## ABC Company

## (your logo here)

## A Combination Cash Balance Proposal For

## Sample Corporation

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## Understanding Cash Balance Plans

## What is a Cash Balance Plan?

A Cash Balance Plan is a Defined Benefit Plan that looks like a M oney Purchase Plan.

Like a M oney Purchase Plan, fixed contributions are credited to each participant at the end of each year.

In addition, participants receive interest credits based on the interest rate defined in the plan. The credit is a fixed rate specified in the plan. Increases or decreases in the value of the plan's investments do not directly affect the benefits promised to the participants. The investment risks and rewards are borne solely by the employer.

The plan maintains a hypothetical account balance for each participant. When the participant retires, his benefit is the value of the hypothetical account. This lump sum value can be converted to a monthly pension at retirement.

A Cash Balance plan is a Hybrid Plan. It appears to participants as a Defined Contribution Plan but is treated under the Internal Revenue Code as a Defined Benefit Plan. Participant statements look like a Defined Contribution Statement. It includes:

Beginning Balance
Contribution Credits
Interest Credits
Ending Balance

## Can a Cash Balance Plan be combined with a 401(k) Profit Sharing Plan?

To produce larger contributions, especially for Principals and Owners, Cash Balance Plans are usually combined with $401(\mathrm{k}) /$ Profit Sharing Plans. The 401 (k) and Profit Sharing component can also provide flexibility in the combined plan.

## How are investments in a Cash Balance plan managed?

Assets in the plan are not allocated to participants. Participants cannot direct the investments. The pooled fund is invested by the Trustees and Investment Advisers.

Gains (losses) from investments reduce (Increase) the Plan Sponsor's contribution.

Since interest credit guarantees cannot exceed market rate of return, assets may be invested conservatively.

## What are the other features of the Cash Balance Plan?

When a participant becomes entitled to receive benefits under a cash balance plan, the benefits are defined in terms of an account balance. For example, assume that a participant has an account balance of $\$ 100,000$ when he reaches age 62. If the participant decides to retire at that time, he would have the right to an annuity based on his account balance. Such an annuity might be approximately $\$ 10,000$ per year for life. In many cash balance plans, however, the participant could instead choose (with consent from his spouse) to take a lump sum benefit equal to the $\$ 100,000$ account balance.

In addition to generally permitting participants to take their benefits as lump sum benefit at retirement, cash balance plans often permit vested participants to choose (with consent from their spouses) to receive their accrued benefits in lump sums if they terminate employment prior to retirement age. Traditional defined benefit pension plans do not offer this feature as frequently.

If a participant receives a lump sum distribution, that distribution generally can be rolled over into an Individual Retirement Account (IRA) or to another employer's plan if that plan accepts rollovers. This makes Cash Balance plans portable, therefore appealing to participants.

## PLAN PROVISIONS SAMPLE CORPORATION

## A Combination 401(k)/ Profit Sharing/ Cash Balance Plan For the Plan Year 01/01/2016-12/31/2016



EMPLOYEE CENSUS LISTING REPORT

## SAMPLE CORPORATION

For the Plan Year 01/01/2016-12/31/2016

| P | 0 | H | Last Name | First Name | Birth Date | Hire Date | Part Date | AA | RA | Sex | Considered Earnings | \% Owned | Status |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| * | * | * | EMPLOYEE | OWNER | 01/01/1958 | 01/01/2010 | 01/01/2016 | 59 | 65 | M | 265,000 | 100 | Active |
| * |  | * | SPOUSE | OWNER | 01/01/1960 | 01/01/2010 | 01/01/2016 | 57 | 65 | F | 30,000 | 0 | Active |
|  |  |  | EMPLOYEE | FIRST | 01/01/1990 | 01/01/2014 | 01/01/2016 | 27 | 65 | M | 52,000 | 0 | Active |
|  |  |  | EMPLOYEE | SECOND | 01/01/1982 | 01/01/2014 | 01/01/2016 | 35 | 65 | F | 63,000 | 0 | Active |
|  |  |  | EMPLOYEE | THIRD | 01/01/1975 | 01/01/2014 | 01/01/2016 | 42 | 65 | M | 81,000 | 0 | Active |


|  | PERSONS | EARNINGS |
| :--- | ---: | ---: |
| ACTIVE | 5 | 491,000 |
| INELIGIBLE | 0 | 0 |
| TOTAL |  | 491,000 |
| CONSIDERED EARNINGS |  | 491,000 |

