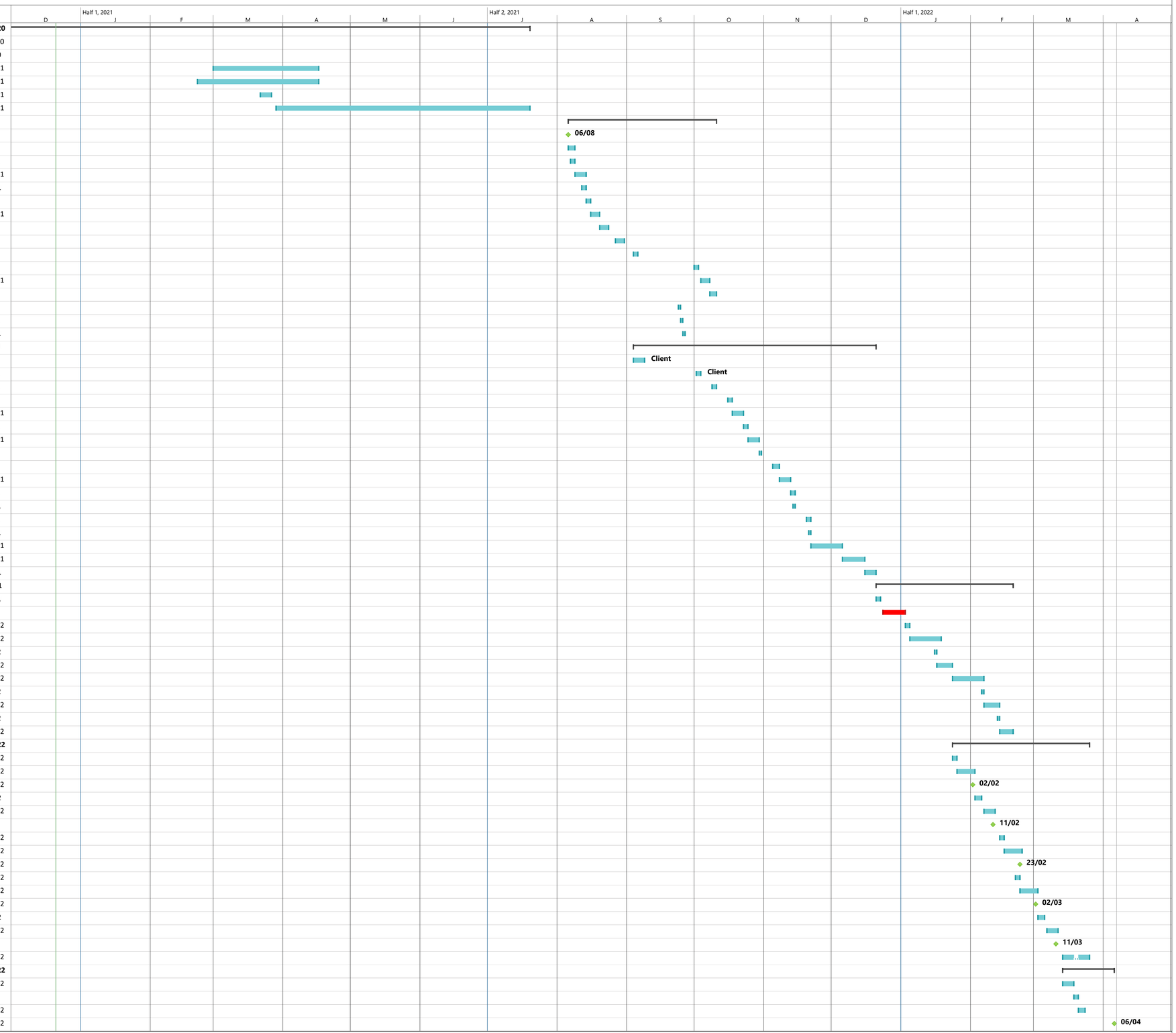
5474 PL 001 Rev 1 - Mansfield & District Crematorium
Programme of Works - Crematorium Refurbishment

