BUDGET ANALYSIS
Date: 11/29/2023
All pricing valid 21 days

## Client Information:

Two Story Addition
Address:
City, State, Zip:
Phone:
Email:

## Project Description:

Two Story Addition: Add a first-floor family room and a second-floor bedroom with full bathroom in a 20-by-16-foot two-story wing over a crawl space. HVAC and electrical to code. Family room: Include a gas fireplace, (16) 3-by-4-foot double hung insulated clad-wood windows, an exterior door, carpeted floors, painted walls and ceiling, and painted trim. Bathroom includes tile shower, plumbing fixtures, a light/fan combo, surface mount medicine chest, electrical, insulation, sheetrock, tile, millwork, accessories, flooring, painting, and clean-up and debris removal. Bedroom: Includes walk-in closet/dressing area, carpet, painted walls, ceiling, and trim as well as general lighting. LANDSCAPE BY OWNER.

NOTE: Material and Labor is included for items listed below, unless otherwise noted.

|  | Qty. Unit | Image | Low Budget |  | High Budget |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 01. Permits and Design |  |  |  |  |  |  |
| Permit. | 1 EA |  | \$ | 4,880.00 | \$ | 5,368.00 |
| Design and Planning Process- see Design and Planning Agreement for details. | 1 EA |  | \$ | 9,000.00 | \$ | 9,000.00 |
| Engineering allowance- more complex project review, redline, and stamp. | 1 EA |  | \$ | 1,830.00 | \$ | 2,013.00 |
| Locate and mark all 4 property corners with new monuments and draw a full site planshowing existing buildings, driveway, sidewalks, patios, large trees, etc.- surveyor. NOTE: This will be completed during the design phase if needed. A second design agreement will be sent during the design phase with a specific survey scope/costs to your property. | 1 EA |  | \$ | 1,464.00 | \$ | 1,610.40 |
| Subtotal - Category 1 |  |  | \$ | 17,174.00 | \$ | 17,991.40 |
| 02. Site Prep and Demolition |  |  |  |  |  |  |
| Site Prep Large Project or Addition: <br> -Tools/equipment delivery and set up of job site. <br> -Place yard sign and order dumpster. <br> -Floor protection to work area. <br> -Poly curtain walls and zipper doors to work area. | 1 EA |  | \$ | 1,954.00 | \$ | 2,149.40 |


