



## RFP24-6993 – Construction of Gallery System in Wotje, Marshall Islands

### Response to clarifications

1. In Drawing Sheet A-100, there are the Pipeline designation 1&2 but not reflected on the General Layout. (Can we have the furnished layout with Pipeline designation)? **There is no further pipeline designation, other than that given on the locality plan.**
2. Referring to the tabulated data, we see the route heading South is labeled LENGTH (m) of various dimensions. same Through with Pipeline in North. While we can see the Column labeled as DISTANCE. Can you please clarify these as we believe this is the Distance that the Pipeline will have to traverse. **Disregard the Length column in this table. The distance (in units of meters) column is the relevant column to use as this indicates the distance the pipeline will traverse from the Gallery wet well.**
3. Can you Furnish us please of the Laid Pipeline CROSS SECTION detail? For both North and South route? Other than the slotted pipe with a known Depth as already detailed in your drawings. **Example detail of pipeline trenches is given in A-105. Since there is no survey data available at this time the cross-section detail along the full length of the pipeline cannot be provided. As highlighted in the pre-bid meeting, this survey information will become available to the successful tenderer at the time of construction. The land can be assumed to be uniformly flat along the length of the pipeline with no major undulations in the topography. Therefore, absence of this cross-section detail should not affect the ability to tender for construction given materials are already provided by the client.**



TOLL

PIPELINE CO-ORDINATES

| PIPELINE NUMBER | PIPE DETAIL                       | LENGTH (m) | DIRECTION | DISTANCE  | ANGLE       | LATITUDE | LONGITUDE |
|-----------------|-----------------------------------|------------|-----------|-----------|-------------|----------|-----------|
| 2               | GALLERY TO WOTJE POLICE STATION   | 595        | SOUTH     | 0         | 183.14459   | 9.45354  | 170.23956 |
| 2               | GALLERY TO WOTJE POLICE STATION   | 596        | SOUTH     | 140.83    | 220.0074807 | 9.45327  | 170.23949 |
| 2               | GALLERY TO WOTJE POLICE STATION   | 597        | SOUTH     | 420.50    | 257.00585   | 9.45469  | 170.23701 |
| 2               | GALLERY TO WOTJE POLICE STATION   | 598        | SOUTH     | 499.05    | 210.54355   | 9.45453  | 170.23631 |
| 2               | GALLERY TO WOTJE POLICE STATION   | 599        | SOUTH     | 571.94    | 145.55342   | 9.45390  | 170.23649 |
| 2               | GALLERY TO WOTJE POLICE STATION   | 600        | SOUTH     | 595.89    | 127.16106   | 9.45377  | 170.23667 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 460        | NORTH     | 0         | 322.2479897 | 9.45354  | 170.23956 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 461        | NORTH     | 75.54     | 4.13919     | 9.45709  | 170.23914 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 462        | NORTH     | 101.83500 | 1,22066155  | 9.45725  | 170.23931 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 463        | NORTH     | 262.03500 | 316.63212   | 9.45830  | 170.23831 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 464        | NORTH     | 448.32900 | 283.01022   | 9.45354  | 170.23715 |
| 1               | GALLERY TO WOTJE AIRPORT TERMINAL | 465        | NORTH     | 459.91400 | 283.90858   | 9.45049  | 170.23715 |

*1:km*  
*SOUTH DISTANCE?*  
*NORTH = 0 + 595.89*  
*NORTH = 0 + 459.9*

DO NOT SCALE  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0  
ORIGINAL SIZE A1  
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Drafter: HT    Designed: SPC TEAM    PROJECT: MANAGING COASTAL AQUIFERS (MCAP), WOTJE, MARSHALL ISLAND    JOB NO:



4. On the Tabulated chart for information, regarding the query on the Cross section, please be advised that in A-105, there is no depth indicated, and just shows typical pipe laying for Trenches. Since the scope of works majority involves earthworks of more than a Kilometer (North and South) basing from the distance reflected on the table above therefore it is very significant of having a vital data on this Gallery Project. The premise is, have not taken this into account due to no Survey data yet effected, you stated that all are assumed to be flat in topography and therefore you should have the approximated depth of the Trench. Why this is a significant data, (Though you have given majority of Materials supplied / and for bidder's inclusion)?
1. Volume of excavation and back filling needs quantity to commensurate labor payment component.
  2. Equipment efficiency for expected volume of earthworks Needed to be taken into account by the bidder even no data is available on strata of the soil layers underneath. The only completed section is the slotted pvc pipe of 120 meters each in opposing directions.

Gallery excavation depth: estimate 1.5m (5ft) to the water table with additional 0.3m (1ft) for the gallery pipe below the water table = Total 1.8m (6ft)

Pipe distribution depth: require excavation to 3ft (0.9m) to ensure pipe avoids damage from fire

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