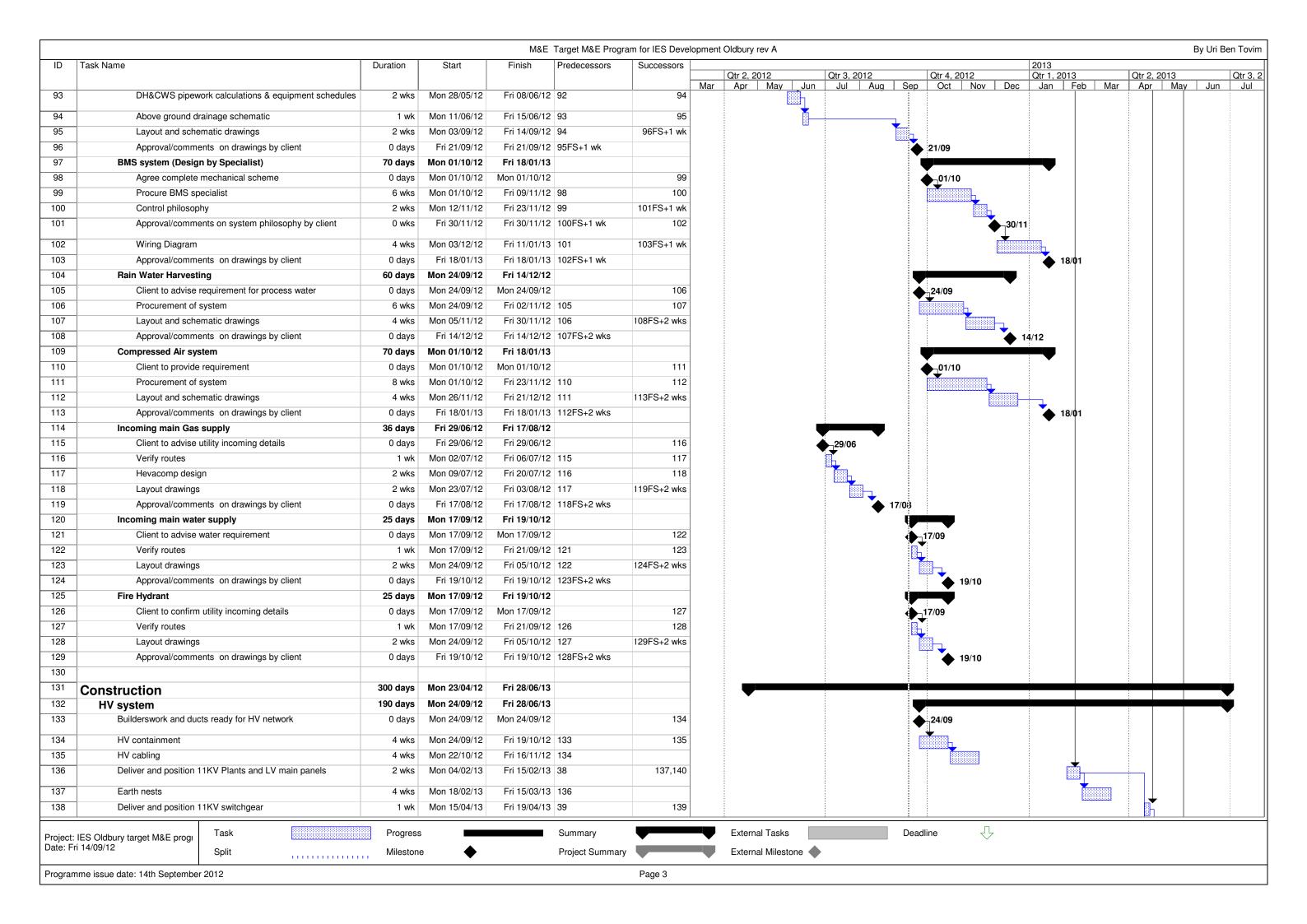


D	Task Name	Duration	Start	Finish	Target M&E Progra	Successors			•							2013				By Uri Ber	
	Task Name	Duration	Start	FIIIISII	Predecessors	Successors	Mar	Qtr 2, 2012	ay Jun	Qtr 3,		Sep	Qtr 4, 2	2012 Nov	Dec	Qtr 1, 201	3 Feb M	Qtr	2, 2013 or May	Jun	Qtr Jı
7	Issue drawing for approval	0 days	Fri 21/09/12	Fri 21/09/12		48FS+2 wks	IVIAI	Apr IVI	ay Jun	Jui	Aug		OCι	INOV	Dec	Jan I	eb iv	ar A	or iviay	Jun	
3	Approval/comments on drawings by client	0 days	Thu 04/10/12	Thu 04/10/12	47FS+2 wks								04/1	0							
9													_								
0	Containment system	30 days	Mon 21/05/12	Fri 29/06/12						Ù											
1	Strategy drawings	1 wk	Mon 21/05/12	Fri 25/05/12		52			L												
2	Verify routes	1 wk	Mon 28/05/12	Fri 01/06/12	51	53															
3	Layout drawings	2 wks	Mon 04/06/12	Fri 15/06/12	52	54FF+2 wks				<u> </u>											
4	Approval/comments on drawings by client	0 days	Fri 29/06/12	Fri 29/06/12	53FF+2 wks				•	29/0	16										
5										Ĭ											
6	Lighting & Emergency Lighting (incl. External Lighting)	50 days	Mon 14/05/12	Fri 20/07/12				•			•										
7	Preliminary lighting layout drawings for approval	2 wks	Mon 14/05/12	Fri 25/05/12		58FF+2 wks															
8	Approval/comments on drawings by client	0 days	Fri 08/06/12	Fri 08/06/12	57FF+2 wks	59			4 08	3/06											
9	lighting calculation and circuit ref'	4 wks	Mon 11/06/12	Fri 06/07/12	58	FF+2 wks,60			Ĭ	<u> </u>	_										
60	Issue drawing for approval	1 wk	Mon 09/07/12	Fri 13/07/12	59					Ti											
51	Approval/comments on drawings by client	0 days	Fri 20/07/12	Fri 20/07/12	59FF+2 wks						20/07										
62										Ť											
3	Small Power & Data	100 days	Mon 14/05/12	Fri 28/09/12						;											
4	Preliminary power layout drawings for approval	2 wks	Mon 14/05/12	Fri 25/05/12		65FF+2 wks															
5	Approval/comments on drawings by client	0 days	Fri 08/06/12	Fri 08/06/12	64FF+2 wks	36FS+10 wks			4 08	3/06											
6	Layout drawings c/w circuit ref'	4 wks	Mon 20/08/12	Fri 14/09/12	65FS+10 wks	67FF+2 wks			·		Y	-									
67	Approval/comments on drawings by client	0 days	Fri 28/09/12	Fri 28/09/12	66FF+2 wks							•	28/09								
88																					
69	Fire Alarm systems	100 days	Mon 14/05/12	Fri 28/09/12				•													
'0	Preliminary Fire layout drawings for approval	2 wks	Mon 14/05/12	Fri 25/05/12		71FS+2 wks			—												
'1	Approval/comments on drawings by client	0 wks	Fri 08/06/12	Fri 08/06/12	70FS+2 wks	72FS+10 wks			08	3/06											
2	Layout and schematic drawings	4 wks	Mon 20/08/12	Fri 14/09/12	71FS+10 wks	73FF+2 wks			Ť		Ĭ										
'3	Approval/comments on drawings by client	0 days	Fri 28/09/12	Fri 28/09/12	72FF+2 wks							•	28/09								
'4																					
75	Security Systems (CCTV, Access control & Intruder	30 days	Mon 01/10/12	Fri 09/11/12								ı									
76	Alarm) Client to issue security requirement	0 days	Mon 01/10/12	Mon 01/10/12		77							.: ♠01/1()							
7	Layout and schematic drawings	4 wks	Mon 01/10/12	Fri 26/10/12		78FF+2 wks						· ·									
