70 | 51 | 121 | 5% |
| ATL & PAC | Jan de Nul Panama | 43 | 100 | 143 | 55% | 5 | 13 | 18 | 7% | 20 | 79 | 99 | 38% | 68 | 192 | 260 | 10% |
| ATL & PAC | Monitoriza, S.A. | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 10% | 0 | 9 | 9 | 90% | 1 | 9 | 10 | 0% |
| ATL | Nino Kaina Construcciones, S.A | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 100% | 7 | 0 | 7 | 0% |
| ATL & PAC | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 10% | 1 | 0 | 1 | 10% | 8 | 0 | 8 | 80% | 10 | 0 | 10 | 0% |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% |
| PAC | Sampol | 0 | 12 | 12 | 14% | 0 | 5 | 5 | 6% | 0 | 70 | 70 | 80% | 0 | 87 | 87 | 3% |
| PAC | Selex | 0 | 18 | 18 | 67% | 0 | 4 | 4 | 15% | 0 | 5 | 5 | 19% | 0 | 27 | 27 | 1% |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 140 | 97 | 237 | 98% | 142 | 99 | 241 | 9% |
| PAC | Serviblasting S.A | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 14% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% |
| ATL & PAC | Siurell Obras Civiles | 7 | 2 | 9 | 15% | 1 | 0 | 1 | 2% | 49 | 1 | 50 | 83% | 57 | 3 | 60 | 2% |
| PAC | Tecozam Panama S.A | 0 | 11 | 11 | 27% | 0 | 3 | 3 | 7% | 0 | 27 | 27 | 66% | 0 | 41 | 41 | 2% |
| ATL & PAC | Tincel Construction | 2 | 4 | 6 | 12% | 0 | 1 | 1 | 2% | 3 | 39 | 42 | 86% | 5 | 44 | 49 | 2% |
| ATL & PAC | Trevi-Galante S.A. | 1 | 4 | 5 | 15% | 0 | 2 | 2 | 6% | 4 | 23 | 27 | 79% | 5 | 29 | 34 | 1% |
| ATL | Vilaplano Construcciones | 9 | 0 | 9 | 27% | 1 | 0 | 1 | 3% | 23 | 0 | 23 | 70% | 33 | 0 | 33 | 1% |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% |
| TOTAL | | 245 | 338 | 583 | 21.9% | 53 | 98 | 151 | 5.7% | 903 | 1,027 | 1,930 | 72.4% | 1,201 | 1,463 | 2,664 | 100.0% |

