		AL HYGIENE LABORATORY SERVICES FOR A PERIOD OF FIVE (5) YEARS AT KUSILE POWER STATION						
Item No.		Description	Unit	Qty	Duration	Rate	Amount	
	PRELIMINARIES AND GENER	AL						
	Fixed							
1.1.1	Safety file		Once Off	1				
	Time Deleted						1	
1.2	Time Related	rom Kusile to the Laboratory and from the Laboratory to Kusile - Annually	D K	070	-			
1.2.1		rom Kusile to the Laboratory and from the Laboratory to Kusile - Bi-Annually	Per Km Per Km	270 540	5			
1.2.3		rom Kusile to the Laboratory and from the Laboratory to Kusile - Fortnightly	Per Km	7020	5			
1.2.3	Transportation of samples i	to in tustie to the Laboratory and from the Laboratory to rustie - I of thightly	reikiii	7020	3			
		Sub-total P&Gs:	†					
		President		a.	Calibration			
Item No.		Description	Unit	Qty	Frequency	Rate	Amount	
2	LIGHTING EQUIPMENT	E AND REPAIR OF OH INSTUMENTATION (AS AND WHEN REQUIRED). COMPILATION OF SAMPLE ANALYSIS REPORTS						
2.1	Goldilux Meter GAL 2 [Onc	a a Vaari	Annually	1	5			
2.1		eter Photography Lux Meter Detachable Probe Luminometer 20000 Lux/Fc Photometer Environmental Tester [Once a Year]	Annually	1	5			
2.2	TOT TAGGEA DIGITAL EIGHT IV	etel i hotography Edx weter Detachable i 1006 Edithionietel 20000 Edx i C i hotolietel Environmental i estel (Drice a real)	Airidally		,			
3	NOISE EQUIPMENT							
3.1	3M Sound Level Meter (Sou	nd Pro) [Once a Year]	Annually	1	5		†	
3.2	3M Sound Examiner Sound		Annually	1	5		 	
3.3		Level Meter & Analyser [Once a Year]	Annually	1	5		 	
3.4	3M Edge 5 Dosimeter [Onc		Annually	5	5		†	
3.5	3M Aucostic Calibrator QC		Annually	2	5		 	
3.6		4 dB & 114 dB SV 36 [Once a Year]	Annually	1	5		†	
			,		<u> </u>		†	
4	VENTILATION EQUIPMENT							
4.1	TSI IAQ-Calc Monitor [Onc	e a Yearl	Annually	1	5			
4.2	T7545 Multi-indoor Air [One		Annually	1	5			
4.3	TSI T9515 [Once a Year]		Annually	1	5			
4.4	TSI Hot Wire Anemometry	Once a Year]	Annually	2	5		İ	
4.5	Quest Thermal Environmen		Annually	2	5			
4.6	LSI Thermal Environment N		Annually	1	5		İ	
4.7	IR1651 - Digital Infr-Red Ti	ermometer	Annually	1	5			
5	RADIATION EQUIPMENT							
5.1	RadEye BG20-10 X-ray Su	vey Meter [Once a Year]	Annually	1	5			
5.2	DoseRAE [Once a Year]		Annually	1	5			
5.3	Trudose BG W/O TEL [On	ce a Year]	Annually	3	5			
6	HAZARDOUS CHEMICAL AG	ENTS						
6.1	Gil Air Sampling Pumps [O	nce a Year]	Annually	4	5			
6.2	Gillian Flow Cell Gilbrator [Once a Year]		Annually	1	5			
6.3	Gillian go-Cal Pro Calibrato	[Once a Year]	Annually	1	5			
6.4	Portable Hydrogen (H2) Ga	s Detector [Twice a Year - Every 6 Months]	Bi-Annually	1	10			
6.5	Altair 5x Multigas [Twice a '	/ear - Every 6 Months]	Bi-Annually	1	10			
6.6	Dräger Pac® 8000 Single 0	sas Monitor NH ₃ [Twice a Year - Every 6 Months]	Bi-Annually	3	10			
6.7	Single Gas Monitor PAC 65	00 SO ₂ [Twice a Year - Every 6 Months]	Di Assesselle	4	10			1
6.8	Droger V em E00 Besis ITu		Bi-Annually	7				
0.0	Diagei A-aiii 500 Basic [19	ice a Year - Every 6 Months]	Bi-Annually Bi-Annually	4	10			
6.9	Qrae 3 Gas Monitor [Twice	ice a Year - Every 6 Months]						
6.9		ice a Year - Every 6 Months]	Bi-Annually	4	10			
б.9		ice a Year - Every 6 Months] a Year - Every 6 Months]	Bi-Annually	4	10			
6.9 Item No.		ice a Year - Every 6 Months] a Year - Every 6 Months]	Bi-Annually	4	10 10 Collection	Duration	Rate	Amount
		ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years:	Bi-Annually Bi-Annually	1	10	Duration	Rate	Amount
Item No.	Qrae 3 Gas Monitor [Twice	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years:	Bi-Annually Bi-Annually	1	10 10 Collection	Duration	Rate	Amount
Item No.	Qrae 3 Gas Monitor [Twice	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description	Bi-Annually Bi-Annually	1	10 10 Collection	Duration	Rate	Amount
Item No.	Orae 3 Gas Monitor (Twice OCCUPATIONAL HYGIENE L HCA Sampled	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media	Bi-Annually Bi-Annually Unit	4 1	10 10 Collection Frequency		Rate	Amount
7 7.1	Qrae 3 Gas Monitor [Twice OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnightly]	4 1 Qty	10 10 Collection	60	Rate	Amount
Item No.	Orae 3 Gas Monitor (Twice OCCUPATIONAL HYGIENE L HCA Sampled	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month	Bi-Annually Bi-Annually Unit Unit Every 2 weeks [Fortnightly] No	4 1	10 10 Collection Frequency		Rate	Amount
7 7.1	Qrae 3 Gas Monitor [Twice OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnighty] Every 2 weeks	4 1 Qty	10 10 Collection Frequency	60	Rate	Amount
