

1. MASTER DRAWING/DOCUMENTS LIST – SEWAGE TREATMENT PLANT - MARIB

After award of LOI/PO, following drawing/documents shall be submitted by the bidder for BHEL/Customer approval.

SL. NO.	BHEL DRG NO	DRG TITLE	No. of weeks/days for document submission from date of LOI / PO	DOCUMENT SIZE
1	PE-V10-372-673-A001	P&I Diagram for Sewage Treatment Plant	4 weeks	A1
2	PE-V10-372-673-A002	layout of Sewage Treatment Plant	4 weeks	A1
3	PE-V10-372-673-A003	Process Design and sizing calculations including pressure drop calculations (STP).	4 weeks	A3
4	PE-V10-372-673-A004	Sub vendor list	5 weeks	A4
5	PE-V10-372-673-A005	Operation & Control Philosophy	4 weeks	A4
6	PE-V10-372-673-A006	Electrical load data	6 weeks	A4
7	PE-V10-372-673-A007	Piping Layout of STP (inside STP area)	6 weeks	A1
8	PE-V10-372-673-A008	Mech. GA drawings of All Sewage Sumps And Tanks	8 weeks	A1
9	PE-V10-372-673-A009	Data sheet of all valves, instruments, pumps, motor and blowers	8 weeks	A4
10	PE-V10-372-673-A010	QAP for all valves, instruments, pumps, motor and blowers.	8 weeks	A3
11	PE-V10-372-673-A011	Instrument schedule	10 weeks	A3
12	PE-V10-372-673-A012	Valve schedule	10 weeks	A4
13	PE-V10-372-673-A013	Cable tray/trench & conduit routing diagram of STP	10 weeks	A3
14	PE-V10-372-673-A014	PLC details for STP (complete documentation as described in C&I deliverables)	10 weeks	A4
15	PE-V10-372-673-A015	QAP for PLC	12 weeks	A3
16	PE-V10-372-673-A016	Detailed Erection procedure.	12 weeks	A4
17	PE-V10-372-673-A017	Yard Piping Layout of STP	10 weeks	A3
18	PE-V10-372-673-A018	Cable Schedule	12 weeks	A4
19	PE-V10-372-673-A019	Performance demonstration procedure for Sewage Treatment Plant	14 weeks	A4
20	PE-V10-372-673-A020	Engineering BOQ	14 weeks	A4
21	PE-V10-372-673-A021	O&M manual for Sewage Treatment Plant covering catalogue of all the items.	16 weeks	As applicable
22	PE-V10-372-673-A022	Sea worthy packing drawing and details.	16 weeks	A4
23	PE-V10-372-673-A023	Storage instruction	14 weeks	A4
24	PE-V10-372-673-A024	List of Erection & Commissioning spares.	14 weeks	A4

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10/10/14