Table 9-5 Subcontractor Personnel List



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 73

Date: 12-Nov-15

Doc: G00/UPCMR0073-UA

OCTOBER 2015 - SECTION 9

Page: 75 of 134

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (October 2015) | | | | | | | | | | | | | | | | | | |
|--|---|-------------|---------|-----|-------|-------------|---------|-----|------|---------------|---------|-------|-------|----------|---------|-------|--------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 15 | 0 | 15 | 94% | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 6% | 16 | 0 | 16 | 1% | |
| ATL | Actyon Panama | 20 | 0 | 20 | 30% | 1 | 0 | 1 | 1% | 46 | 0 | 46 | 69% | 67 | 0 | 67 | 3% | |
| PAC | Acusterm Panama, S.A | 0 | 30 | 30 | 46% | 0 | 1 | 1 | 2% | 0 | 34 | 34 | 52% | 0 | 65 | 65 | 3% | |
| PAC | Armatek | 0 | 7 | 7 | 44% | 0 | 8 | 8 | 50% | 0 | 1 | 1 | 6% | 0 | 16 | 16 | 1% | |
| ATL & PAC | Carpi Tech | 6 | 35 | 41 | 32% | 1 | 9 | 10 | 8% | 3 | 74 | 77 | 60% | 10 | 118 | 128 | 6% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 11 | 6 | 17 | 32% | 1 | 1 | 2 | 4% | 18 | 16 | 34 | 64% | 30 | 23 | 53 | 2% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 12 | 12 | 15% | 0 | 7 | 7 | 9% | 0 | 60 | 60 | 76% | 0 | 79 | 79 | 4% | |
| ATL & PAC | Construcciones Varmed S.A. | 11 | 9 | 20 | 11% | 3 | 3 | 6 | 3% | 104 | 53 | 157 | 86% | 118 | 65 | 183 | 8% | |
| PAC | Construmarco Panama S.A | 0 | 33 | 33 | 26% | 0 | 10 | 10 | 8% | 0 | 82 | 82 | 66% | 0 | 125 | 125 | 6% | |
| PAC | Doval Building | 0 | 6 | 6 | 30% | 0 | 1 | 1 | 5% | 0 | 13 | 13 | 65% | 0 | 20 | 20 | 1% | |
| ATL & PAC | EDS Panama | 9 | 7 | 16 | 80% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 20% | 13 | 7 | 20 | 1% | |
| ATL & PAC | EIASA | 5 | 7 | 12 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 5 | 7 | 12 | 1% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 19% | 0 | 6 | 6 | 23% | 4 | 11 | 15 | 58% | 6 | 20 | 26 | 1% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 25 | 18 | 43 | 19% | 7 | 8 | 15 | 6% | 84 | 90 | 174 | 75% | 116 | 116 | 232 | 10% | |
| ATL | Fripanel Panama, S.A | 14 | 0 | 14 | 44% | 1 | 0 | 1 | 3% | 17 | 0 | 17 | 53% | 32 | 0 | 32 | 1% | |
| ATL & PAC | Hidrosoluciones | 1 | 1 | 2 | 6% | 1 | 1 | 2 | 6% | 11 | 17 | 28 | 88% | 13 | 19 | 32 | 1% | |
| ATL & PAC | Hyundai | 15 | 24 | 39 | 37% | 0 | 0 | 0 | 0% | 41 | 25 | 66 | 63% | 56 | 49 | 105 | 5% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 13% | 7 | 0 | 7 | 88% | 8 | 0 | 8 | 0% | |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 22% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% | |
| ATL & PAC | Jan de Nul | 9 | 9 | 18 | 24% | 6 | 4 | 10 | 13% | 16 | 32 | 48 | 63% | 31 | 45 | 76 | 3% | |
| ATL & PAC | Jan de Nul Panama | 103 | 140 | 243 | 75% | 4 | 11 | 15 | 5% | 24 | 40 | 64 | 20% | 131 | 191 | 322 | 14% | |
| ATL & PAC | Monitoriza, S.A. | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 14% | 0 | 6 | 6 | 86% | 1 | 6 | 7 | 0% | |
| ATL | Nino Kaina Construcciones, S.A | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 11 | 0 | 11 | 100% | 11 | 0 | 11 | 0% | |
| ATL & PAC | Panama Forest | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 10% | 1 | 0 | 1 | 10% | 8 | 0 | 8 | 80% | 10 | 0 | 10 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% | |
| PAC | Selex | 0 | 21 | 21 | 53% | 0 | 4 | 4 | 10% | 0 | 15 | 15 | 38% | 0 | 40 | 40 | 2% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 144 | 102 | 246 | 98% | 146 | 104 | 250 | 11% | |
| PAC | Serviblasting S.A | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | Temas Constructivos para Techos del Tropico SCTT, | 11 | 4 | 15 | 43% | 4 | 1 | 5 | 14% | 14 | 1 | 15 | 43% | 29 | 6 | 35 | 2% | |
| ATL & PAC | Siurell Obras Civiles | 7 | 2 | 9 | 13% | 1 | 0 | 1 | 1% | 61 | 1 | 62 | 86% | 69 | 3 | 72 | 3% | |
| PAC | Tecozam Panama S.A | 0 | 11 | 11 | 23% | 0 | 2 | 2 | 4% | 0 | 35 | 35 | 73% | 0 | 48 | 48 | 2% | |
| ATL & PAC | Tincel Construction | 2 | 4 | 6 | 14% | 0 | 2 | 2 | 5% | 3 | 32 | 35 | 81% | 5 | 38 | 43 | 2% | |
| ATL & PAC | Trevi-Galante S.A. | 1 | 3 | 4 | 10% | 1 | 2 | 3 | 7% | 10 | 24 | 34 | 83% | 12 | 29 | 41 | 2% | |
| ATL | Vilaplano Construcciones | 9 | 0 | 9 | 27% | 1 | 0 | 1 | 3% | 23 | 0 | 23 | 70% | 33 | 0 | 33 | 1% | |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% | |
| TOTAL | | 277 | 398 | 675 | 29.9% | 39 | 84 | 123 | 5.5% | 672 | 784 | 1,456 | 64.6% | 988 | 1,266 | 2,254 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 74

