# SRRTTF-ACE Laboratory Bid Comparisons Work Sheet

## Qualifications Evaluation

***Submittal Package Information***

| | | | ALS Global | AXYS | Pacific Rim | Vista |
|---|---|---|---|---|---|---|
| Section 1 | | | Met Qualifications | Met Qualifications | Met Qualifications | Met Qualifications |
| | 1.1 | Ecology Accreditation | YES | YES | YES | YES |
| | 1.2 | Minimum 5 Year Experience | YES | YES | YES | YES |
| | 1.3 | International Round Robin Intercalibration Study participant | YES | YES | YES | YES |
| | 1.4 | Documentation of Ability to Provide Analyses (MDL Minimum) | YES | YES | YES | YES |
| | 1.5 | Method Blank Demonstration | YES | YES | YES | YES |
| | 1.6 | Document Instrument Quantitation Limits | YES | YES | YES | YES |
| | 1.7 | Provide Quality Control Limits (Control Samples, Duplicates, Matrix Spikes) | YES | YES | YES | YES |
| | 1.8 | Provide 3 References | YES | YES | YES | YES |
| | 1.9 | Demonstrate Ability to Provide Analytical Reports Requested | YES | YES | YES | YES |
| | 1.10 | Demonstrate Ability to Composite/Combine Extracts of Large Volume Samples | YES | YES | YES | YES |
| Section 2 | | | | | | |
| | 2.1 | Qualifications Narrative | YES | YES | YES | YES |
| | 2.2 | Example Work Product | YES | YES | YES | YES |
| | 2.3 | Submittal of Method Blanks (20) | YES | YES | YES | YES |
| | 2.4 | Submittal of Ongoing Precision and Recovery Standards (20) | YES | YES | YES | YES |

***Qualification Differentiation***

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1.6 | Document Instrument Quantitation Limits | 2.5 L sample ~ 1.7 pg/L<br>4 L sample ~ 1 pg/L<br>CLAM (60 L sample) ~ 0.07 pg/L | 2.5 L sample ~ 1.7 pg/L<br>4 L sample ~ 1 pg/L<br>CLAM (60 L sample) ~ 0.07 pg/L | 2.5 L sample ~ 1.7 pg/L<br>4 L sample ~ 1 pg/L<br>CLAM (60 L sample) ~ 0.07 pg/L | 2.5 L sample ~ 1.7 pg/L<br>4 L sample ~ 1 pg/L<br>CLAM (60 L sample) ~ 0.07 pg/L |
| | 1.8 | Provide 3 References | | | | |
| | 1.10 | Demonstrate Ability to Composite/Combine Extracts of Large Volume Samples | Have not worked with CLAMs | Currently works with CLAM samplers | Currently works with CLAM samplers | Preparing to work with CLAMs |
| | Other | General Observations | Accuracy not guaranteed below the CS-1.0 standard which is 5 times above the CS-0.2 standard | Low level sensitivity for AXYS ~ 8 times below the CS-0.2 standard | Low level sensitivity for Pacific Rim ~ 3 to 5 times below the CS-0.2 standard | Does not normally analyze samples in the low level ranges that may be important for this work; would need to run low levels to determine capability |
| | | | | Tests some sample bottles before accepting the lot from manufacturer | | |

## Commercial Evaluation

***Submittal Package Information***

Exhibit B

Analytical

| | Cost Per Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ALS Global Method Blanks | | | AXYS Method Blanks | | | Pacific Rim Method Blanks | | | Vista Method Blanks | | |
| | <50 pg/L | <10 pg/L | <1 pg/L | <50 pg/L | <10 pg/L | <1 pg/L | <50 pg/L | <10 pg/L | <1 pg/L | <50 pg/L | <10 pg/L | <1 pg/L |
| 2.36 L | 594 | NB | NB | 750 | 750 | NB | 650 | NB | NB | 750 | 825 | 875 |
| 4.0 L | 594 | NB | NB | 800 | 800 | NB | 700 | NB | NB | 900 | 975 | 1,025 |
| CLAM | 594 | 594 | 654 | 765 | 765 | 765 | 650 | 650 | 650 | 825 | 850 | 900 |

Compositing

| | Cost Per Sample | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ALS Global | | | AXYS | | | Pacific Rim | | | Vista Method | | |
| | 3 Sample | 5 Sample | 7 Sample | 3 Sample | 5 Sample | 7 Sample | 3 Sample | 5 Sample | 7 Sample | 3 Sample | 5 Sample | 7 Sample |
| 2.36 L | 15 | 25 | 35 | 25 | 35 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.0 L | 15 | 25 | 35 | 25 | 35 | 50 | 0 | 0 | 0 | 0 | 0 | 0 |

Miscellaneous

| | ALS Global | AXYS | Pacific Rim | Vista Method |
|---|---|---|---|---|
| Sample Shipping | Outbound shipping included, sample returns to lab is not | Outbound shipping included, sample returns to lab is not | Outbound shipping included, sample returns to lab is not | Outbound shipping included, sample returns to lab is not |
| Supplying EDDs | Included in sample unit cost | Included in sample unit cost | Included in sample unit cost | Included in sample unit cost |
| Specification Exceptions | None Taken | None Taken | Cleaning and field spiking for CLAMs - $60/sample | None Taken |
| Other | 1 L sample bottles no extra charge; larger sample containers have additional charge (~$6 to ~$8) | | 1 L sample bottles no extra charge; 2.36 L sample bottles, $6 extra; 4.0 L sample bottles $8 extra. | |