'8	Approval/comments on drawings by client	0 days	Fri 09/11/12	Fri 09/11/12	77FF+2 wks									4 09)/11						
79	<u> </u>																				
30																					
31	MECHANICAL DESIGN	184 days	Mon 28/05/12	Thu 21/02/13																	
32	Ventilation & Cooling	112 days	Wed 05/09/12	Thu 21/02/13					•												
33	Issue Preliminary drwaings to be agreed by Structual	0 days	Wed 05/09/12	Wed 05/09/12		84FS+7						05/	09				_				
34	Engineer Comfirmation to proceed/comments	0 days	Thu 13/09/12	Thu 13/00/12	83FS+7 days	days 85						V :									
35	Early warning	2 wks	Fri 14/09/12	Thu 13/09/12 Thu 27/09/12		86FS+1 wk						1	3/09								
35 36	Instruction to proceed with design and installation		Thu 04/10/12	Thu 27/09/12 Thu 04/10/12		86FS+1 WK							04/4	•							
		0 days	1110 04/10/12	1110 U4/ 10/ 12	OOI O+I WK								04/1	U							
37	Plant size and layout drawing	1 wk	Fri 05/10/12	Thu 11/10/12		88FS+1 wk		:													
8	Approval/comments on drawings by client	0 days	Thu 18/10/12	Thu 18/10/12		89							•	18/10							
19	Procure AHU's and fans	6 wks	Fri 19/10/12	Thu 29/11/12		30FS+10 wks															
00	Deliver AHU's and fans	0 days	Thu 21/02/13		89FS+10 wks												21 /	02			
91	Domestic and Public health	85 days	Mon 28/05/12	Fri 21/09/12		= -							l								
92	Client to advise requirement for process water	0 days	Mon 28/05/12	Mon 28/05/12		93			28/05			:				!					_
	IES Oldbury target M&E progi	Progress	S ===		Summary			External Ta	asks			Dead	lline	$\hat{\Gamma}$	7						
te: Fri	i 14/09/12 Split	Mileston	е 🔷		Project Summary			External M	ilestone 🔷	•											
		*	•				·														



												By Uri Ben To
Task Name	Duration	Start	Finish	Predecessors	Successors		01:0.0010	01:0 0010	Ot. 1 0010	2013	lo: 0 00:=	I a:
								Qtr 3, 2012	Oct Nov	Qtr 1, 2013		
11KV HV Completed by WPD and available for connection	0 days	Fri 19/04/13	Fri 19/04/13	138	140FS-1 wk	IVIGI	7tpi Way Gari	- dai Adg CCD	001 1101	, bee ban i re	19/0	4
11KV termination	2 wkc	Mon 15/04/13	Fri 26/04/13	136 130FS-1 wk	1/1							
											7	50.00
	4 WKS	101011 29/04/13	FII 24/05/13	140	142							#1
11KV meter is installed	1 wk	Mon 27/05/13	Fri 31/05/13	141	143							
Energise EMR & IES	1 wk	Mon 03/06/13	Fri 07/06/13	142	181,205							
Deliver and position 33KV transformer & equipment	1 wk	Mon 13/05/13	Fri 17/05/13	40	145							
11KV & 33KV termination	2 wks	Mon 20/05/13	Fri 31/05/13	144	146						L	
11Kv, 33KV and generators links testing and commissioning	4 wks	Mon 03/06/13	Fri 28/06/13	145								
												000000000
•	-						V		_			
-	-								•			
Building Is watertight ready for M&E installation	0 days	Mon 26/11/12	Mon 26/11/12		151				•	26/11		
1st fix M&E installation	8 wks	Mon 26/11/12	Fri 01/02/13	150	152SS+4 wks				_	*		
2nd Fix M&E installation	8 wks	Mon 07/01/13			153SS+4 wks							
Final fix M&E Installation	8 wks				154							
	2 wks									✓		
Rooms are watertight ready for M&E installation	0 days	Mon 17/12/12	Mon 17/12/12		157					17/12		