Date: 11-Dec-15

Doc: G00/UPCMR0074-UA

NOVEMBER 2015 - SECTION 9

Page: 75 of 132

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (November 2015) | | | | | | | | | | | | | | | | | |
|---|--|-------------|---------|-----|-------|-------------|---------|-----|------|---------------|---------|-------|-------|----------|---------|-------|--------|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % |
| ATL | Aceros de Araia | 10 | 0 | 10 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 10 | 0 | 10 | 0% |
| ATL | Actyon Panama | 20 | 0 | 20 | 30% | 1 | 0 | 1 | 1% | 46 | 0 | 46 | 69% | 67 | 0 | 67 | 3% |
| PAC | Acusterm Panama, S.A. | 0 | 30 | 30 | 46% | 0 | 1 | 1 | 2% | 0 | 34 | 34 | 52% | 0 | 65 | 65 | 3% |
| PAC | Armatek | 0 | 5 | 5 | 33% | 0 | 10 | 10 | 67% | 0 | 0 | 0 | 0% | 0 | 15 | 15 | 1% |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 5 | 0 | 5 | 100% | 5 | 0 | 5 | 0% |
| ATL & PAC | Carpí Tech | 5 | 20 | 25 | 30% | 1 | 7 | 8 | 10% | 0 | 50 | 50 | 60% | 6 | 77 | 83 | 4% |
| ATL | Centro de Investigaciones Químicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% |
| ATL & PAC | Cimolai | 7 | 44 | 51 | 53% | 1 | 3 | 4 | 4% | 19 | 22 | 41 | 43% | 27 | 69 | 96 | 5% |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% |
| PAC | Consorcio Borinquen S.A | 0 | 8 | 8 | 38% | 0 | 4 | 4 | 19% | 0 | 9 | 9 | 43% | 0 | 21 | 21 | 1% |
| ATL & PAC | Construcciones Varmed S.A. | 11 | 8 | 19 | 11% | 3 | 3 | 6 | 3% | 95 | 54 | 149 | 86% | 109 | 65 | 174 | 9% |
| PAC | Doval Building | 0 | 4 | 4 | 22% | 0 | 1 | 1 | 6% | 0 | 13 | 13 | 72% | 0 | 18 | 18 | 1% |
| ATL & PAC | EDS Panama | 11 | 4 | 15 | 88% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 12% | 13 | 4 | 17 | 1% |
| ATL & PAC | EIASA | 5 | 1 | 6 | 50% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 50% | 5 | 7 | 12 | 1% |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 19% | 0 | 6 | 6 | 23% | 3 | 12 | 15 | 58% | 5 | 21 | 26 | 1% |
| ATL & PAC | FCC Industrial de Panama, S.A | 29 | 18 | 47 | 17% | 11 | 8 | 19 | 7% | 113 | 98 | 211 | 76% | 153 | 124 | 277 | 14% |
| ATL | Fripanel Panama, S.A | 25 | 0 | 25 | 50% | 1 | 0 | 1 | 2% | 24 | 0 | 24 | 48% | 50 | 0 | 50 | 2% |
| ATL & PAC | Hidrosoluciones | 1 | 1 | 2 | 6% | 1 | 1 | 2 | 6% | 15 | 14 | 29 | 88% | 17 | 16 | 33 | 2% |
| ATL & PAC | Hyundai | 14 | 20 | 34 | 32% | 1 | 4 | 5 | 5% | 41 | 25 | 66 | 63% | 56 | 49 | 105 | 5% |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 13% | 7 | 0 | 7 | 88% | 8 | 0 | 8 | 0% |
| ATL | Ingenieria y Tecnologia Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 22% | 7 | 0 | 7 | 78% | 9 | 0 | 9 | 0% |
| ATL & PAC | Jan de Nul | 8 | 8 | 16 | 22% | 6 | 4 | 10 | 14% | 16 | 32 | 48 | 65% | 30 | 44 | 74 | 4% |
| ATL & PAC | Jan de Nul Panama | 59 | 22 | 81 | 47% | 6 | 10 | 16 | 9% | 32 | 42 | 74 | 43% | 97 | 74 | 171 | 8% |
| ATL & PAC | Monitoriza, S.A. | 1 | 0 | 1 | 8% | 0 | 0 | 0 | 0% | 5 | 7 | 12 | 92% | 6 | 7 | 13 | 1% |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 10% | 1 | 0 | 1 | 10% | 8 | 0 | 8 | 80% | 10 | 0 | 10 | 0% |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 100% | 3 | 0 | 3 | 0% |
| PAC | SAMPOL | 0 | 15 | 15 | 14% | 0 | 5 | 5 | 5% | 0 | 87 | 87 | 81% | 0 | 107 | 107 | 5% |
| PAC | Selex | 0 | 21 | 21 | 54% | 0 | 4 | 4 | 10% | 0 | 14 | 14 | 36% | 0 | 39 | 39 | 2% |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 112 | 88 | 200 | 98% | 114 | 90 | 204 | 10% |
| PAC | Serviblasting S.A | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% |
| ATL & PAC | Sistemas Constructivos para Techos del Tropico SCTT, S.A | 12 | 5 | 17 | 50% | 4 | 0 | 4 | 12% | 13 | 0 | 13 | 38% | 29 | 5 | 34 | 2% |
| ATL & PAC | Siurell Obras Civiles | 6 | 2 | 8 | 13% | 1 | 0 | 1 | 2% | 50 | 1 | 51 | 85% | 57 | 3 | 60 | 3% |
| PAC | Tecozam Panama S.A | 0 | 7 | 7 | 24% | 0 | 2 | 2 | 7% | 0 | 20 | 20 | 69% | 0 | 29 | 29 | 1% |
| ATL & PAC | Tincel Construction | 2 | 4 | 6 | 13% | 0 | 2 | 2 | 4% | 9 | 31 | 40 | 83% | 11 | 37 | 48 | 2% |
| ATL & PAC | Trevi-Galante S.A. | 5 | 18 | 23 | 28% | 1 | 3 | 4 | 5% | 10 | 44 | 54 | 67% | 16 | 65 | 81 | 4% |
| ATL | Vilaplano Construcciones | 16 | 0 | 16 | 43% | 1 | 0 | 1 | 3% | 20 | 0 | 20 | 54% | 37 | 0 | 37 | 2% |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% |
| TOTAL | | 250 | 274 | 524 | 25.8% | 45 | 81 | 126 | 6.2% | 661 | 721 | 1,382 | 68.0% | 956 | 1,076 | 2,032 | 100.0% |

