

PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

Consortium Partners

SMEC International Pty. Ltd. (ACN-065440619/FCRN-F01483)

NJS Engineers India Pvt Ltd, India (CIN - U74210PN2007PTC129798)

Tata Consulting Engineers Limited, India (CIN- U74210MH1999PLC123010)

SMEC (India) Pvt. Ltd. (CIN: U93000DL1997PTC088574)



Ref: SSNT PMC 400 MLD /CMWSSB / 5061185/484

Date: 02 February 2022

To,

**The Superintending Engineer (Desalination)**

Chennai Metropolitan Water Supply and Sewerage Board,  
Urban Administrative Building,  
2<sup>nd</sup> Floor, No.75, Santhome High Road,  
MRC Nagar, Raja Annamalaipuram,  
Chennai 600 028  
Tamil Nadu, India

**Sub:** JICA Assisted "Project for Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur and allied works (JICA Loan ID-P267)"  
**Request for Confirmation of Vacant Land Availability Details in Ward 177,178- Reg.**

**Ref:** 1. Our Letter no. Ref: SMEC/ CMWSSB / 7061563/005, dated 20.01.2020  
2. Your Letter no. Lr.no.CMWSSB/SE(Desal)/400 MLD Plant / PMC/2020, dated 13.01.2020  
3. Our Contract Agreement with CMWSSB, dated 09.01.2020

Dear Sir,

This is reference to the MoM held during the Area XIII Water Supply Improvement presentation with MD on 27.01.2022 and further information received from the respective Depot engineers, two locations are identified with in the ward no 177 and 178 for the construction of OHTs. As per demand projections, minimum 6 ML capacity OHT is required to serve the both wards by gravity supply. Details of possible OHTs with layout drawings and their capacities in each location are enclosed. We request to kindly confirm locations based on the various options shared to enable us to reorganize the hydraulic zones in area XIII and finalize the draft design report.

Thanking you assuring our services at all times.

Yours truly,

For **Consortium of SMEC International Pty Ltd-TCE Ltd.- NJS Engineers India Pvt. Ltd.-SMEC (India) Pvt. Ltd.**

**S.Srinivasarao**

Project Coordinator

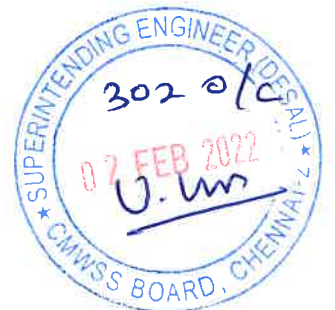
Encl: Vacant Land maps with OHT layout drawings with minimum water requirements at WDS location



**PMC Chennai Office Address:**

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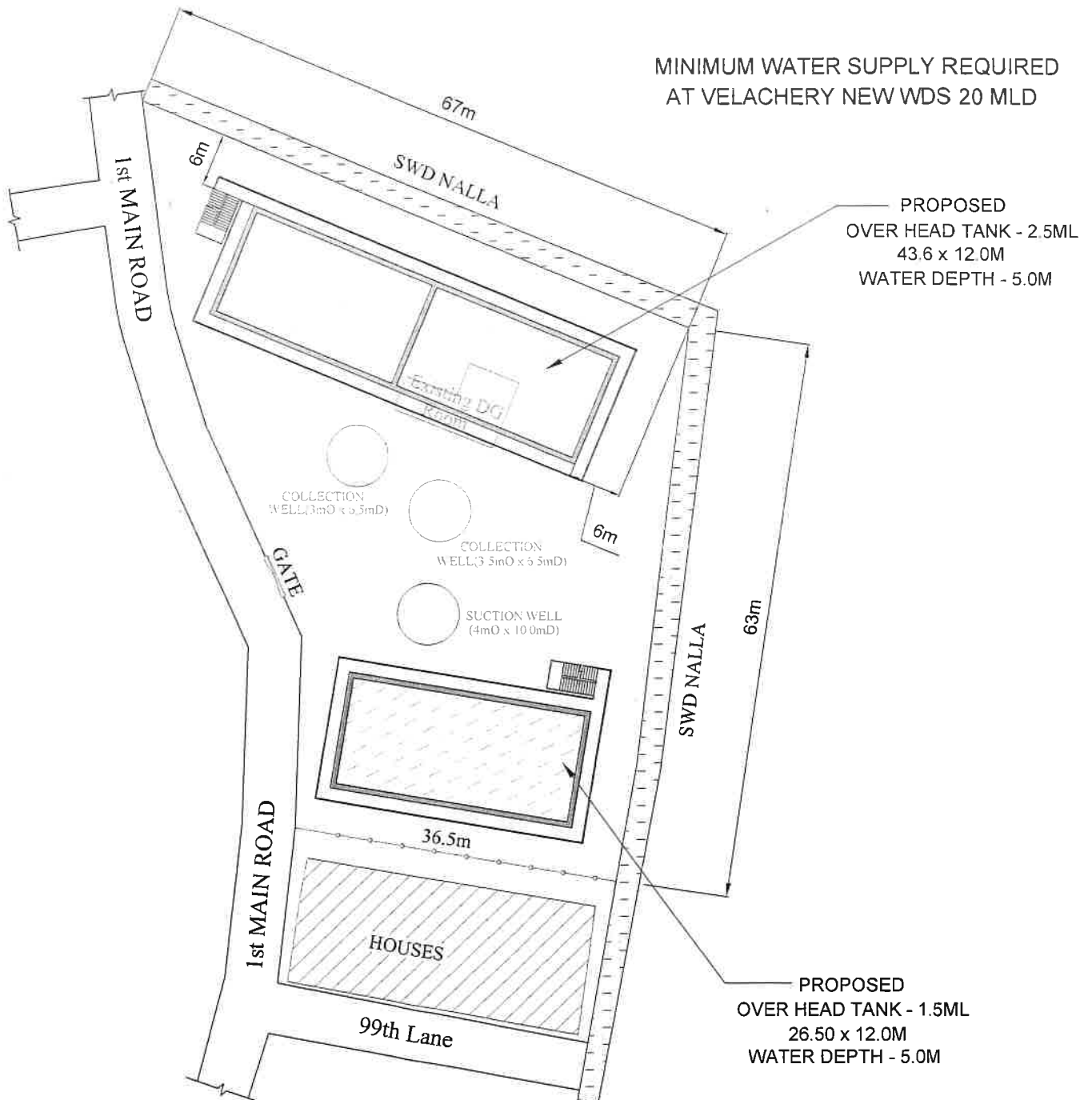
PROPOSED OHT AT VELACHERY NEW PUMPING STATION

