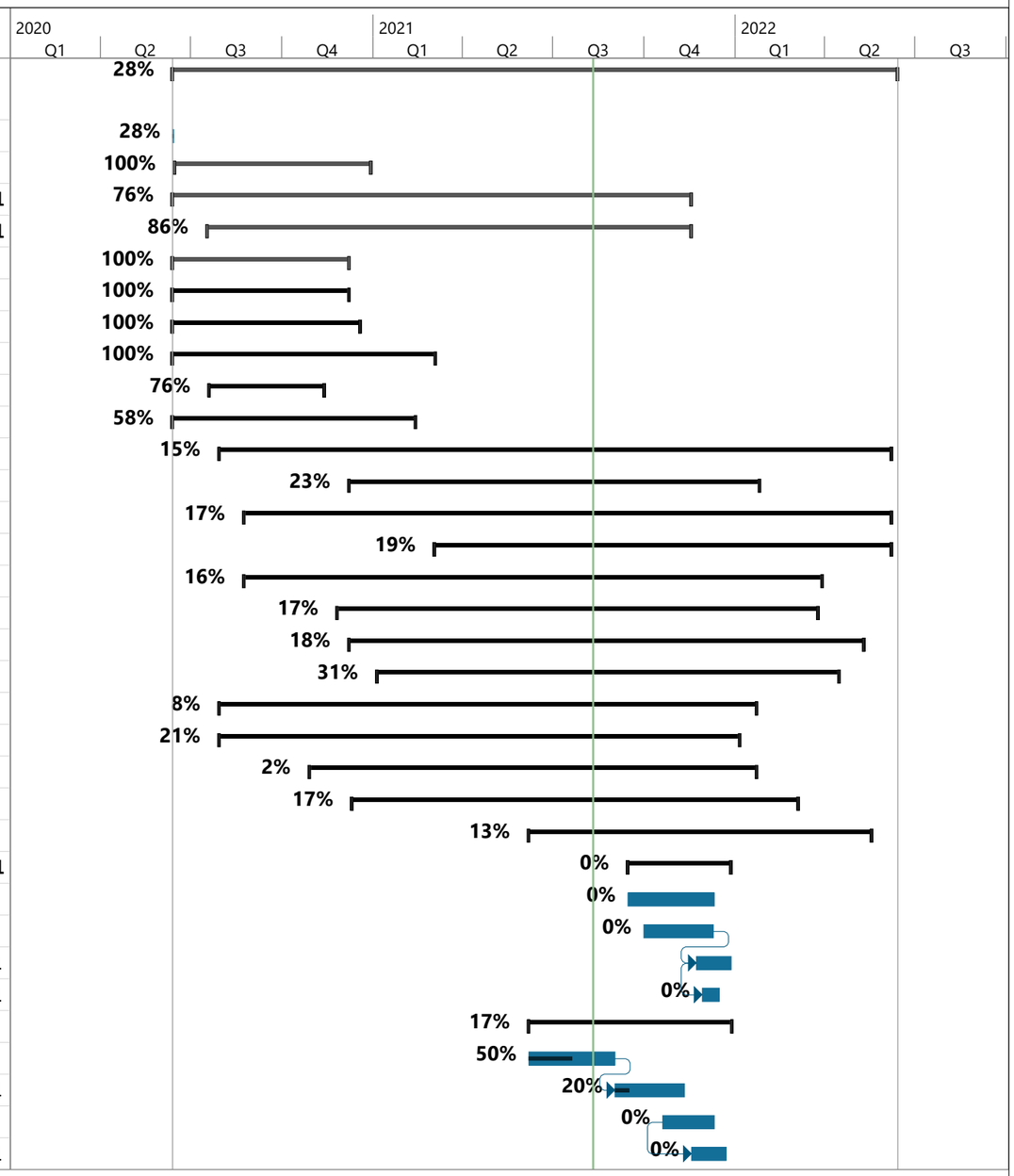
CLIENT : SWSM LALITPUR
PMC : M/S. THEMES
CONTRACTOR : M/S. JMC-JWIL JV

ZONE WISE CONSTRUCTION AND COMMISSIONING PLAN OF VILLAGES WATER SUPPLY SCHEME- LALITPUR

10.08.2021

PROJECT SCHEDULE (GANTT CHART)

