**Attachment 1. Detailed Technical Scope**

The service provider must fill out this form to demonstrate its technical capability.

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| # | **TESTWORK / DESCRIPTION** | **Comment** | **UoM** | **No. Units** | **If supplier able to do the test in Mongolia****YES/NO** |
| 1. Composite Sample Preparation  |   |   |   |  |
| 1.01 | Receive Sample and Inventory | Crushed samples from overseas lab | per kg | 50.0 |  |
| 1.02 | Control Crush to required size |   | per kg | 50.0 |  |
| 1.03 | Rotary Blending & Splitting |   | per kg | 50.0 |  |
| 1.04 | Prepare head samples for assay |   | per sample | 2.0 |  |
| 1.05 | Assay head samples for full assay suite | Full assay suite - Ag, Al, Au, As, Ba, Be, Bi, Ca, Cd, C, Cl, Co, Cr, Cu, F, Fe, Ge, Hg, K, Mg, Mn, Mo, Na, Ni, P, Pb, Pd, Pt, Re, S, Sb, Se, SiO2, Sn, Sr, Te, Ti Tl, V, Y, Zn, Zr  | per sample | 2.0 |  |
| 2. Composite Head Characterisation, II |  |
| 2.01 | Bond ball mill work index | Can re-cycle sample mass from bond Ai test | per test | 2.0 |  |
| 2.02 | Bond abrasion index | Sample size fraction -19+12.7 mm  | per test | 2.0 |  |
| 3. Composite Benchscale Flotation Testwork |   |   |   |  |
| 3.01 | Rougher Kinetics Flotation Tests, up to 3kg (5L) |   | per test | 4.0 |  |
| 3.02 | Prepare rougher float products for assay (8 per Test) | 5 cons + 1 tail | per product | 32.0 |  |
| 3.03 | Assay rougher flotation products for reduced assay suite |   | per assay | 32.0 |  |
| 3.04 | Rougher-Regrind-First Cleaner-Second Cleaner-Third Cleaner Kinetics Flotation Tests, up to 5kg (9L) |   | per test | 4.0 |  |
| 3.05 | Prepare cleaner float products for assay (8 per Test) | 5 cons + 4 tails | per product | 32.0 |  |
| 3.06 | Assay flotation products for reduced assay suite |   | per assay | 32.0 |  |
| 3.07 | Locked cycle flotation testwork [2 x cycle test cost], 3kg (5L) |   | per test | 2.0 |  |
| 3.08 | Prepare locked cycle float products for assay (40 per Test) | 1 con + 4 tails per cycle  | per product | 80.0 |  |
| 3.09 | Assay flotation products for reduced assay suite |   | per assay | 80.0 |  |
| 3.10 | Assay 3rd cleaner concentrate sample for full assay suite |   | per assay | 2.0 |  |