Table 9-5 Subcontractor Personnel List



Contract: CMC-221427, Design and Construction of the Third Set of Locks

MONTHLY PROGRESS REPORT No. 75

Date: 12-Jan-16

Doc: G00/UPCMR0075-UA

DECEMBER 2015 - SECTION 9

Page: 75 of 130

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (December 2015) | | | | | | | | | | | | | | | | | | |
|---|---|-------------|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|------------|--------------|--------------|------------|--------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 9 | 0 | 9 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 9 | 0 | 9 | 0% | |
| ATL | Actyon Panama | 18 | 0 | 18 | 30% | 1 | 0 | 1 | 2% | 42 | 0 | 42 | 69% | 61 | 0 | 61 | 3% | |
| PAC | Acusterm Panama, S.A | 0 | 29 | 29 | 36% | 0 | 4 | 4 | 5% | 0 | 47 | 47 | 59% | 0 | 80 | 80 | 4% | |
| PAC | Armatek | 0 | 6 | 6 | 43% | 0 | 8 | 8 | 57% | 0 | 0 | 0 | 0% | 0 | 14 | 14 | 1% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 5 | 0 | 5 | 100% | 5 | 0 | 5 | 0% | |
| ATL & PAC | Carpi Tech | 6 | 12 | 18 | 43% | 0 | 2 | 2 | 5% | 0 | 22 | 22 | 52% | 6 | 36 | 42 | 2% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 38 | 37 | 75 | 63% | 1 | 3 | 4 | 3% | 23 | 17 | 40 | 34% | 62 | 57 | 119 | 6% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 4 | 4 | 27% | 0 | 4 | 4 | 27% | 0 | 7 | 7 | 47% | 0 | 15 | 15 | 1% | |
| ATL & PAC | Construcciones Varmed S.A. | 11 | 6 | 17 | 11% | 3 | 3 | 6 | 4% | 92 | 34 | 126 | 85% | 106 | 43 | 149 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 22 | 22 | 27% | 0 | 8 | 8 | 10% | 0 | 52 | 52 | 63% | 0 | 82 | 82 | 4% | |
| PAC | Doval Building | 0 | 4 | 4 | 18% | 0 | 1 | 1 | 5% | 0 | 17 | 17 | 77% | 0 | 22 | 22 | 1% | |
| ATL & PAC | EDS Panama | 4 | 3 | 7 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 3 | 7 | 0% | |
| ATL & PAC | EIASA | 5 | 7 | 12 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 5 | 7 | 12 | 1% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 3 | 5 | 19% | 0 | 6 | 6 | 23% | 4 | 11 | 15 | 58% | 6 | 20 | 26 | 1% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 29 | 18 | 47 | 17% | 11 | 8 | 19 | 7% | 113 | 98 | 211 | 76% | 153 | 124 | 277 | 13% | |
| ATL | Fripelan Panama, S.A | 36 | 0 | 36 | 57% | 1 | 0 | 1 | 2% | 26 | 0 | 26 | 41% | 63 | 0 | 63 | 3% | |
| ATL & PAC | Hidrosoluciones | 1 | 1 | 2 | 6% | 1 | 1 | 2 | 6% | 16 | 16 | 32 | 89% | 18 | 18 | 36 | 2% | |
| ATL & PAC | Hyundai | 18 | 25 | 43 | 31% | 0 | 0 | 0 | 0% | 26 | 68 | 94 | 69% | 44 | 93 | 137 | 7% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 5 | 0 | 5 | 83% | 6 | 0 | 6 | 0% | |
| ATL & PAC | Jan de Nul | 8 | 8 | 16 | 22% | 6 | 4 | 10 | 14% | 15 | 31 | 46 | 64% | 29 | 43 | 72 | 3% | |
| ATL & PAC | Jan de Nul Panama | 41 | 55 | 96 | 46% | 7 | 11 | 18 | 9% | 28 | 68 | 96 | 46% | 76 | 134 | 210 | 10% | |
| PAC | Monitoriza, S.A. | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 10% | 1 | 0 | 1 | 10% | 8 | 0 | 8 | 80% | 10 | 0 | 10 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | SAMPOL | 0 | 14 | 14 | 13% | 0 | 5 | 5 | 5% | 0 | 87 | 87 | 82% | 0 | 106 | 106 | 5% | |
| PAC | Selex | 0 | 22 | 22 | 69% | 0 | 4 | 4 | 13% | 0 | 6 | 6 | 19% | 0 | 32 | 32 | 2% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 112 | 88 | 200 | 98% | 114 | 90 | 204 | 10% | |
| PAC | Serviblasting S.A | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | temas Constructivos para Techos del Tropico SCTT, S | 11 | 5 | 16 | 64% | 2 | 0 | 2 | 8% | 7 | 0 | 7 | 28% | 20 | 5 | 25 | 1% | |
| ATL & PAC | Siurell Obras Civiles | 5 | 2 | 7 | 14% | 1 | 0 | 1 | 2% | 42 | 1 | 43 | 84% | 48 | 3 | 51 | 2% | |
| ATL & PAC | Tineel Construction | 3 | 3 | 6 | 11% | 0 | 3 | 3 | 5% | 19 | 27 | 46 | 84% | 22 | 33 | 55 | 3% | |
| ATL & PAC | Trevi-Galante S.A. | 12 | 12 | 24 | 27% | 1 | 3 | 4 | 4% | 19 | 42 | 61 | 69% | 32 | 57 | 89 | 4% | |
| ATL | Vilaplano Construcciones | 8 | 0 | 8 | 38% | 1 | 0 | 1 | 5% | 12 | 0 | 12 | 57% | 21 | 0 | 21 | 1% | |
| PAC | Vulcor, S.A | 0 | 1 | 1 | 14% | 0 | 1 | 1 | 14% | 0 | 5 | 5 | 71% | 0 | 7 | 7 | 0% | |
| TOTAL | | 266 | 305 | 571 | 27.5% | 40 | 81 | 121 | 5.8% | 622 | 763 | 1,385 | 66.7% | 928 | 1,149 | 2,077 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 76