Legend: P- Principal, O- Owner, H- Highly Compensated Employee

## For the Plan Year 01/01/2016-12/31/2016

CONTRIBUTION REPORT - DETAIL

| P O | Class | Last Name | First Name | AA | RA | Considered Earnings | Cash Balance |  | 401(k) <br> Deferral | Safe Harbor | Profit Sharing |  | Total Contribution |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  | Amount |  |  |  | Employer |  | \% | \% of <br> Total |
|  |  |  |  |  |  |  | Amount | \% |  |  | Amount | \% | \% | Cost |  |  |
| * * * | * A | EMPLOYEE | OWNER | 59 | 65 | 265,000 | 225,300 | 85.0 | 24,000 | 7,950 | 27,050 | 10.2 | 284,300 | 107.3 | 284,300 | 107.3 | 93.2 |
| * * | C | SPOUSE | OWNER | 57 | 65 | 30,000 | 1,500 | 5.0 | 24,000 | 900 | 600 | 2.0 | 27,000 | 90.0 | 3,000 | 10.0 | 1.0 |
|  | B | EMPLOYEE | FIRST | 27 | 65 | 52,000 | 1,040 | 2.0 | 1,040 | 1,560 | 2,075 | 4.0 | 5,715 | 11.0 | 4,675 | 9.0 | 1.5 |
|  | B | EMPLOYEE | SECOND | 35 | 65 | 63,000 | 1,260 | 2.0 | 1,260 | 1,890 | 2,514 | 4.0 | 6,924 | 11.0 | 5,664 | 9.0 | 1.9 |
|  | B | EMPLOYEE | THIRD | 42 | 65 | 81,000 | 1,620 | 2.0 | 1,620 | 2,430 | 3,232 | 4.0 | 8,902 | 11.0 | 7,282 | 9.0 | 2.4 |

Legend: P- Principal, O- Owner, H- Highly Compensated Employee
CONTRIBUTION REPORT - SUMMARY

|  | Considered Earnings | Cash Balance |  | 401(k) <br> Deferral | Safe <br> Harbor | Profit Sharing |  | Total Contribution |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Employer |  |  |  | $\begin{aligned} & \text { \% of } \\ & \text { Total } \end{aligned}$ |
|  |  | Amount | \% |  |  | Amount | \% |  | Amount | \% | Cost | \% |
| Principals | 295,000 | 226,800 | 76.9 |  | 48,000 | 8,850 | 27,650 | 9.4 | 311,300 | 105.5 | 287,300 | 97.4 | 94.2 |
| Non-Principals | 196,000 | 3,920 | 2.0 | 3,920 | 5,880 | 7,820 | 4.0 | 21,540 | 11.0 | 17,620 | 9.0 | 5.8 |
| Grand Total | 491,000 | 230,720 | 47.0 | 51,920 | 14,730 | 35,470 | 7.2 | 332,841 | 67.8 | 304,921 | 62.1 | 100.0 |

For the Plan Year 01/01/2016-12/31/2016 CONTRIBUTION SUMMARY REPORT (CHART)

| Principal | Principal (\%) | Non-Principal | Non-Principal (\%) |
| ---: | ---: | ---: | ---: |
| 287,300 | 94.22 | 17,620 | 5.78 |


| Cash Balance | 401 (k) Deferral | 401 (m) Match | Safe Harbor | Profit Sharing |
| ---: | ---: | ---: | ---: | ---: |
| $230,720.45$ | $51,920.00$ | 0.00 | $14,730.00$ | $35,470.40$ |

Principal / Non-Principal Source


## SAMPLE CORPORATION

A Combination 401(k)/ Profit Sharing/ Cash Balance Plan For the Plan Year 01/01/2016-12/31/2016
CASH BALANCE TAX SUMMARY REPORT

Assumed Tax Brackets
Employer Contribution
Estimated Tax Savings
Net Cost After Estimated Tax Savings
Contribution For Principals
Principal Contribution As A Percentage Of Net Cost
Net Cost Of Plan (After Principal Contribution And Tax Savings)

15\%
280,921
42,138
238,783
263,300 263,300
110.27\% 142.01\%
-24,518

34\%
280,921
95,513
185,408
-77,893

## TARGET NORMAL COST REPORT

SAMPLE CORPORATION
A Combination 401(k)/ Profit Sharing/ Cash Balance Plan
For the Plan Year 01/01/2016-12/31/2016


## MINIMUM PARTICIPATION TEST REPORT

SAMPLE CORPORATION
For the Plan Year 01/01/2016-12/31/2016
A Combination 401(k)/ Profit Sharing/ Cash Balance Plan

| Seq. <br> No. | Name | AA | RA | Considered Earnings | Cash <br> Balance | Accrued Benefit | Accrual <br> Rate (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | OWNER EMPLOYEE | 59 | 65 | 265,000 | 225,300 | 2,133.29 | 9.6602 |
| 2 | FIRST EMPLOYEE | 27 | 65 | 52,000 | 1,040 | 46.92 | 1.0828 |
| 3 | SECOND EMPLOYEE | 35 | 65 | 63,000 | 1,260 | 38.48 | 0.7329 |
| 4 | OWNER SPOUSE | 57 | 65 | 30,000 | 1,500 | 15.66 | 0.6263 |
| 5 | THIRD EMPLOYEE | 42 | 65 | 81,000 | 1,620 | 35.16 | 0.5209 |
| TOTALS |  | 491,000 |  |  | 230,720 |  |  |

## Plan Passes Minimum Participation Test

[^0]
(A) / (B) X 100 AVERAGE BENEFIT PERCENTAGE TEST

At least 70\%. Therefore Average Benefit Percentage Test Passed.

