

SEWPCC UPGRADING/EXPANSION PROJECT  
BID OPPORTUNITY NO. 976-2016

<b>SOUND ATTENUATOR SCHEDULE</b>			<b>23 31 13.02</b>				
SYMBOL			SIL-1	SIL-2	SIL-3	SIL-4	SIL-5
SERVING			GENERATOR ROOM (GENSET EX)	GENERATOR ROOM (GENSET EX)	GENERATOR ROOM (GENSET IN)	GENERATOR ROOM (GENSET IN)	GENERATOR ROOM (EF-C661)
AIRFLOW DATA	QUANTITY	L/s	41333	41333	44496	44496	142
	FACE VELOCITY	m/s	1.83	1.83	1.19	1.19	1.58
	FLOW DIRECTION	FWD/REV	FWD	FWD	REV	REV	FWD
	PRESSURE DROP	Pa	15	15	5	5	5
SIZE	WIDTH	mm	4600	4600	5000	5000	300
	HEIGHT	mm	4900	4900	7400	7400	300
	LENGTH	mm	1500	1500	900	900	1500
DYNAMIC INSERTION LOSS (dB)	MID OCTAVE BAND FREQUENCY (Hz)	63	6	6	7	7	4
		125	10	10	12	12	9
		250	22	22	18	18	20
		500	40	40	24	24	37
		1K	51	51	35	35	51
		2K	55	55	28	28	49
		4K	37	37	17	17	32
		8K	24	24	12	12	21
MANUFACTURER			VIBRO-ACOUSTICS	VIBRO-ACOUSTICS	VIBRO-ACOUSTICS	VIBRO-ACOUSTICS	VIBRO-ACOUSTICS
MODEL NO.			RD-LV-F9-L17782	RD-LV-F9-L17782	RD-ULV-F6-L17782	RD-ULV-F6-L17782	RD-MLV-F9-L17782
APPLICABLE REMARKS			B	B			A
REMARKS							
A: PROVIDE INLET AND OUTLET DUCT TRANSITIONS AS REQUIRED							
B: PROVIDE HTL CASING EQUIVALENT TO 10 GAUGE DUCT WALL TO CONTROL BREAKOUT							