Date: 6-Feb-16

Doc: G00/UPCMR0076-UA

JANUARY 2016 - SECTION 9

Page: 75 of 132

9.1.4 Subcontractor's Personnel on Site

| Subcontractor Headcount (January 2016) | | | | | | | | | | | | | | | | | | |
|--|--|-------------|---------|-----|-------|-------------|---------|-----|------|---------------|---------|-------|-------|----------|---------|-------|--------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 7 | 0 | 7 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 0% | |
| ATL | Actyon Panama | 9 | 0 | 9 | 21% | 2 | 0 | 2 | 5% | 31 | 0 | 31 | 74% | 42 | 0 | 42 | 2% | |
| PAC | Acusterm Panama, S.A | 0 | 31 | 31 | 47% | 0 | 4 | 4 | 6% | 0 | 31 | 31 | 47% | 0 | 66 | 66 | 3% | |
| PAC | Armatek | 0 | 6 | 6 | 43% | 0 | 8 | 8 | 57% | 0 | 0 | 0 | 0% | 0 | 14 | 14 | 1% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 5 | 0 | 5 | 83% | 6 | 0 | 6 | 0% | |
| ATL & PAC | Carpi Tech | 5 | 8 | 13 | 42% | 0 | 2 | 2 | 6% | 0 | 16 | 16 | 52% | 5 | 26 | 31 | 1% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 68 | 44 | 112 | 72% | 1 | 3 | 4 | 3% | 23 | 17 | 40 | 26% | 92 | 64 | 156 | 7% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 4 | 4 | 16% | 0 | 4 | 4 | 16% | 0 | 17 | 17 | 68% | 0 | 25 | 25 | 1% | |
| ATL & PAC | Construcciones Varmed S.A. | 12 | 6 | 18 | 13% | 3 | 1 | 4 | 3% | 92 | 20 | 112 | 84% | 107 | 27 | 134 | 6% | |
| PAC | Construmarco Panama S.A | 0 | 22 | 22 | 27% | 0 | 7 | 7 | 9% | 0 | 52 | 52 | 64% | 0 | 81 | 81 | 4% | |
| PAC | Doval Building | 0 | 4 | 4 | 18% | 0 | 1 | 1 | 5% | 0 | 17 | 17 | 77% | 0 | 22 | 22 | 1% | |
| ATL & PAC | EDS Panama | 3 | 17 | 20 | 87% | 0 | 0 | 0 | 0% | 0 | 3 | 3 | 13% | 3 | 20 | 23 | 1% | |
| ATL & PAC | EIASA | 6 | 4 | 10 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 6 | 4 | 10 | 0% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 2 | 4 | 18% | 0 | 6 | 6 | 27% | 2 | 10 | 12 | 55% | 4 | 18 | 22 | 1% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 21 | 18 | 39 | 14% | 18 | 8 | 26 | 9% | 114 | 98 | 212 | 77% | 153 | 124 | 277 | 12% | |
| ATL | Fripanel Panama, S.A | 39 | 0 | 39 | 57% | 1 | 0 | 1 | 1% | 29 | 0 | 29 | 42% | 69 | 0 | 69 | 3% | |
| ATL & PAC | Hidrosoluciones | 1 | 1 | 2 | 6% | 1 | 1 | 2 | 6% | 14 | 16 | 30 | 88% | 16 | 18 | 34 | 2% | |
| ATL & PAC | Hyundai | 21 | 27 | 48 | 11% | 0 | 0 | 0 | 0% | 207 | 194 | 401 | 89% | 228 | 221 | 449 | 20% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 5 | 0 | 5 | 83% | 6 | 0 | 6 | 0% | |
| ATL & PAC | Jan de Nul Panama | 45 | 56 | 101 | 45% | 4 | 11 | 15 | 7% | 39 | 70 | 109 | 48% | 88 | 137 | 225 | 10% | |
| PAC | Monitoriza, S.A. | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| PAC | Perforaciones y Voladuras Panamá | 0 | 4 | 4 | 80% | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 20% | 0 | 5 | 5 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 10% | 1 | 0 | 1 | 10% | 8 | 0 | 8 | 80% | 10 | 0 | 10 | 0% | |
| ATL | Samgwang Corporation | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 100% | 2 | 0 | 2 | 0% | |
| PAC | SAMPOL | 0 | 14 | 14 | 15% | 0 | 5 | 5 | 5% | 0 | 74 | 74 | 80% | 0 | 93 | 93 | 4% | |
| PAC | Selex | 0 | 18 | 18 | 75% | 0 | 4 | 4 | 17% | 0 | 2 | 2 | 8% | 0 | 24 | 24 | 1% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 2% | 112 | 88 | 200 | 98% | 114 | 90 | 204 | 9% | |
| ATL & PAC | Sistemas Constructivos para Techos del Tropico SCTT, S.A | 10 | 5 | 15 | 79% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 21% | 14 | 5 | 19 | 1% | |
| ATL & PAC | Siurell Obras Civiles | 3 | 2 | 5 | 14% | 1 | 0 | 1 | 3% | 30 | 1 | 31 | 84% | 34 | 3 | 37 | 2% | |
| ATL & PAC | Tincel Construction | 3 | 3 | 6 | 12% | 1 | 3 | 4 | 8% | 19 | 21 | 40 | 80% | 23 | 27 | 50 | 2% | |
| ATL & PAC | Trevi-Galante S.A. | 11 | 9 | 20 | 24% | 1 | 3 | 4 | 5% | 18 | 40 | 58 | 71% | 30 | 52 | 82 | 4% | |
| ATL | Vilaplan Construcciones | 5 | 0 | 5 | 45% | 1 | 0 | 1 | 9% | 5 | 0 | 5 | 45% | 11 | 0 | 11 | 0% | |
| TOTAL | | 272 | 306 | 578 | 25.6% | 39 | 73 | 112 | 5.0% | 765 | 800 | 1,565 | 69.4% | 1,076 | 1,179 | 2,255 | 100.0% | |