## MINIMUM ALLOCATION GATEWAY <br> SAMPLE CORPORATION <br> A Combination 401(k)/ Profit Sharing/ Cash Balance Plan

For the Plan Year 01/01/2016-12/31/2016

|  |  |  |  |  |  |  | Cash Bala | nce |  |  | Profit | ring |  | Aggreg |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P O H | Emp Name | AA | RA | Considered Earnings | Amount | \% | Accrued <br> Benefit | Equivalent <br> Allocation | EBAR | $3 \% \text { Safe }$ <br> Harbor | Amount | Total | EBAR | Equiv. Allocation | EBAR |
| HIGHLY COMPENSATED EMPLOYEES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OWNER EMPLOYEE |  | 59 | 65 | 265,000 | 225,300 | 85.0 | 2,133.28 | 124,724 | 47.07\% | 7,950 | 27,050 | 35,000 | 13.21\% | 159,724 | 60.27\% |
|  | OWNER <br> SPOUSE | 57 | 65 | 30,000 | 1,500 | 5.0 | 15.66 | 778 | 2.59\% | 900 | 600 | 1,500 | 5.00\% | 2,278 | 7.59\% |
|  |  |  |  |  |  |  |  |  |  |  | Highest HCE DB/DC Aggregate Allocation Rate Minimum NHCE DB/DC Allocation Rate |  |  |  | 60.27\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7.50\% |
| NON-HIGHLY COMPENSATED EMPLOYEES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | FIRST EMPLOYEE | 27 | 65 | 52,000 | 1,040 | 2.0 | 46.92 | 202 | 0.39\% | 1,560 | 2,075 | 3,635 | 6.99\% | 3,836 | 7.50\% |
|  | SECOND EMPLOYEE | 35 | 65 | 63,000 | 1,260 | 2.0 | 38.48 | 318 | 0.50\% | 1,890 | 2,514 | 4,404 | 6.99\% | 4,721 | 7.50\% |
|  | THIRD EMPLOYEE | 42 | 65 | 81,000 | 1,620 | 2.0 | 35.16 | 514 | 0.63\% | 2,430 | 3,232 | 5,662 | 6.99\% | 6,175 | 7.50\% |
|  |  | Average NHCE DB Equivalent Allocation Rate |  |  |  |  |  |  | 0.51\% | Lowest NHCE DB/DC Allocation Rate |  |  |  |  | 7.50\% |
|  |  |  |  |  |  |  |  |  |  | The minimum allocation Gateway Passed |  |  |  |  |  |
| Legend: P- Principal, O- Owner, H- Highly Compensated Employee |  |  |  |  |  |  |  |  |  | * Non-benefiting are not subject to minimum gateway. |  |  |  |  |  |



MOST VALUABLE ACCRUAL RATE FOR RATE GROUP TESTING
SAMPLE CORPORATION
A Combination 401(k)/ Profit Sharing/ Cash Balance Plan
For the Plan Year 01/01/2016-12/31/2016

|  |  |  |  |  |  | CASH BALANCE |  |  |  |  |  |  |  | PROFIT SHARING |  |  |  | AgGregate |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P O H | Class | Name | AA | RA | Earnings | Accrued Benefit | $\begin{aligned} & \text { APR } \\ & \text { QRA } \end{aligned}$ | Present Value | $\begin{gathered} \text { Plan } \\ \text { J\&S } \end{gathered}$ | $\begin{gathered} \text { 401a4 } \\ \text { J\&S } \end{gathered}$ | Lump @TA | APR <br> @TA | Norm. <br> Accr. | $3 \% \text { Safe }$ <br> Harbor | Amount | Total | Norm. Accr. | Aggr. Accr. | EBAR |
| HIGHLY COMPENSATED EMPLOYEES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| * * | A | OWNER EMPLOYEE | 59 | 65 | 265,000 | 2,133.28 | 141.53 | 225,300 | 173.84 | 116.07 | 245,412 | 95.39 | 2,572.85 | 7,950 | 27,050 | 35,000 | 598.64 | 3,171.49 | 14.36\% |
|  | C | OWNER SPOUSE | 57 | 65 | 30,000 | 15.66 | 141.53 | 1,500 | 179.71 | 119.34 | 1,913 | 95.39 | 20.06 | 900 | 600 | 1,500 | 30.20 | 50.26 | 2.01\% |