1st fix M&E installation	4 wks	Mon 17/12/12	Fri 25/01/13	156	158					→ i		
					100							
Onagging	Z WKS	10011 23/03/13	111 03/04/10	133								
Palanas of Cita Warks	70 daya	Mon 15/10/12	Eri 01/02/12									
	•				104 105 100				45/40			
·	-				164,165,166				15/10			
_	-											
<u> </u>	,											
	-											
Gate house is watertight and ready for M&E services	0 days	Mon 07/01/13	Mon 07/01/13		168					07/01		
M&E services in gate house	2 wks	Mon 07/01/13	Fri 18/01/13	167								
Builderswork, duct, trenches and sleeves are	0 days	Mon 07/01/13	Mon 07/01/13		170,172,171					07/01		
completed	-	Mon 07/04/40	Ev: 10/01/10	160						F100 6		
·												
·					17000							
<u> </u>					1/3FF							
Complete low level lightning protection	2 wks	Mon 21/01/13	Fri U1/02/13	1/2FF								
			P 1 44 / 1 1 1 1									
	-											
	0 days											
Comments on draft O&M manuals	0 days	Mon 23/04/12										
Final O&M manual and Log book	0 days						23/04					
Gas on	0 days	Mon 25/02/13			182						◆ 25/02	_
Water On	0 days	Mon 25/02/13	Mon 25/02/13		182						25/02	\dashv \downarrow
Power on	0 days	Fri 07/06/13	Fri 07/06/13	143	182FS-2 wks							07/06
Commissioning	5 wks	Mon 27/05/13	Fri 28/06/13	179,180,181FS-2	183FF							
								. :	•			and the second s
ES Oldhury target M&E program Task	Progress	3		Summary			External Tasks	Dea	dline			
14/09/12 Split	Mileston			•	T		_		_	,		
Spiit 11111111111	IVIIIESION	—		i ioj o oi ouiiiiidiy			EXICITIAL IVIIIESIUTE					
	Test & Commission 11KV switchgear, temporary 11KV & EMR ring 11KV meter is installed Energise EMR & IES Deliver and position 33KV transformer & equipment 11KV & 33KV termination 11KV, 33KV termination 11KV, 33KV and generators links testing and commissioning EMR Building Workshop area Building Is watertight ready for M&E installation 1st fix M&E installation 2nd Fix M&E installation Final fix M&E Installation Snagging Offices Rooms are watertight ready for M&E installation 1st fix M&E installation 2nd Fix M&E installation 5nagging Offices Roams are watertight ready for M&E installation 1st fix M&E installation 5nagging Balance of Site Works Excavation completed Incoming Gas Incoming water Fire Hydrant system Gate house is watertight and ready for M&E services M&E services in gate house Builderswork, duct, trenches and sleeves are completed CCTV system Site wide power and fire alarm links External lighting Complete low level lightning protection General tasks Draft O&M manuals Comments on draft O&M manuals Final O&M manual and Log book Gas on Water On Power on Commissioning	11KV HV Completed by WPD and available for connection 11KV termination 2 wks Test & Commission 11KV switchgear, temporary 11KV & 4 wks EMR ring 11KV meter is installed 1 wk Energise EMR & IES 1 wk Deliver and position 33KV transformer & equipment 11kV & 33KV termination 2 wks 11KV, 33KV and generators links testing and commissioning 4 wks EMR Building 300 days Workshop area 8 Building Is waterlight ready for M&E installation 9 days 1st fix M&E installation 8 wks 2nd Fix M&E installation 8 wks