Table 9-5 Subcontractor Personnel List

MONTHLY PROGRESS REPORT No. 77

Date: 22-Mar-16

Doc: G00/UPCMR0077-UA

FEBRUARY 2016 - SECTION 9

Page: 11 of 62

9.1.3 Subcontractor's Personnel on Site

| Subcontractor Headcount (February 2016) | | | | | | | | | | | | | | | | | | |
|---|--|-------------|------------|------------|--------------|-------------|-----------|------------|-------------|---------------|------------|--------------|--------------|------------|------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 7 | 0 | 7 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 0% | |
| ATL | Actyon Panama | 11 | 0 | 11 | 24% | 1 | 0 | 1 | 2% | 33 | 0 | 33 | 73% | 45 | 0 | 45 | 3% | |
| PAC | Acusterm Panama, S.A. | 0 | 35 | 35 | 58% | 0 | 4 | 4 | 7% | 0 | 21 | 21 | 35% | 0 | 60 | 60 | 4% | |
| ATL & PAC | Armatek | 6 | 6 | 12 | 32% | 8 | 8 | 16 | 43% | 9 | 0 | 9 | 24% | 23 | 14 | 37 | 2% | |
| ATL | Avantis Inspecciones | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 10% | 9 | 0 | 9 | 90% | 10 | 0 | 10 | 1% | |
| ATL & PAC | Carpi Tech | 5 | 5 | 10 | 40% | 0 | 1 | 1 | 4% | 1 | 13 | 14 | 56% | 6 | 19 | 25 | 2% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 24 | 24 | 48 | 53% | 1 | 3 | 4 | 4% | 21 | 17 | 38 | 42% | 46 | 44 | 90 | 5% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 4 | 4 | 19% | 0 | 3 | 3 | 14% | 0 | 14 | 14 | 67% | 0 | 21 | 21 | 1% | |
| ATL | (Promallas) | 3 | 0 | 3 | 30% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 70% | 10 | 0 | 10 | 1% | |
| ATL & PAC | Construcciones Varmed S.A. | 9 | 8 | 17 | 14% | 2 | 1 | 3 | 3% | 66 | 33 | 99 | 83% | 77 | 42 | 119 | 7% | |
| PAC | Construmarco Panama S.A | 0 | 32 | 32 | 29% | 0 | 6 | 6 | 6% | 0 | 71 | 71 | 65% | 0 | 109 | 109 | 7% | |
| PAC | Doval Building | 0 | 3 | 3 | 15% | 0 | 1 | 1 | 5% | 0 | 16 | 16 | 80% | 0 | 20 | 20 | 1% | |
| ATL & PAC | EDS Panama | 3 | 23 | 26 | 81% | 0 | 0 | 0 | 0% | 3 | 3 | 6 | 19% | 6 | 26 | 32 | 2% | |
| ATL & PAC | EIASA | 6 | 4 | 10 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 6 | 4 | 10 | 1% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 2 | 4 | 27% | 0 | 4 | 4 | 27% | 0 | 7 | 7 | 47% | 2 | 13 | 15 | 1% | |
| ATL & PAC | FCC Industrial de Panama, S.A | 21 | 18 | 39 | 14% | 18 | 8 | 26 | 9% | 114 | 98 | 212 | 77% | 153 | 124 | 277 | 17% | |
| ATL | Fripanel Panama, S.A | 25 | 0 | 25 | 57% | 1 | 0 | 1 | 2% | 18 | 0 | 18 | 41% | 44 | 0 | 44 | 3% | |
| ATL & PAC | Hidrosoluciones | 1 | 2 | 3 | 7% | 1 | 1 | 2 | 5% | 19 | 18 | 37 | 88% | 21 | 21 | 42 | 3% | |
| ATL & PAC | Hyundai | 15 | 16 | 31 | 40% | 0 | 0 | 0 | 0% | 23 | 23 | 46 | 60% | 38 | 39 | 77 | 5% | |
| ATL & PAC | IAC Aluminio S.A. de C.V. | 9 | 8 | 17 | 41% | 0 | 0 | 0 | 0% | 13 | 11 | 24 | 59% | 22 | 19 | 41 | 2% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 5 | 0 | 5 | 83% | 6 | 0 | 6 | 0% | |
| ATL | Ingeniería y Tecnología Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 40% | 3 | 0 | 3 | 60% | 5 | 0 | 5 | 0% | |
| PAC | Jan de Nul Panama | 0 | 52 | 52 | 40% | 0 | 9 | 9 | 7% | 0 | 70 | 70 | 53% | 0 | 131 | 131 | 8% | |
| ATL | Monitoriza | 1 | 0 | 1 | 25% | 0 | 0 | 0 | 0% | 3 | 0 | 3 | 75% | 4 | 0 | 4 | 0% | |
| PAC | Monitoriza, S.A. | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 0% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 8% | 3 | 0 | 3 | 23% | 9 | 0 | 9 | 69% | 13 | 0 | 13 | 1% | |
| PAC | SAMPOL | 0 | 13 | 13 | 14% | 0 | 6 | 6 | 7% | 0 | 73 | 73 | 79% | 0 | 92 | 92 | 6% | |
| PAC | Selex | 0 | 17 | 17 | 68% | 0 | 4 | 4 | 16% | 0 | 4 | 4 | 16% | 0 | 25 | 25 | 2% | |
| ATL & PAC | Serpresa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 4% | 58 | 48 | 106 | 96% | 60 | 50 | 110 | 7% | |
| ATL & PAC | Sistemas Constructivos para Techos del Tropico SCTT, S.A | 13 | 5 | 18 | 78% | 0 | 0 | 0 | 0% | 5 | 0 | 5 | 22% | 18 | 5 | 23 | 1% | |
| ATL & PAC | Siurell Obras Civiles | 2 | 1 | 3 | 8% | 1 | 0 | 1 | 3% | 32 | 1 | 33 | 89% | 35 | 2 | 37 | 2% | |
| PAC | Tecozam Panama | 0 | 24 | 24 | 51% | 0 | 2 | 2 | 4% | 0 | 21 | 21 | 45% | 0 | 47 | 47 | 3% | |
| ATL & PAC | Tincel Construction | 3 | 3 | 6 | 10% | 1 | 3 | 4 | 7% | 27 | 22 | 49 | 83% | 31 | 28 | 59 | 4% | |
| TOTAL | | 167 | 306 | 473 | 28.5% | 43 | 66 | 109 | 6.6% | 484 | 596 | 1,080 | 65.0% | 694 | 968 | 1,662 | 100.0% | |