7.1 7.1.1 7.2	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortright x2 = 12 per Month eports Respirable Silica	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnighty] No Every 2 weeks [Fortnighty]	4 1 1 Qty 12 12 6	10 10 Collection Frequency	60	Rate	Amount
7.1.1.1.7.2.1.1.1	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diesel Particulate Matter	Bi-Annually Bi-Annually Unit Every 2 weeks [Fornighty] No Every 2 weeks [Fornighty] No	4 1 1 1 1 2 1 2 6 6 6	Collection Frequency 4	60 60 60	Rate	Amount
7.1 7.1.1 7.2	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month exports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month exports Diesel Particulate Matter Solid Sorbent Tube [3 per Month]	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnighty] No Every 2 weeks [Fortnighty]	4 1 1 Qty 12 12 6	10 10 Collection Frequency	60	Rate	Amount
7.1.1.1.7.2.1.1.1	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diesel Particulate Matter	Bi-Annually Bi-Annually Unit Every 2 weeks [Fornighty] No Every 2 weeks [Fornighty] No	4 1 1 1 1 2 1 2 6 6 6	Collection Frequency 4	60 60 60	Rate	Amount
7.1.1.7.2.1.7.3.1	Orae 3 Gas Monitor (Twice OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds Sample Analysis: Monthly F	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diseal Particulate Matter Solid Sorbent Tube [3 per Month] eports Violatile Organic Compounds	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnighty] No Every 2 weeks [Fortnighty] No [Monthly]	12 12 6 6 3	10 10 Collection Frequency 4 4	60 60 60 60 60	Rate	Amount
7.1 7.1.1 7.2 7.2.1 7.3	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month exports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month exports Diesel Particulate Matter Solid Sorbent Tube [3 per Month]	Bi-Annually Bi-Annually Unit Unit Every 2 weeks [Fornighth] No Every 2 weeks [Fornighthy] No [Monthly]	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Collection Frequency 4	60 60 60 60	Rate	Amount
7.1.1.1.7.2.1.1.3.1.1.7.3.1.1.7.4	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds Sample Analysis: Monthly F Inorganic Acids	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diesel Particulate Matter Solid Sorbent Tube [3 per Month] eports Volatile Organic Compounds Two (2) Filters in series seperated with a chemically inert spacer: (1) pre-filter: 37mm diameter quartz fiber filter; (2) sampling filter 37mm diameter quartz fiber filter impregnated with 500µl Na2 CO3 solution (1m) [3 per Month]	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnightly] No Every 2 weeks [Fortnightly] No [Monthly] No	12 12 6 6 3 3	10 10 Collection Frequency 4 4	60 60 60 60 60 60	Rate	Amount
7.1.1.7.2.1.7.3.1	Orae 3 Gas Monitor (Twice OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds Sample Analysis: Monthly F	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diesel Particulate Matter Solid Sorbent Tube [3 per Month] eports Vidatile Organic Compounds Two (2) Filters in series seperated with a chemically inert spacer; (1) pre-filter: 37mm diameter quartz fiber filter; (2) sampling filter 37mm diameter quartz fiber filter impregnated with 500µl Na2 CO3 solution (1m) [3 per Month] eports for Inorganic Acids	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnighty] No Every 2 weeks [Fortnighty] No [Monthly]	12 12 6 6 3	10 10 Collection Frequency 4 4	60 60 60 60 60	Rate	Amount
7.1.1.1.7.2.1.1.3.1.1.7.3.1.1.7.4	OCCUPATIONAL HYGIENE L HCA Sampled Respirable Silica Sample Analysis: Monthly F Diesel Particulate Matter Sample Analysis: Monthly F Volatile Organic Compounds Sample Analysis: Monthly F Inorganic Acids	ice a Year - Every 6 Months] a Year - Every 6 Months] Sub-total for Calibration for 5 Years: Description ABORATORY SERVICES - SUPPLY CONSUMABLES LIST Sample Media PVC Filters [12 per Month] 6 per Fortnight x2 = 12 per Month eports Respirable Silica Quartz-Fiber [6 per Month] 3 per Fortnight x2 = 6 per Month eports Diesel Particulate Matter Solid Sorbent Tube [3 per Month] eports Volatile Organic Compounds Two (2) Filters in series seperated with a chemically inert spacer: (1) pre-filter: 37mm diameter quartz fiber filter; (2) sampling filter 37mm diameter quartz fiber filter impregnated with 500µl Na2 CO3 solution (1m) [3 per Month]	Bi-Annually Bi-Annually Unit Every 2 weeks [Fortnightly] No Every 2 weeks [Fortnightly] No [Monthly] No	12 12 6 6 3 3	10 10 Collection Frequency 4 4	60 60 60 60 60 60	Rate	Amount