Matthews ENVIRONMENTAL SOLUTIONS

ID	Task Name	Duration	Start
1	**PRELIMINARIES AND PROCUREMENT**	**407 days**	**Mon 08/06/20**
2	Contract award	0 days	Mon 08/06/20
3	Initial project and planning review with client	1 day	Tue 09/06/20
4	Detail design development	47 days	Mon 01/03/21
5	Create P&IDs and produce BOM/item list	54 days	Mon 22/02/21
6	Order long lead time items	5 days	Mon 22/03/21
7	Lead time of major equipment	113 days	Mon 29/03/21
8	**SITE SETUP & REMOVAL OF EXISTING PLANT**	**66 days**	**Fri 06/08/21**
9	Take possession of site	0 days	Fri 06/08/21
10	Set up site compound and welfare facilities	3 days	Fri 06/08/21
11	Set all cremators to bypass	2 days	Sat 07/08/21
12	Decommission abatement systems and carry out electrical isolations	5 days	Mon 09/08/21
13	Decommission cremator 1	2 days	Thu 12/08/21
14	Remove cremator 1 exhaust ductwork	2 days	Sat 14/08/21
15	Dismantle Cremator 1 Ancillaries, pipework, Electromechanical devices etc.	4 days	Mon 16/08/21
16	Demolition of cremator 1 refractory	4 days	Fri 20/08/21
17	Remove cremator 1 carcass	4 days	Fri 27/08/21
18	Drain Glycol circuits and empty carbon beds	2 days	Sat 04/09/21
19	Remove carbon beds, ID fans, air blast coolers	2 days	Fri 01/10/21
20	Partially dismantle steel mezzanine to facilitate bag filter removal	4 days	Mon 04/10/21
21	Remove bag filters and compressor	3 days	Fri 08/10/21
22	Remove first heat exchanger	1 day	Fri 24/09/21
23	Remove second heat exchanger	1 day	Sat 25/09/21
24	Remove third heat exchanger	1 day	Sun 26/09/21
25	**PLANT INSTALLATION**	**108 days**	**Sat 04/09/21**
26	Refurbish floor in cremator 1 area (by client)	5 days	Sat 04/09/21
27	Take down compressor brick enclosure (by client)	2 days	Sat 02/10/21
28	Install new flue offtake to cremator 2	2 days	Sat 09/10/21
29	Install new flue offtake to cremator 3	2 days	Sat 16/10/21
30	Modifications to steel mezzanines to accommodate new equipment	5 days	Mon 18/10/21
31	Install new flue offtake to cremator 4	2 days	Sat 23/10/21
32	Modifications to yard area plinths to accommodate new equipment	5 days	Mon 25/10/21
33	Install new heat exchangers on front aspect roof area	1 day	Sat 30/10/21
34	Install cremator to heat exchanger connecting ducts	3 days	Fri 05/11/21
35	Assemble new pump sets on internal steel mezzanine	5 days	Mon 08/11/21
36	Install bag filters in yard area	2 days	Sat 13/11/21
37	Install reagent dosing units	1 day	Sun 14/11/21
38	Install new air blast coolers and induced draught fans	2 days	Sat 20/11/21
39	Install compressors	1 day	Sun 21/11/21
40	Install internconnecting ducting	14 days	Mon 22/11/21
41	Install heat dissipation pipework	10 days	Mon 06/12/21
42	Install compressed air delivery pipework	5 days	Thu 16/12/21
43	**ELECTRICAL INSTALLATION**	**61 days**	**Tue 21/12/21**
44	Install abatement control panels	2 days	Tue 21/12/21
45	CHRISTMAS BREAK	10 days	Fri 24/12/21
46	Install abatement electrical devices	2 days	Mon 03/01/22
47	Install single abatement system electrical wiring	14 days	Wed 05/01/22
48	Install first cremator control panel	1 day	Sun 16/01/22
49	Eletrical wiring to first cremator	7 days	Mon 17/01/22
50	Install 2-into-1 abatement system electrical wiring	14 days	Mon 24/01/22
51	Install second cremator control panel	1 day	Sun 06/02/22
52	Electrical wiring to second cremator	7 days	Mon 07/02/22
53	Install third cremator control panel	1 day	Sun 13/02/22
54	Electrical wiring to third cremator	6 days	Mon 14/02/22
55	**TESTING & COMMISSIONING**	**61 days**	**Mon 24/01/22**
56	Pre-commission first cremator	2 days	Mon 24/01/22
57	Commission first cremator	8 days	Wed 26/01/22
58	First cremator operational (unabated)	0 days	Wed 02/02/22
59	Pre-commission single abatement system	3 days	Thu 03/02/22
60	Commission single abatement system	5 days	Mon 07/02/22
61	First cremator operational (abated)	0 days	Fri 11/02/22
62	Pre-commission second cremator	2 days	Mon 14/02/22
63	Commission second cremator	8 days	Wed 16/02/22
64	Second cremator operational (unabated)	0 days	Wed 23/02/22
65	Pre-commission third cremator	2 days	Mon 21/02/22
66	Commission third cremator	8 days	Wed 23/02/22
67	Third cremator operational (unabated)	0 days	Wed 02/03/22
68	Pre-commission 2-into-1 abatement system	3 days	Thu 03/03/22
69	Commission 2-into-1 abatement system	5 days	Mon 07/03/22
70	Practical completion - all three cremators running abated	0 days	Fri 11/03/22
71	Full operator training	10 days	Mon 14/03/22
72	**COMPLETION AND SITE HANDOVER**	**23 days**	**Mon 14/03/22**
73	O&M manuals issued, on site H&S file and CDM file updated	5 days	Mon 14/03/22
74	Clear site and deep clean	2 days	Sat 19/03/22
75	Independent emmissions testing	3 days	Mon 21/03/22
76	Final handover meeting (on reciept of emissions test results)	0 days	Wed 06/04/22



Project: 5474 - Mansfield & Dis
Date: Mon 21/12/20

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Progress | Manual Progress