ID	Task Mode	Task Name	Duration	Start	Finish
1		**Construction of Saidpur - Kumheri GOV Water Supply Scheme**	**626 days**	**Sat 6/13/20**	**Mon 6/13/22**
2		Project Start	1 day	Sat 6/13/20	Sat 6/13/20
3		**Preconstruction activities**	**170 days**	**Mon 6/15/20**	**Tue 12/29/20**
13		**Design & Drawing**	**448 days**	**Sat 6/13/20**	**Wed 11/17/21**
14		**Water Treatment Plant**	**418 days**	**Sat 7/18/20**	**Wed 11/17/21**
25		**Intake well**	**152 days**	**Sat 6/13/20**	**Mon 12/7/20**
30		**Clear Water Reservoir**	**152 days**	**Sat 6/13/20**	**Mon 12/7/20**
35		**Overhead Tank**	**162 days**	**Sat 6/13/20**	**Fri 12/18/20**
40		**Pipeline& Structures**	**227 days**	**Sat 6/13/20**	**Thu 3/4/21**
49		**Miscellaneous works**	**100 days**	**Mon 7/20/20**	**Thu 11/12/20**
54		**MEP**	**210 days**	**Sat 6/13/20**	**Fri 2/12/21**
63		**Supply & Execution**	**581 days**	**Thu 7/30/20**	**Tue 6/7/22**
64		**Intake Works**	**355 days**	**Tue 12/8/20**	**Tue 1/25/22**
67		**Water Treatment Plant**	**560 days**	**Mon 8/24/20**	**Tue 6/7/22**
68		**Civil works**	**395 days**	**Thu 3/4/21**	**Tue 6/7/22**
72		**MEP works**	**500 days**	**Mon 8/24/20**	**Tue 3/29/22**
81		**Clear Water Reservoir + Clear Water pump House**	**416 days**	**Thu 11/26/20**	**Fri 3/25/22**
86		**Overhead Service Reservoir**	**445 days**	**Tue 12/8/20**	**Tue 5/10/22**
91		**Staff Quarter**	**400 days**	**Tue 1/5/21**	**Fri 4/15/22**
95		**Pipeline works**	**465 days**	**Thu 7/30/20**	**Sat 1/22/22**
96		**Procurement**	**450 days**	**Thu 7/30/20**	**Wed 1/5/22**
104		**Laying works**	**387 days**	**Thu 10/29/20**	**Sat 1/22/22**
114		**Miscellaneous works**	**386 days**	**Fri 12/11/20**	**Sat 3/5/22**
118		**Completion and Pre-commissioning**	**297 days**	**Mon 6/7/21**	**Wed 5/18/22**
119		**Electrical Works**	**89 days**	**Wed 9/15/21**	**Mon 12/27/21**
120		Installation of 11KV Distribution line to Intake Pump House , WT	75 days	Wed 9/15/21	Fri 12/10/21
121		Supply of Transformers	60 days	Fri 10/1/21	Thu 12/9/21
122		Installation of Transformers	30 days	Tue 11/23/21	Mon 12/27/21
123		Installation of Panels and Cabling Works	15 days	Mon 11/29/21	Wed 12/15/21
124		**Intake Well**	**176 days**	**Mon 6/7/21**	**Tue 12/28/21**
125		RCC Works upto Pump Floor Slab	75 days	Mon 6/7/21	Wed 9/1/21
126		Intake well / PH / Approach Bridge	60 days	Thu 9/2/21	Wed 11/10/21
127		Supply of EOT , Gates , Screens , Header Pipes & Fittings	45 days	Wed 10/20/21	Fri 12/10/21
128		Erection of EOT , Gates , Screens , Header Pipes & Fittings	30 days	Thu 11/18/21	Wed 12/22/21



PERT CHART

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

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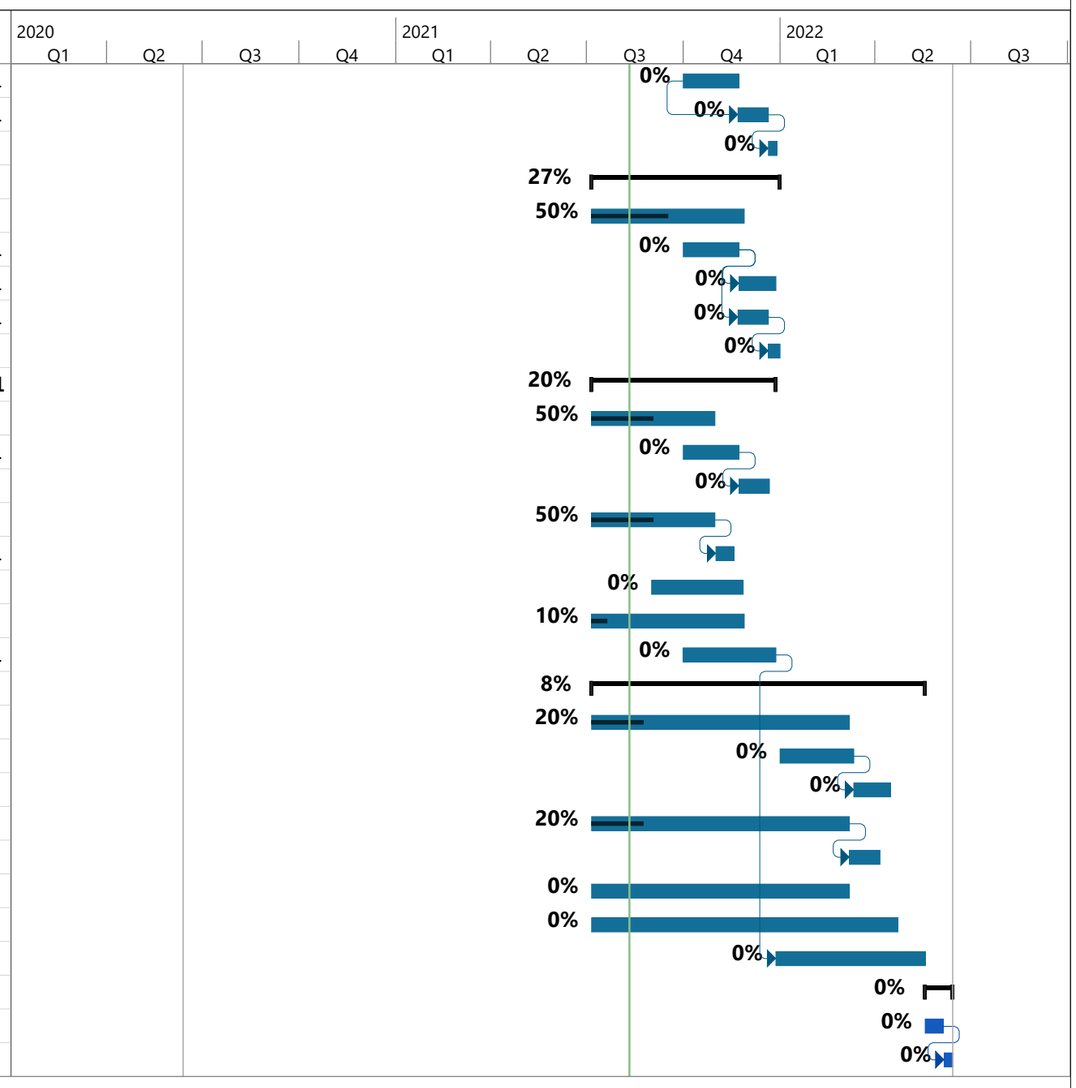
10.08.2021

