



| EQUIPMENT SCHEDULE                |                              |                      |  |          |         |           |            |       |
|-----------------------------------|------------------------------|----------------------|--|----------|---------|-----------|------------|-------|
| DOMESTIC WATER SUPPLY             |                              |                      |  |          |         |           |            |       |
| NAME                              | TYPE                         | STATUS               | FLOW RATE (m <sup>3</sup> / hour) EACH | HEAD (M) | VOLTAGE | FREQUENCY | POWER (KW) | NOTES |
| BOOSTER PUMP SET -1 (BP-01)       | IN LINE VERTICAL MULTI STAGE | 1 DUTY AND 1 STANDBY | 26.2                                   | 57       | 415     | 50        | 7.5        |       |
| WATER SUPPLY TRANSFER PUMP        |                              |                      |  |          |         |           |            |       |
| TRANSFER PUMP SET -1 (TP-01)      | END SUCTION                  | 1 DUTY AND 1 STANDBY | 19.63                                  | 10       | 415     | 50        | 1.5        |       |
| TRANSFER PUMP SET -2 (TP-02)      |                              | 1 DUTY AND 1 STANDBY | 6.60                                   | 10       | 415     | 50        | 1.5        |       |
| TRANSFER PUMP SET -3 (TP-03)      |                              | 1 DUTY AND 1 STANDBY | 26.2                                   | 10       | 415     | 50        | 1.5        |       |
| BRINE OUTFALL PUMP                |                              |                      |  |          |         |           |            |       |
| BRINE OUTFALL-PUMP SET-1 (BOP-01) | END SUCTION                  | 2 DUTY               | 14.80                                  | 08       | 415     | 50        | 2.5        |       |
| TUBE WELL PUMP                    |                              |                      |  |          |         |           |            |       |
| TUBE WELL PUMP -1 (TWP-01)        | IN LINE VERTICAL MULTI STAGE | 1 DUTY               | 19.30                                  | 61       | 415     | 50        | 5.5        |       |
| TUBE WELL PUMP -2 (TWP-02)        |                              | 1 DUTY               | 19.30                                  | 61       | 415     | 50        | 5.5        |       |

- NOTES:-**
1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS (MM), UNLESS OTHERWISE SHOWN
  2. ALL LEVELS SHOWN ARE IN METERS. ALL LEVELS SHOWN ARE FROM MEAN SEA LEVEL
  3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, GENERAL NOTES AND SPECIFICATIONS.

| REFERENCE DRAWINGS |             |             |  |  |
|--------------------|-------------|-------------|--|--|
| SL.No.             | DRAWING No. | DESCRIPTION |  |  |
|                    |             |             |  |  |
|                    |             |             |  |  |
|                    |             |             |  |  |
|                    |             |             |  |  |

  

| REV. | DATE     | DESCRIPTION                | DRAWN | CHKD. | APPRD. |
|------|----------|----------------------------|-------|-------|--------|
| ..   | ..       | ..                         | ..    | ..    | ..     |
| ..   | ..       | ..                         | ..    | ..    | ..     |
| ..   | ..       | ..                         | ..    | ..    | ..     |
| 0    | 25.10.16 | DETAILED DESIGN SUBMISSION | SR    | MP    | MA     |
| 0    | 22.10.15 | CONCEPT DESIGN SUBMISSION  | SR    | MP    | MA     |

**CLIENT**  
**MINISTRY OF ENVIRONMENT & ENERGY**  
 REPUBLIC OF MALDIVES

**CONSULTANT:**  
**Al Habshi Consultants Office**  
 Dar al-Habshi للاستشارات الهندسية  
 +960 2240 8008 | +960 2240 8118 | +960 2243 1136  
 admin@alhabshi.com | P.O. Box 27154, Salim 13102, Maldives

**PROJECT:**  
 Consultancy Services for Survey, Design of Water supply Facilities in Tha. Vilifushi, F.Nilandhoo, B.Eydhafushi and Adh. Hanyaameedhoo, Maldives

**DRAWING TITLE:**  
 RO PLANT LAYOUT  
 Tha. VILIFUSHI ISLAND

| DESIGNED | DRAWN | CHECKED | APPROVED | SCALE | DATE     |
|----------|-------|---------|----------|-------|----------|
| SK       | SR    | MP      | MA       | 1:150 | 25.10.16 |

PROJECT No. SHEET No. DRAWING No.  
 K-627 1 OF 1  
 REV. No. 0

**TV-WS-105**