Appendix27 : FIRR of the Project

| 7.076 | 6.249 | 6'C#6 | 6.819 | 6'S t 6 | 6'576 | 6.246 | l6'5 1 6 | 6.249 | 6.246 | £.407,2 | 6.506,9 | 2,510.5 | 9.614.2 | 0.455,2 | 1.522,1 | 6'9/1'7 | 2,105.0 | 2,037.5 | 8 EL6 I | 1,913.5 | 1,856. | £.E08,£ | 1 753 O | Z.ZOT, I | 1,208.4 | 4.782 | 2.928- | L'#66'I- | 4.225.c- | ₱.287,1. | 6,288,1- | p.23p. | TOS lim | 1.572 | Balance (Case 3) |
|----------|--|---------|---|--|---------|--|--|--|--|--|-----------|--|---------------------------------------|----------|----------|----------|---------|---------|--|---------|------------------|---------|---------|----------|----------|----------------------|------------|----------|----------|--------------------|----------|----------|---------|-------------------------|-----------------------|
| | £.126 | £.126 | 2.926 | | | | | £,129 | € 156 | | | | | | | | | | \$ 066 I | | | 1,028,1 | | | 1,062,1 | 1,204 | 8.999- | 2.857,1- | 2.790.2- | 2.009,I- | 0.707,1- | 1.524- | TOH Im | 9'011'1 | Balance (Case 2) |
| | | | | 9.720,1 | | | | 9.720, I | | 8.0E0,E | 0.716,5 | 8.608,2 | 6.80 <i>t</i> ,2 | 8.513,5 | 6.522,5 | 2.6£4,5 | | | \$.EIZ.Z | 2,146.6 | 7,E80,Z | 2,024.2 | Z'896 L | 1,912,2 | 6.204, I | 9.624 | 8.617- | ₽.000,I. | 2.105.5- | 8.727,1- | 1.778.1- | ₽,29₽- | TOH Im | 0.72E,I | Balance (Case 1) |
| 0 130 1 | J 230 L | 7 230 1 | 10 000 1 | 7 230 7 | 1 | | | - | 1 | | | 1 | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | i | | | | | | | | | · · | | | 1 | l . | | ļ | | | |
| 1,004.9 | 1,004.9 | 6'700'I | 6.400, I | 6'400'I | 6700°I | 1,004.9 | 6.400,1 | 6 100°I | 6'+00'I | 2,893,2 | 8.067,2 | p.469,4 | 9.E09,Z | 6.712,2 | 0.754,2 | 8.035,2 | 0.682,2 | P.122,2 | L.T21,2 | 2,097.4 | 2.040.C | £.786,1 | 6 986 1 | 9'688'I | S'LLL'I | 9.6 1 2,1 | 1,055,1 | 8.848.8 | 0.284 | 9.8 1 2 | I.94 | 0,0 | TOH Lin | 0.284,6 | Beonomic Benefit -10% |
| 1 | | 0.62- | 0.08- | 0.68- | 0.66- | 0.62- | 0.65- | 0.66- | 0.62- | | | | | 6.£81- | 6.581- | 6.E8I- | 6.681- | 6.E81- | 6.681- | 6.581- | 5 E81 - | 6.E8I- | 6.581- | £.781- | I 695- | 1,262.3 | 3.380,2- | 2.843.5 | p 048 g- | 0,450,5- | T.159,1- | b'59b− | TOH Lim | 8.112,6- | Economic Cost +10% |
| | 0 02 | 0 02 | 1,70 | 10.0 | 1 | | | | 1 | 1 | - | | | 1 | | ļ | | | | | | | | | | | - | | | 1 | l | | | | |
| 0.280,1 | 6'790'T | 6'790'T | 8.7.EU, I | 6'Z90'I | 1,062.9 | 6.290,I | 6'790'1 | 6'790'1 | 6.290,I | 3,740,E | 7.556,2 | 9.928,5 | 7,725,7 | S'0E9'Z | 9'045'7 | 6'996'7 | 1'916,5 | 0.10E,S | 2,055,5 | £,E91,2 | 2 001,2 | 2,040.9 | 6 486 I | 2,626, I | 9'LS+'I | £ 715 | I.0EE- | 6.146,1- | 5.540,2- | 6.272,1- | S 104 1- | 1,524- | TON lim | 2,164.5 | Balance (Base Case) |
| | | 5.311,1 | | | | | | | 5.911/1 | 7,14.7 | 6.001,E | 8.599,2 | 5,892,9 | 7.797.7 | 8.707,2 | 1,623,1 | 2,543,3 | 2,894,2 | 2,397.4 | 2,330,5 | 2,767.4 | 2,208,1 | 1,521,5 | 2,099.5 | 0.276,1 | 8 [27,1 | 8,366,1 | I.£49 | 6.8££ | Z:9LZ | 2.42 | 0.0 | TOH Jim | 6.8£2,01 | Economic Benefit |
| | | 9.£2- | 1.8/- | 9.53- | 9.££- | | | 9.52- | 9.52- | | 1 | | | | | Z.791- | 7.761- | | 7.791- | | | 2,781- | | | | | 6'968'!- | 0.282,5- | 2,582,2- | 1.648,1- | 1.957,1- | 1,524- | TON Jun | <i>ት'ትL</i> £'8- | Feonomic Cost |