Table 9-5 Subcontractor Personnel List



MONTHLY PROGRESS REPORT No. 78

Date: 21-Apr-16

Doc: G00/UPCMR0078-UA

MARCH 2016 - SECTION 9

Page: 11 of 42

9.1.3 Subcontractor's Personnel on Site

| Subcontractor Headcount (March 2016) | | | | | | | | | | | | | | | | | | |
|--------------------------------------|---|-------------|------------|------------|--------------|-------------|-----------|-----------|-------------|---------------|------------|------------|--------------|------------|------------|--------------|---------------|--|
| SITE | COMPANY | Expatriates | | | | Local Staff | | | | Local Workers | | | | Total | | | | |
| | | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | Atlantic | Pacific | QTY | % | |
| ATL | Aceros de Araia | 7 | 0 | 7 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 7 | 0 | 7 | 1% | |
| ATL | Actyon Panama | 10 | 0 | 10 | 25% | 1 | 0 | 1 | 3% | 29 | 0 | 29 | 73% | 40 | 0 | 40 | 3% | |
| PAC | Acusterm Panama, S.A | 0 | 7 | 7 | 50% | 0 | 2 | 2 | 14% | 0 | 5 | 5 | 36% | 0 | 14 | 14 | 1% | |
| ATL & PAC | Armatek | 6 | 6 | 12 | 24% | 8 | 8 | 16 | 32% | 22 | 0 | 22 | 44% | 36 | 14 | 50 | 4% | |
| PAC | Avantis | 0 | 0 | 0 | 0% | 0 | 1 | 1 | 10% | 0 | 9 | 9 | 90% | 0 | 10 | 10 | 1% | |
| ATL & PAC | Carp Tech | 2 | 3 | 5 | 36% | 0 | 1 | 1 | 7% | 2 | 6 | 8 | 57% | 4 | 10 | 14 | 1% | |
| ATL | Centro de Investigaciones Quimicas S.A. | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 4 | 0 | 4 | 100% | 4 | 0 | 4 | 0% | |
| ATL & PAC | Cimolai | 24 | 24 | 48 | 53% | 1 | 3 | 4 | 4% | 21 | 17 | 38 | 42% | 46 | 44 | 90 | 7% | |
| PAC | CIQSA | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 4 | 4 | 100% | 0 | 4 | 4 | 0% | |
| PAC | Consorcio Borinquen S.A | 0 | 4 | 4 | 19% | 0 | 3 | 3 | 14% | 0 | 14 | 14 | 67% | 0 | 21 | 21 | 2% | |
| ATL & PAC | Construcciones e Instalaciones Ventura, S.A (Promallas) | 1 | 1 | 2 | 15% | 0 | 0 | 0 | 0% | 10 | 1 | 11 | 85% | 11 | 2 | 13 | 1% | |
| ATL & PAC | Construcciones Varmed S.A. | 5 | 5 | 10 | 16% | 2 | 1 | 3 | 5% | 41 | 8 | 49 | 79% | 48 | 14 | 62 | 5% | |
| PAC | Construmarco Panama S.A | 0 | 31 | 31 | 29% | 0 | 5 | 5 | 5% | 0 | 71 | 71 | 66% | 0 | 107 | 107 | 8% | |
| ATL & PAC | EDS Panama | 7 | 38 | 45 | 87% | 0 | 0 | 0 | 0% | 3 | 4 | 7 | 13% | 10 | 42 | 52 | 4% | |
| ATL & PAC | EIASA | 6 | 4 | 10 | 100% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 6 | 4 | 10 | 1% | |
