Volume 3 Employer's Requirements

Section 1 : Introduction and Existing Condition

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ORP Oxygen Reduction Potential

OS **Operating Structure**

PDD Preliminary Design Deliverables

PDR Preliminary Design Report

PE Polyelectrolyte

Population Equivalent p.e.

PID Piping and Instrumentation Diagram

PIU **Project Implementation Unit**

PLC Programmable Logic Controller

PP Polypropylene

PPRC Polypropylene Random Copolymer

PSC Project Steering Committee

PVC Polyvinyl Chloride

QA Quality Assurance

Maximum Flow $Q_{ww,h}$

 $Q_{DW,h}$ Design Flow

RAS Return Activated Sludge

SCADA Supervisory Control and Data Acquisition

SOR Standard Oxygen Requirements

SOTE Standard Oxygen Transfer Efficiency

SS Suspended Solids

SSOTE Standard Specific Oxygen Transfer Efficiency

T.R. Republic of Turkey

TEDAS Turkish Electricity Distribution Corporation

TNTotal Nitrogen

TP **Total Phosphorus**

TSS **Total Suspended Solids**

UPS Uninterruptible Power Source

UV Ultraviolet

VFD Variable Frequency Drive

WAS Waste Activated Sludge

WWTP Wastewater Treatment Plant