



For information

The plant layout provides minimum footprint (specific area is 4.8 m³/h/m²) and the length of interconnecting piping, clearly defines the project areas, and meets work safety and O&M requirements. All chemical storage tanks have direct access for trucks. Importantly, the SWRO membrane vessel ends do not overlook the maintenance areas, which are mostly frequently visited.

General Data	
Client	2
Customer	2
Country	India
Commencement	15/12/2016
Commissioning	23/01/2020
Contract type	turn-key
Cost, US\$	143060000

Production	
Feed source	seawater
Process	DAF + LML + UF
Recovery rate	0.46
Production capacity, kg/sec	300
Product quality (TDS)	<500
Product grade	potable

Technical Specification	
Lamella clarifier	8
Uf membrane	24
SWRO trains No/Power,kW	6/2801
High pressure pump No/Power,kW	6/1800
Energy recovery device	ERI pressure exchanger/24
Membranes type	spiral wound
SWRO racks	6
SWRO membranes	2304
Brine discharge	sea, diffusers
Posttreatment	lime milk dosing
Product pumping No/Power,kW	3/560
Permeate tank, cu.m.	1/3150