| ATL & PAC | Fall Line Panama S.A. | 2 | 2 | 4 | 36% | 0 | 3 | 3 | 27% | 0 | 4 | 4 | 36% | 2 | 9 | 11 | 1% | |
| ATL | Fripanel Panama, S.A | 20 | 0 | 20 | 47% | 1 | 0 | 1 | 2% | 22 | 0 | 22 | 51% | 43 | 0 | 43 | 3% | |
| ATL & PAC | Grupo Rolan Corp. | 10 | 1 | 11 | 52% | 0 | 0 | 0 | 0% | 4 | 6 | 10 | 48% | 14 | 7 | 21 | 2% | |
| ATL & PAC | Hidrosoluciones | 1 | 2 | 3 | 8% | 1 | 1 | 2 | 5% | 16 | 19 | 35 | 88% | 18 | 22 | 40 | 3% | |
| ATL & PAC | Hyundai | 15 | 16 | 31 | 40% | 0 | 0 | 0 | 0% | 23 | 23 | 46 | 60% | 38 | 39 | 77 | 6% | |
| ATL & PAC | IAC Aluminio S.A. de C.V. | 9 | 8 | 17 | 52% | 0 | 0 | 0 | 0% | 7 | 9 | 16 | 48% | 16 | 17 | 33 | 3% | |
| ATL | Ineleg | 0 | 0 | 0 | 0% | 1 | 0 | 1 | 17% | 5 | 0 | 5 | 83% | 6 | 0 | 6 | 0% | |
| ATL | Ingeniería y Tecnología Aplicada | 0 | 0 | 0 | 0% | 2 | 0 | 2 | 40% | 3 | 0 | 3 | 60% | 5 | 0 | 5 | 0% | |
| PAC | Jan de Nul Panama | 0 | 80 | 80 | 49% | 0 | 5 | 5 | 3% | 0 | 78 | 78 | 48% | 0 | 163 | 163 | 13% | |
| PAC | Monitoriza, S.A. | 0 | 1 | 1 | 14% | 0 | 0 | 0 | 0% | 0 | 6 | 6 | 86% | 0 | 7 | 7 | 1% | |
| ATL | Multiservicios Guerra | 1 | 0 | 1 | 9% | 1 | 0 | 1 | 9% | 9 | 0 | 9 | 82% | 11 | 0 | 11 | 1% | |
| ATL & PAC | PPM | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 100% | 2 | 2 | 4 | 0% | |
| ATL & PAC | Provindtec Inc. | 2 | 4 | 6 | 16% | 1 | 1 | 2 | 5% | 14 | 15 | 29 | 78% | 17 | 20 | 37 | 3% | |
| ATL | Romclima Instalaciones y Montaje, S.A | 1 | 0 | 1 | 8% | 3 | 0 | 3 | 25% | 8 | 0 | 8 | 67% | 12 | 0 | 12 | 1% | |
| PAC | SAMPOL | 0 | 11 | 11 | 18% | 0 | 6 | 6 | 10% | 0 | 44 | 44 | 72% | 0 | 61 | 61 | 5% | |
| PAC | Selex | 0 | 13 | 13 | 62% | 0 | 4 | 4 | 19% | 0 | 4 | 4 | 19% | 0 | 21 | 21 | 2% | |
| ATL & PAC | Serprosa | 0 | 0 | 0 | 0% | 2 | 2 | 4 | 4% | 58 | 48 | 106 | 96% | 60 | 50 | 110 | 8% | |
| ATL & PAC | Siurell Obras Civiles | 2 | 2 | 4 | 12% | 1 | 0 | 1 | 3% | 28 | 1 | 29 | 85% | 31 | 3 | 34 | 3% | |
| PAC | Tecozam Panama | 0 | 24 | 24 | 51% | 0 | 2 | 2 | 4% | 0 | 21 | 21 | 45% | 0 | 47 | 47 | 4% | |
| ATL & PAC | Tincel Construction | 3 | 3 | 6 | 12% | 0 | 3 | 3 | 6% | 22 | 21 | 43 | 83% | 25 | 27 | 52 | 4% | |
| ATL | Trevi | 2 | 0 | 2 | 29% | 1 | 0 | 1 | 14% | 4 | 0 | 4 | 57% | 7 | 0 | 7 | 1% | |
| TOTAL | | 136 | 290 | 426 | 32.8% | 26 | 51 | 77 | 5.9% | 357 | 440 | 797 | 61.3% | 519 | 781 | 1,300 | 100.0% | |

Table 9-5 Subcontractor Personnel List