## NON-HIGHLY COMPENSATED EMPLOYEES

| B | FIRST EMPLOYEE | 27 | 65 | 52,000 | 46.92 | 141.53 | 1,040 | 229.21 | 143.47 | 14,451 | 95.39 | 151.50 | 1,560 | 2,075 | 3,635 | 845.92 | 997.43 | 23.02\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| B | SECOND <br> EMPLOYEE | 35 | 65 | 63,000 | 38.48 | 141.53 | 1,260 | 221.64 | 140.55 | 9,235 | 95.39 | 96.82 | 1,890 | 2,514 | 4,404 | 533.62 | 630.44 | 12.01\% |
| B | THIRD EMPLOYEE | 42 | 65 | 81,000 | 35.16 | 141.53 | 1,620 | 212.28 | 136.31 | 6,792 | 95.39 | 71.21 | 2,430 | 3,232 | 5,662 | 387.58 | 458.79 | 6.80\% |

## MAXIMUM CASH BALANCE CONTRIBUTION

SAMPLE CORPORATION
A Combination 401(k)/ Profit Sharing/ Cash Balance Plan
For the Plan Year 01/01/2016-12/31/2016

| P O H | Participant | Considered <br> AA Earnings |  | 415Monthly Limit | Maximum Contribution |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Amount | \% |
| * * * | OWNER EMPLOYEE | 59 | 265,000 |  | 1,416.89 | 225,300 | 85.02\% |
|  | FIRST EMPLOYEE | 27 | 52,000 | 214.26 | 45,168 | 86.86\% |
|  | SECOND EMPLOYEE | 35 | 63,000 | 329.50 | 67,237 | 106.73\% |
|  | THIRD EMPLOYEE | 42 | 81,000 | 488.13 | 95,513 | 117.92\% |
| * * | OWNER SPOUSE | 57 | 30,000 | 1,236.19 | 203,600 | 678.67\% |

$\checkmark$ Minimum Participation (401(a)(26) Pass
$\checkmark$ Average Benefit Percentage Test (410(b)-5(a)) Pass
$\checkmark$ Minimum Allocation Gateway Pass
$\checkmark$ Rate Group Test (401(a)(4)) Pass

* Plan is PBGC Covered. The Combined Plan Limit ((404)(a)(7)) test is not applicable.

Combined Plan Limit ((404)(a)(7)) N/A

1. DC Plan Employer Contribution $10.22411 \%$
2. Total Employer Contribution $57.21402 \%$

## PROJECTION SUMMARY REPORT

SAMPLE CORPORATION
For the Plan Year 01/01/2016-12/31/2016

| P O | H | Class | Last Name | First Name | AA | RA | Considered Earnings | Annual Cash Balance Contribution | Annual Defined Contribution | Lump Sum at NRA |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | Cash Balance |  | Defined Contribution | Combined Total |
| * |  | A | EMPLOYEE | OWNER | 59 | 65 | 265,000 | 225,300 | 59,000 | 1,834,393 | * | 480,378 | 2,314,771 |
|  |  | C | SPOUSE | OWNER | 57 | 65 | 30,000 | 1,500 | 25,500 | 16,540 |  | 281,178 | 297,718 |
|  |  | B | EMPLOYEE | FIRST | 27 | 65 | 52,000 | 1,040 | 4,675 | 118,659 |  | 533,394 | 652,053 |
|  |  | B | EMPLOYEE | SECOND | 35 | 65 | 63,000 | 1,260 | 5,664 | 89,159 |  | 400,789 | 489,948 |
|  |  | B | EMPLOYEE | THIRD | 42 | 65 | 81,000 | 1,620 | 7,282 | 72,093 |  | 324,064 | 396,157 |
| Legend: P- Principal, O- Owner, H- Highly Compensated Employee |  |  |  |  |  |  |  |  | * Will exceed 415 limit if contribution continues to NRA. See below for a reduced contribution option or view the Individual Projection Report for more details. |  |  |  |  |

REDUCED CONTRIBUTION OPTIONS

| Last Name | First Name | AA | RA | Considered Earnings | Annual Cash Balance Contribution | Cash Balance Lump Sum | 415 <br> Maximum Lump Sum | Reduced Cash Balance Contribution * |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EMPLOYEE | OWNER | 59 | 65 | 265,000 | 225,300 | 1,834,393 | 1,715,245 | 210,666 |


[^0]:    1. Total Non-excludable employees:
    2. $40 \%$ of Total Non-excludable employees (minimum of 2) must benefit (not to exceed 50 ) 2
    3. Total Benefiting (those with Accrual Rates greater than or equal to $0.5 \%$ )
