

ID	Task Mode	Task Name	work package	Duration	Start	Finish	Predecessor	Hours	Labor Cost Per Hour (\$)	Total Labor cost(\$)	Equipment Cost (\$)	Material Cost (\$)	Other Cost (\$)	Total Cost (\$)		
1	●	Waste-to-Energy (WTE) Plant Development		176 days?	Mon 3/3/25	Mon 11/3/25									\$391,771	
2	■	Project Initiation & Planning	WP-PIP1	30 days	Mon 3/3/25	Fri 4/11/25									\$9,070	
3	■	Define Project Scope	WP-PIP2	1 day	Mon 3/3/25	Mon 3/3/25		40	\$48.00	\$1,920	\$100	\$200	\$50		\$2,270	
4	■	Conduct Feasibility Study	WP-PIP3	7 days	Thu 3/20/25	Fri 3/28/25	3	50	\$48.00	\$2,400	\$200	\$300	\$80		\$2,980	
5	■	Identify Stakeholders	WP-PIP4	7 days	Mon 3/31/25	Tue 4/8/25	4	30	\$50.00	\$1,500	\$50	\$100	\$40		\$1,690	
6	■	Risk assessment	WP-PIP5	5 days	Mon 3/31/25	Fri 4/4/25	4	20	\$48.00	\$960	\$50	\$150	\$60		\$1,220	
7	■	Budget and Funding Authorization	WP-PIP6	5 days	Mon 4/7/25	Fri 4/11/25	6	15	\$48.00	\$720	\$50	\$100	\$40		\$910	
8	●	Technology Choice & Design	WP-TCD1	26 days	Mon 4/14/25	Mon 5/19/25	2								\$13,590	
9	●	Literature Review of WTE Technologies	WP-TCD2	7 days	Mon 4/14/25		Tue 4/22/25	7	40	\$50.00	\$2,000	\$500	\$300	\$100		\$2,900
10	●	Optimum Technology Selection	WP-TCD3	5 days	Wed 4/23/25		Tue 4/29/25	9	30	\$50.00	\$1,500	\$300	\$200	\$80		\$2,080
11	●	Create Process Flow Charts	WP-TCD4	7 days	Wed 4/30/25		Thu 5/8/25	10	50	\$50.00	\$2,500	\$400	\$300	\$120		\$3,320
12	●	Plant Layout Design	WP-TCD5	7 days	Fri 5/9/25		Mon 5/19/25	11	50	\$50.00	\$2,500	\$600	\$400	\$150		\$3,650
13	●	Environmental Regulations Checking	WP-TCD6	5 days	Fri 5/9/25		Thu 5/15/25	11	20	\$50.00	\$1,000	\$300	\$250	\$90		\$1,640
14	●	Building & Infrastructure	WP-BI1	63 days	Tue 5/20/25	Thu 8/14/25	8								\$60,800	
15	●	Site Preparation & Land Acquisition	WP-BI2	14 days	Tue 5/20/25	Fri 6/6/25	12,13	100	\$50.00	\$5,000	\$2,000	\$1,500	\$500		\$9,000	
16	●	Civil Works	WP-BI3	14 days	Mon 6/9/25	Thu 6/26/25	15	120	\$50.00	\$6,000	\$4,000	\$3,500	\$800		\$14,300	
17	●	Installation Of Incinerators, Gasifiers or Digesters	WP-BI4	21 days	Fri 6/27/25	Fri 7/25/25	16	150	\$50.00	\$7,500	\$6,000	\$4,000	\$1,200		\$18,700	
18	●	Electrical & Mechanical System Setup	WP-BI5	14 days	Fri 6/27/25	Wed 7/16/25	16	80	\$50.00	\$4,000	\$3,500	\$2,500	\$900		\$10,900	
19	●	Safety and Emissions Control Systems Implementation	WP-BI2	14 days	Mon 7/28/25		Thu 8/14/25	17,18	70	\$50.00	\$3,500	\$2,000	\$1,800	\$600		\$7,900
20	★	Testing & Commissioning	WP-TC1	14 days	Fri 8/15/25	Wed 9/3/25	14								\$15,100	
21	●	System Integration and Testing	WP-TC2	7 days	Fri 8/15/25	Mon 8/25/25	19	60	\$50.00	\$3,000	\$1,500	\$1,200	\$400		\$6,100	
22	★	Emission and Environmental Compliance	WP-TC3	5 days	Tue 8/26/25	Mon 9/1/25	21	30	\$50.00	\$1,500	\$800	\$700	\$200		\$3,200	
23	●	Troubleshooting & Performance Testing	WP-TC4	5 days	Tue 9/2/25	Mon 9/8/25	22	40	\$50.00	\$2,000	\$900	\$600	\$250		\$3,750	

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24		Last-Minute Approval & Regulatory Certification	WP-TC5	5 days	Tue 9/9/25	Mon 9/15/25	23	20	\$50.00	\$1,000	\$500	\$400	\$150	\$2,050	
25		Operations & Maintenance	WP-OM1	29 days?	Tue 9/9/25	Fri 10/17/25	20								\$12,830
26		Onboarding and Training of Personnel	WP-OM2	14 days	Tue 9/9/25	Fri 9/26/25	23	50	\$50.00	\$2,500	\$500	\$300	\$200	\$3,500	
27		Setup for Collection & Processing of Waste	WP-OM3	14 days	Mon 9/29/25	Thu 10/16/25	26	60	\$50.00	\$3,000	\$700	\$400	\$250	\$4,350	
28		Regular Monitoring & Maintenance Schedule	WP-OM4	1 day?	Fri 10/17/25	Fri 10/17/25	27	30	\$50.00	\$1,500	\$300	\$200	\$150	\$2,150	
29		Continuous Improvement & Optimization	WP-OM5	1 day?	Fri 10/17/25	Fri 10/17/25	27	40	\$50.00	\$2,000	\$400	\$250	\$180	\$2,830	
30		Project Closure & Handover	WP-PCH1	11 days?	Mon 10/20/25	Mon 11/3/25	25								\$6,380
31		Final Project Evaluation	WP-PCH2	5 days	Mon 10/20/25	Fri 10/24/25	24,27	20	\$50.00	\$1,000	\$300	\$250	\$100	\$1,650	
32		Handover to Operating Team	WP-PCH3	5 days	Mon 10/27/25	Fri 10/31/25	31	20	\$50.00	\$1,000	\$200	\$150	\$80	\$1,430	
33		Documentation & Lessons Learned	WP-PCH4	1 day	Mon 10/27/25	Mon 10/27/25	31	30	\$50.00	\$1,500	\$100	\$100	\$50	\$1,750	
34		Final Financial Audit & Reporting	WP-PCH2	1 day?	Mon 11/3/25	Mon 11/3/25	32	25	\$50.00	\$1,250	\$150	\$100	\$50	\$1,550	
35															
36															