Snagging 2 wks Offices 70 days Rooms are watertight ready for M&E installation 0 days 1st fix M&E installation 8 wks Snagging 2 wks Offices 70 days Rooms are watertight ready for M&E installation 0 days 1st fix M&E installation 4 wks 2nd Fix M&E installation 4 wks 2nd Fix M&E installation 4 wks 2nd Fix M&E installation 4 wks Snagging 2 wks Offices 70 days Rooms are watertight ready for M&E installation 9 days 1st fix M&E installation 4 wks 2nd Fix M&E installation 9 days 1st fix M&E installation 1 days 1	11KV HV Completed by WPD and available for connection 2 w/s Mon 15/04/13	11KV HV Completed by WPD and available for connection 11KV termination 2 wks Mon 15/04/13 Fri 19/04/13 Test & Commission 11KV switchgear, temporary 11KV & 4 wks EMR 1ring 11KV meter is installed 1 wk Mon 29/05/13 Fri 28/05/13 Energies EMR & IES 1 wk Mon 39/06/13 Fri 79/06/13 Deliver and position 33KV transformer & equipment 1 tyk Mon 30/06/13 Fri 17/05/13 11KV & 33KV termination 2 wks Mon 20/06/13 Fri 17/05/13 11KV, 33KV and generators links testing and commissioning 4 wks Mon 20/06/13 Fri 31/05/13 EMR Building Workshop are Building Workshop are Building Is watertight ready for M&E installation 0 days Mon 26/11/12 Fri 12/04/13 Amon 26/11/12 Fri 12/04/13 Frinal fix M&E installation 8 wks Mon 06/11/12 Fri 12/04/13 Amon 26/11/12 Fri 12/04/13 Deliver and MAE installation 8 wks Mon 06/11/12 Fri 12/04/13 Frinal fix M&E installation 8 wks Mon 07/01/13 Fri 10/02/13 Frinal fix M&E installation 8 wks Mon 07/01/13 Fri 12/04/13 Prinal fix M&E installation 9 wks Mon 17/12/12 Mon 17/12/12 1st fix M&E installation 1 days Mon 17/12/12 Mon 17/12/12 1st fix M&E installation 4 wks Mon 17/12/12 Fri 12/04/13 Prinal fix M&E installation 4 wks Mon 17/12/12 Fri 12/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 12/04/13 Prinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 25/01/13 Fri 12/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 25/01/13 Fri 12/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 4 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 5 wks Mon 17/12/12 Fri 16/04/13 Frinal fix M&E installation 7 days Mon 15/10/12 Fri 26/10/13 Frinal fix M&E installation 1 days Mon 15/10/12 Fri 26/10/13 Frinal fix M&E installation 1 days Mon 15/10/12 Fri 26/10/13 F	11KV HV Completed by WPD and available for connection O clays	11kV HV Completed by WPD and available for connection 0 days	11KV HV Completed by WPD and available for connection 0 digs	11KV I+N Completed by WPD and available for connection 0 days Fn 1994/41 761 1964/13 138 149FS 1 wk 141 147 147 147 147 148 148 149FS 1 wk 141 147 147 147 148	11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10 11/10/11/10/11/10 11/10/11/10/11/10 11/10/10	11/0 IV Campreed by WFD and available for connection 2 per Mont 599/87 Fr 1924/97 1/3 1/075-1 pt 1/17	1110/149 Completed by WPD and available for connection Outgot Feb 1980/15 Feb 1980/15 SS 14875-14 Max Sep Out 2 1/15	110/11/Completed by WTO and credeble for correction 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