| Demolition of work area: <br> -Demo exterior siding <br> -Demo overhang and <br> -Demo roofing as needed. <br> -See framing section for wall removal. | 1 EA | \$ | 3,360.00 | \$ | 3,696.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Scaffolding- set up and take down for exterior work or addition. | 1 EA | \$ | 565.00 | \$ | 621.50 |
| Tarps- heavy duty green tarps in area where roof is being removed. | 1 EA | \$ | 2,143.60 | \$ | 2,357.96 |
| Subtotal - Category 2 |  | \$ | 8,022.60 | \$ | 8,824.86 |
| 03. Landscaping and Fence |  |  |  |  |  |
| Subtotal - Category 3 |  | \$ | - | \$ | - |
| 04. Concrete and Foundation |  |  |  |  |  |
| Excavation for crawl space foundation. Assumes 42" deep. | 320 SF | \$ | 11,712.00 | \$ | 12,883.20 |
| Strip footings- 20" X 8' w/ (2) \#4 rebar continuous | 52 LF | \$ | 4,440.80 | \$ | 4,884.88 |
| Block walls for crawl space - 12" block at 42" frost depth and 4 courses above grade. Core fills, exterior waterproofing and rigid foam on the exterior. | 52 LF | \$ | 11,419.20 | \$ | 12,561.12 |
| Interior Drain tile and Sump Basket for new crawl space or full basement walls. -New drain tile and sump basket. <br> -Excludes sump pump. | 1 EA | \$ | 1,220.00 | \$ | 1,342.00 |
| Window opening- cut foundation. | 1 EA | \$ | 305.00 | \$ | 335.50 |
| Flat concrete work. 4" slab. Patio / Driveway / Sidewalk. Add 320 SF \$8,800.00 | 0 SF | \$ | 2,440.00 | \$ | 2,684.00 |
| Subtotal - Category 4 |  | \$ | 31,537.00 | \$ | 34,690.70 |
| 05. Masonry |  |  |  |  |  |
| Subtotal - Category 5 |  | \$ | - | \$ | - |
| 06. Framing |  |  |  |  |  |
| Crane- rental of crane to lift trusses for 2nd floor projects. | 1 EA | \$ | 976.00 | \$ | 1,073.60 |
| Basic interior wall framing: <br> -Flatten walls and ceiling. <br> -Fur out as needed. <br> -Furnish and install backers for rock and accessories. | 1 EA | \$ | 433.60 | \$ | 476.96 |
| Exterior wall framing. Includes 1/2" OSB sheathing. | 104 LF | \$ | 7,666.88 | \$ | 8,433.57 |
| Pocket door frame. | 2 EA | \$ | 860.60 | \$ | 946.66 |
| Addition floor framing OR flat roof framing. <br> Includes $3 / 4^{\prime \prime}$ tongue and groove plywood subfloor. <br> NOTE: Open web trusses are included for this line item. See column O and adjust wording and price to what you need/remove this bolded wording. | 640 SF | \$ | 14,748.16 | \$ | 16,222.98 |
| Interior walls. | 34 LF | \$ | 1,043.12 | \$ | 1,147.43 |
| Remove LOAD BEARING wall, frame temp walls, frame a new opening: -Includes new DROPPED HEADERS for the support of the weight above. <br> -Non-steel, 10' or smaller opg. <br> -Post footings/blocking below additional and not included on this line item. | 1 EA | \$ | 1,473.00 | \$ | 1,620.30 |
| Gable roof- stick framed. 1/2" OSB, "H" clips @ 24" O.C. | 200 SF | \$ | 5,176.72 | \$ | 5,694.39 |
| Truss roof. 1/2" OSB, "H" clips @ 24" O.C. 2 story or higher, or complicated 1 story. | 400 SF | \$ | 9,768.00 | \$ | 10,744.80 |
| Subtotal - Category 6 |  | \$ | 42,146.08 | \$ | 46,360.69 |
| 09. Roofing, Flashing, Gutters |  |  |  |  |  |
| Roof jack on new plumbing vent penetrations. | 1 EA | \$ | 372.60 | \$ | 409.86 |
| Roofing - Furnish and install asphalt shingles. Install only. (for additions and new roofs); Includes replacing on existing face that ties into addition. <br> Manufacturer: <br> Type: | 1200 SF | \$ | 7,539.60 | \$ | 8,293.56 |
| Gutters- standard 5" and $3 \times 4$ downspouts. <br> Color: | 80 LF | \$ | 2,440.00 | \$ | 2,684.00 |
| Subtotal - Category 9 |  | \$ | 10,352.20 | \$ | 11,387.42 |
| 10. Exterior Trim, Porches and Decks |  |  |  |  |  |
| Subtotal - Category 10 |  | \$ | - | \$ | - |
| 11. Siding, Soffit, and Fascia |  |  |  |  |  |