OHT - 2.5 & 1.5 ML CAPACITY

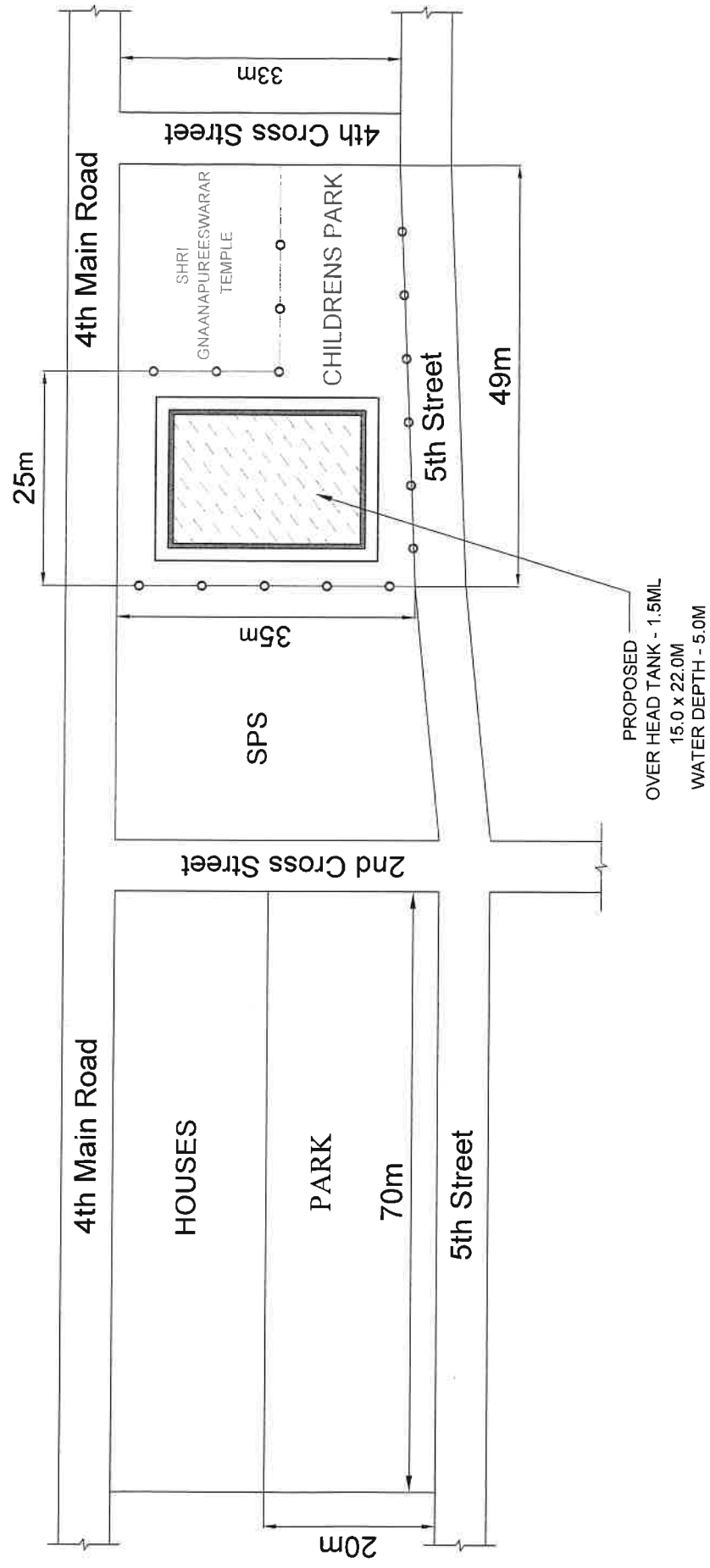
STAGING HEIGHT - 20.00m

OPTION 1 - COLLECTION AND SUCTION WELL

RETAINED AT SAME LOCATION



**OPTION - 1**



PROPOSED OHT AT VELACHERY NEW PUMPING STATION

OHT - 6.0 ML CAPACITY

STAGING HEIGHT - 20.00m

OPTION 2 - COLLECTION AND SUCTION WELL SHIFTED  
TO NEW LOCATION