| 310 | , 23 | 2.02 | 100 | | + | | 1 | + | | | | | - | | | | | | 1 | | | | i | | | ì | T | 1 | Ţ | | _ | | (%71=" | NPV (D.F | Валапсе |
| | | + | | | + | | | | _ | | | | 1 | 1 | ļ | - | | 1 | <u> </u> | • | | | t T | | | 1 | | | 1 | T . | , | | | 1 | |
| C'OTT'T | C'OTT'T | C.OII,1 | C.OII,I | 2.011,1 | 2,011,1 | S'911'I | 5'911'1 | 5'911'1 | S'911'T | 7.412,5 | 6'001'E | 8.566,2 | 6,268,5 | L'L6L'T | 8.707,2 | 1,623,1 | £,543,5 | 2,884,2 | 1.79E,Z | 2,330.5 | 2,267,4 | 1,802,2 | 1,221,2 | \$'660'7 | 0'946'1 | 8.127,1 | 8.39£,1 | 1,549 | 6.8€€ | Z*9LZ | 5.45 | 0.0 | TOH Lim | 6.862,01 | Total Benefit |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | 7.778,I | E'9LL'I | Z 189'I | £.162,1 | 9'905'T | 1,426.8 | 1,351.7 | 6.085,1 | 1,214.0 | 8'051 ' T | 5 160'T | 9.250,1 | 0.£86 | 925.9 | 8.758 | 4.817 | 9'915 | 5.252 | 169.2 | 34.2 | 0.0 | TOS lim | L.18£,2 | rced Part |
| \$.011,1 | 5'911'1 | 5.011,1 | 1,116.5 | 5.911,1 | 5.311,1 | 1,116,5 | 5'911'1 | 59111 | 5.611,1 | 2,311,1 | 2,116.5 | 5.911,1 | 2.311,1 | 1,116.5 | 1,116.5 | 5'911'1 | 1,116.5 | 5'911'1 | 1,116.5 | 5'911'1 | 1,116,5 | 2,611,1 | 5.311,1 | 2,811,1 | I.940,I | 1.488 | 4.683 | 5.32f | 7.902 | 0.701 | £.02 | 0.0 | TOH Jun | Z.721,2 | BWDB Part |
| 25 | | 1 | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 1 | 1 | | 1 | | | | | | 1 | | <u> </u> | Ì | | | 1 | | | | | <u> </u> | T | 1 | 1 | T | | | | | (%71= | NPV (D.R | Economic Benefit |
| | | + | + | | 1 | 1 | | | T | | | | | | | | | , | | | | | | 1 | 1 | 1. | T - | T | | | | | | | |
| S.15- | 9.52- | 9.58- | L'8L- | 9°ES- | 9.EE- | 9.£č- | 9.58- | 9.ES- | 9.58- | 2.731- | 2.781- | Z-78 I- | Z.731- | 2,781- | 2.781- | Z.731- | 2.731- | 2.731- | 2.791- | 7.731- | 2.731- | 2.781- | 2.791- | £.071- | P'LIS- | S'LDI'I | - 6.968,1- | 0'989'7- | 2,582,2- | 1,849.1 | 1,387,1 | 1.524- | TOH EUT | ኯ ኯ፞፞፞፞ዸዸ፟፞፞፞፞፞፞ | Total Cost |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.511- | 9.EII- | 9.E11- | 9.£{I- | .9'EL1- | 9'EII- | 9.£[]- | 9.511- | 9.511- | 9.811- | 9.511- | 9.511- | 9.EII- | 9,811- | 9.EII- | 7,161- | 8.412- | 6'155- | 1.742,1- | £.252,1- | 1,235,1 | 6'917'1 | - 6'767- | TOS Lor | 7.07£.p- | LCED Part |
| 5.16- | 9.55- | 9,53- | T.87- | 9.55- | 9.52- | 9.52- | 9.53 | 9.52- | 9.52- | 9.52- | 9.52- | 9.52- | 9.53- | 9.52- | 9.£č- | 9.52- | 3.52- | 9.55- | 9.£2- | 9.55- | 9.52- | ð.£2 | 9.52- | 4.95- | 7.225- | 7.259- | 6.448,1- | 6.7££,I- | 6'97£'I- | 0.410- | 2,955- | 7.051- | TQI lim | L'ε00° ν. | BWDB Part |
| 1 10 | 1-5-5- | 1.02 | | + | | T | | | 7 | <u> </u> | 1 | | | <u> </u> | 1 | <u> </u> | | | _ | 1 | | 1 | 1 | | 1 | 1 | 1 | T | | | | 1 | (%71= | NPV (D.R | Economic Cost |
| 33 | 78 | ΙĒ | 30 | 67 | 82 | LZ | 97 | SZ | 74 | 73 | 7.7 | 17 | 0Z | 61 | 81 | LT | 91 | SI | ÞΪ | 13 | 113 | II | 01 | 6 | 8 | L | 9 | . 5 | Þ | ε | 7 | 1 | nun | шээт | Year |
| L+07 | 9707 | \$602 | 5044 | 2043 | 707 | 1007 | 0707 | 6£0Z | 8502 | LEOZ | 9602 | SEOZ | 2034 | £50Z | 7607 | 1602 | 0502 | 6707 | 8707 | LZ0Z | 9707 | 5707 | \$70Z | £202 | 7707 | 1202 | 0707 | 6107 | 8107 | 7102 | 9107 | 2015 | 25,010 | -2441 | |

| I (Cost+10%) 14.0% 1.14 1.327 | 996 |
|------------------------------------|-----|
| III,I EI.I %2.EI (%01-1flans 28) 2 | |