PROJECT SCHEDULE (GANTT CHART)

ID	Task Mode	Task Name	Duration	Start	Finish
129		Supply of VT Pumps	45 days	Fri 10/1/21	Mon 11/22/21
130		Erection of VT Pumps	25 days	Mon 11/22/21	Mon 12/20/21
131		Trial Runn of VT Pumps	7 days	Tue 12/21/21	Tue 12/28/21
132		**Water Treatment Plant**	**154 days**	**Tue 7/6/21**	**Fri 12/31/21**
133		Completion of Civil Works	125 days	Tue 7/6/21	Sat 11/27/21
134		Procurement of WTP Equipments	45 days	Fri 10/1/21	Mon 11/22/21
135		Erection of WTP Equipments	30 days	Tue 11/23/21	Mon 12/27/21
136		Electrical Cabling Works	25 days	Mon 11/22/21	Mon 12/20/21
137		Trial Run of WTP	10 days	Tue 12/21/21	Fri 12/31/21
138		**Zone -1 (Bahadurpur), Zone-2 (Piprat)**	**150 days**	**Tue 7/6/21**	**Mon 12/27/21**
139		CWR Completion	101 days	Tue 7/6/21	Sat 10/30/21
140		Supply of VT Pumps , EOT , Header Pipes and Fittings	45 days	Fri 10/1/21	Mon 11/22/21
141		Erection of VT Pumps , EOT , Header Pipes and Fittings	25 days	Tue 11/23/21	Tue 12/21/21
142		OHT Completion	101 days	Tue 7/6/21	Sat 10/30/21
143		Installation of inlate/ Outlate (DI/DF) Pipes and valves	15 days	Mon 11/1/21	Wed 11/17/21
144		Rising Main Works	75 days	Wed 9/1/21	Fri 11/26/21
145		Distribution Main Works	125 days	Tue 7/6/21	Sat 11/27/21
146		House Service Connections	75 days	Fri 10/1/21	Mon 12/27/21
147		**Other Zone**	**272 days**	**Tue 7/6/21**	**Wed 5/18/22**
148		CWR Completion	210 days	Tue 7/6/21	Mon 3/7/22
149		Supply of VT Pumps , EOT , Header Pipes and Fittings	60 days	Sat 1/1/22	Fri 3/11/22
150		Erection of VT Pumps , EOT , Header Pipes and Fittings	30 days	Sat 3/12/22	Fri 4/15/22
151		OHT Completion	210 days	Tue 7/6/21	Mon 3/7/22
152		Installation of inlate/ Outlate (DI/DF) Pipes and valves	25 days	Tue 3/8/22	Tue 4/5/22
153		Rising Main Works	210 days	Tue 7/6/21	Mon 3/7/22
154		Distribution Main Works	250 days	Tue 7/6/21	Fri 4/22/22
155		House Service Connections	122 days	Tue 12/28/21	Wed 5/18/22
156		**Trial Run and Commissioning**	**22 days**	**Thu 5/19/22**	**Mon 6/13/22**
157		Trial run of system	15 days	Thu 5/19/22	Sat 6/4/22
158		**Final Commissioning of system**	7 days	Mon 6/6/22	Mon 6/13/22



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