Exhibit 16.1-1a – Fees Sample Calculation
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1. **OVERVIEW**

Schedule 16.1-1a – Fees Sample Calculations, describes the calculation steps for determining the applicable Resource Unit Fee for Resource Units where banding applies.

2. **NON-BUNDLED RESOURCE UNITS CALCULATION**

For Resources Units in Exhibit 16.1-1 without a ‘bundle’ designation (e.g. B1 or B2), the applicable Resource Unit Fee band is determined based on the County’s actual volume of consumption for such Resource Unit.

**Sample Calculation Data:**

- **Resource Unit (RU):** Voice Single Line
- **Sample Actual Monthly Volume:** 3,700

a) Given that the Baseline Volume (per Contract Year) for Voice Single Line per Exhibit 16.1-1 is 39648, the Monthly Baseline volume is 3304.

   \[
   \text{Voice Single Line Baseline Volumes (per Contract Year)} \div 12 = 3,304
   \]

b) Given that the Monthly Baseline Volume for Voice Single Line is 3304, the monthly volume thresholds for the various bands are as follows:

   - **90-110% Threshold for Voice Jack - Single-Line = 3,634 (110% x 3,304)**
   - **110-120% Threshold for Voice Jack - Single-Line = 3,965 (120% x 3,304)**
   - **120-130% Threshold for Voice Jack - Single-Line = 4295 (130% x 3,304)**

c) Given that the Sample Actual Monthly Volume is 3700, the 110-120% band should be used to calculate monthly charge for Voice Single Line.

   - **110-120% Band RU Fee = $2.00 (for purposes of this example only)**
   - **Actual Monthly Volume = 3,700**
   - **Calculation = $2.00 x 3,700**
   - **Sample Monthly Service Fee = $7,400**

3. **BUNDLED RESOURCE UNITS CALCULATION**

For Resources Units in Exhibit 16.1-1 with a ‘bundle’ designation (e.g. B1 or B2), the applicable Resource Unit Fee band is determined based on the aggregate Actual Monthly volume of all Resource Units within the bundle.
Example 1: In this example, the Actual Monthly volume for the bundle falls within the 90-110% band and therefore all Resource Units within the bundle will use the 90-110% band RU Fee.

Sample Calculation Data:

Resource Unit (RU): Desktop – Standard Workstation

Bundle Designation: B1

Sample Actual Monthly Volume for Desktop – Standard Workstation: 8,000

Sample Actual Monthly Volume for B1: 16,000

a) Given that the Baseline Volume (per Contract Year) for bundle ‘B1’ per Exhibit 16.1-1 is 179,388, the Monthly Baseline volume is 14,949.

\[ B1\ \text{Baseline Volumes (per Contract Year)} \div 12 \]
\[ 179,388 \div 12 = 14,949 \]

b) Given that the Monthly Baseline Volume for bundle ‘B1’ is 14,949, the monthly volume thresholds for the various bands are as follows:

- 90-110% Threshold for B1 = 16,444 (110% x 14,949)
- 110-120% Threshold for B1 = 17,939 (120% x 14,949)
- 120-130% Threshold for B1 = 19,434 (130% x 14,949)

c) Given that the Sample Actual Monthly Volume for bundle ‘B1’ is 16,000, the 90-110% band should be used to calculate monthly charge for Desktop – Standard Workstation and all other Resource Units within the bundle.

\[ 90-110\% \text{ Band RU Fee} = $2.00 \text{ (for purposes of this example only)} \]
\[ \text{Actual Monthly Volume} = 8,000 \]
\[ \text{Calculation} = $2.00 \times 8,000 \]
\[ \text{Sample Monthly Service Fee} = $16,000 \]

Example 2: In this example, the Actual Monthly volume for the bundle falls outside the 90-110% band and therefore the banding in Exhibit 16.1-1 should be applied individually to each Resource Unit within the bundle.

Sample Calculation Data:

Resource Unit (RU): Desktop – Standard Workstation

Bundle Designation: B1
Sample Actual Monthly Volume for Desktop – Standard Workstation: 8,000
Sample Actual Monthly Volume for B1: 17,000

a) Given that the Baseline Volume (per Contract Year) for bundle ‘B1’ per Exhibit 16.1-1 is 179,388, the Monthly Baseline volume is 14,949.

\[
\text{B1 Baseline Volumes (per Contract Year) ÷ 12} \\
179,388 ÷ 12 = 14,949
\]

b) Given that the Monthly Baseline Volume for bundle ‘B1’ is 14,949, the monthly volume thresholds for the various bands are as follows:

- \(90-110\% \text{ Threshold for B1} = 16,444 (110\% \times 14,949)\)
- \(110-120\% \text{ Threshold for B1} = 17,939 (120\% \times 14,949)\)
- \(120-130\% \text{ Threshold for B1} = 19,434 (130\% \times 14,949)\)

c) Given that the Sample Actual Monthly Volume for bundle ‘B1’ is 17,000 falls outside of the 90-110\% band, the banding for Desktop – Standard Workstation in Exhibit 16.1-1 applies instead of the banding for B1.

d) Given that the Baseline Volume (per Contract Year) for Desktop – Standard Workstation per Exhibit 16.1-1 is 112,776, the Monthly Baseline volume is 9,398.

\[
\text{Desktop – Standard Workstation Baseline Volumes (per Contract Year) ÷ 12} \\
112,776 ÷ 12 = 9,398
\]

e) Given that the Monthly Baseline Volume for Desktop – Standard Workstation is 9,398, the monthly volume thresholds for the various bands are as follows:

- \(70-80\% \text{ Threshold for Desktop – Standard Workstation} = 7,518 (80\% \times 9,398)\)
- \(80-90\% \text{ Threshold for Desktop – Standard Workstation} = 8,458 (90\% \times 9,398)\)
- \(90-110\% \text{ Threshold for Desktop – Standard Workstation} = 10,338 (110\% \times 9,398)\)

f) Given that the Sample Actual Monthly Volume for Desktop – Standard Workstation is 8,000, the 80-90\% band should be used to calculate monthly charge for Desktop – Standard Workstation.

\[
\text{80-90\% Band RU Fee} = $1.00 \text{ (for purposes of this example only)} \\
\text{Actual Monthly Volume} = 8,000 \\
\text{Calculation} = $1.00 \times 8,000 \\
\text{Sample Monthly Service Fee} = $8,000
\]
4. **THIRD PARTY AGREEMENTS FEES CALCULATION**

Below are sample calculations for the three-tiered level pricing for Third-Party Agreements.

4.1. **Third Party Negotiation – Large**

**Example 1:** County requests Contractor to contract and purchase software licenses and implementation labor from company AAA. Company AAA is not a Third-Party vendor currently contracted by Contractor in support of the Services. The vendor price of the software is $300,000 plus $50,000 for the first year of software maintenance. The vendor price for implementation labor is $200,000.

a) Given that company AAA is not a Third-Party vendor currently contracted by Contractor in support of Services, and the transaction amount is in excess $500,000, the Third Party Negotiation – Large Resource Unit Fee applies.

   \[
   \text{Third Party Negotiation – Large} = $10,000
   \]

b) Additionally, the Third Party Transaction Resource Unit Fee of 5% applies to the transaction amount.

   \[
   (\text{$300,000 + $50,000 + $200,000}) \times 5\% = $27,500
   \]

   **Total fees are $37,500.**

4.2. **Third Party Negotiation – Small**

**Example 1:** County requests Contractor to contract and purchase software licenses from company BBB. Company BBB is not a Third-Party vendor currently contracted by Contractor in support of the Services. The vendor price of the software is $80,000 plus $20,000 for the first year of software maintenance.

a) Given that company BBB is not a third-party vendor currently contracted by Contractor in support of Services, and the transaction amount is less than $500,000, the Third Party Negotiation – Small Resource Unit Fee applies.

   \[
   \text{Third Party Negotiation – Small} = $5,000
   \]

b) Additionally, the Third Party Transaction Resource Unit Fee of 5% applies to the transaction amount.

   \[
   (\text{$80,000 + $20,000}) \times 5\% = $5,000
   \]

   **Total fees are $10,000.**
4.3. Third Party Transaction

Example 1: County requests Contractor to contract with company AAA for labor services in the amount of $100,000. Company AAA is a Third-Party vendor currently contracted by Contractor in support of the Services.

Given negotiation of a new agreement with a Third-Party vendor was not required, the Third Party Transaction Resource Unit Fee of 5% applies to the transaction amount.

\[ $100,000 \times 5\% = $5,000 \]

Total Fees are $5,000.

Example 2: County requests Contractor to transact a software maintenance renewal from company BBB. Company BBB is a Third-Party vendor currently contracted by Contractor in support of the Services. The vendor price for the software maintenance renewal is $20,000.

Given that there was not negotiation of a new agreement with a Third-Party vendor, the Third Party Transaction Resource Unit Fee of 5% applies to the transaction amount.

\[ $20,000 \times 5\% = $1,000 \]

Total Fees are $1,000.

Example 3: County requests Contractor to purchase a large scanner not available in the Optional Item Catalog or as a Resource Unit. The price of the scanner is $10,000. The scanner can be purchased by through a Third-Party vendor currently contracted by Contractor in support of the Services.

Given negotiation of a new agreement with a third-party vendor was not required, the Third Party Transaction Resource Unit Fee of 5% applies to the transaction amount.

\[ $10,000 \times 5\% = $500 \]

Total Fees are $500.

END OF SCHEDULE