| Option: Add for Simulated divided lite (SDL)(16 Sash Add \$4,000.00): <br> Manufacturer: <br> Material: <br> Profile: <br> Color: <br> Size: | 0 EA | \$ | 0.00 | \$ | 0.00 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Subtotal - Category 13 |  | \$ | 21,937.18 | \$ | 24,130.90 |
| 14. Plumbing |  |  |  |  |  |
| Plumbing Permit. | 1 EA | \$ | 335.50 | \$ | 369.05 |
| Pedestal sink with a chrome P-trap: <br> $\$ 390$ allowance <br> Manufacturer: <br> Model: <br> Faucet spread: | 1 EA | \$ | 1,161.83 | \$ | 1,278.01 |
| Lav faucet: <br> \$300 allowance <br> Manufacturer: <br> Model: <br> Finish: | 1 EA | \$ | 747.47 | \$ | 822.22 |
| 5 ' cast iron tub: <br> $\$ 500$ allowance <br> Drain side: <br> Manufacturer: <br> Model: <br> Finish: | 1 EA | \$ | 1,918.42 | \$ | 2,110.26 |
| Tub waste and overflow: <br> $\$ 85$ allowance <br> Manufacturer: <br> Model: <br> Finish: | 1 EA | \$ | 266.17 | \$ | 292.78 |
| Tub filler faucet, valve, trim, and rough-in valve: <br> \$300 allowance <br> Manufacturer: <br> Model: <br> Finish: | 1 EA | \$ | 906.08 | \$ | 996.69 |
| Toilet: <br> \$300 allowance <br> Manufacturer: <br> Model: <br> Color: | 1 EA | \$ | 747.48 | \$ | 822.23 |
| Attic or 2nd floor bathroom rough-in. | 1 EA | \$ | 5,422.90 | \$ | 5,965.19 |
| Roof jack on new plumbing vent penetrations. | 1 EA | \$ | 400.10 | \$ | 440.11 |
| Move other venting. | 1 EA | \$ | 1,037.00 | \$ | 1,140.70 |
| Sillcock- replace existing. | 1 EA | \$ | 244.00 | \$ | 268.40 |
| Subtotal - Category 14 |  | \$ | 13,186.95 | \$ | 14,505.65 |
| 15. HVAC |  |  |  |  |  |
| Mechanical permit. <br> Bathroom fan- install and vent to the exterior. <br> Rough in a new "loop" off the existing boiler for new space. <br> Furnish and install a new cast iron base board radiator. <br> Gas insert fireplace: <br> Manufacturer: Heat an Glo <br> Model: <br> Color: <br> Details: <br> Note: includes venting, setting unit, and installing gas line and all assoc. permits. Includes fire screen, brick interior, fan, thermostat touch screen remote, ember lites, and unit. <br> Mini split heat pump and cooling system- ducted- best used for multiple rooms. <br> -Requires ducting but doesn't need gas or venting. <br> -Units are rectangular and usually hung from ceiling. <br> -Based on tougher runs with 5-7 vents, central return, 2 or 3 rooms. | 1 EA <br> 1 EA <br> 2 EA <br> 1 EA <br> 1 EA | \$ <br> $\$$ <br> $\$$ <br> $\$$ | $\begin{array}{r} 152.50 \\ 1,037.00 \\ 8,052.00 \\ 6,433.06 \\ \\ 20,740.00 \end{array}$ | \$ | $\begin{array}{r} 167.75 \\ 1,140.70 \\ 8,857.20 \\ 7,076.37 \\ \\ 22,814.00 \end{array}$ |
| Subtotal - Category 15 |  | \$ | 36,414.56 | \$ | 40,056.02 |



Threshold- Corian single bevel- $36^{\prime \prime}$ long, approx. $13 / 4^{\prime \prime}$ wide:
Color: glacier white or bisque
Thickness: $1 / 4^{\prime \prime}$ or $1 / 2^{\prime \prime}$
NOTE: There will be an elevation difference between xxxx floor and hallway floor. We will do our best to minimize this.
Tile backer. Standard for shower or wet walls.
Large format tile on shower surround walls using spacers.
\$4.50/sf allowance
Manufacturer:
Line:
Size:
Color:
Thickness:
Pattern:
NOTE: Tile extends to ceiling on shower walls. While ceiling furring is included to avoid slivers/wedges of tile, due to the nature of existing older homes, some may be unavoidable. Castle will minimize them as much as possible.
NOTE: If tile dimensions 15 " or more on any side, TCNA recommends that offset on install be no larger than $30 \%$. Running bond at $50 \%$ not recommended because of cupping and crowning Accent tile:
\$16.50/sf allowance
Manufacturer:
Line:
Size:
Color:
Thickness:
Pattern-
Bullnose tile:
\$4.50/lf allowance
Manufacturer:
Line:
Size:
Color:
Thickness:
Pattern:
Edging- (figured per 8' stick):
Manufacturer: Schluter
Style: Jolly
Finish:
Thickness: x , to match tile
Backsplash - Fireplace Surround:
\$4.50/sf allowance
Manufacturer:
Line:
Size:
Shape:
Color:
Thickness:
Pattern:
NOTE: This is the field tile. Add bullnose, Schluter, accent tiles, etc. to the lines above.
NOTE: If tile extends to ceiling, ceiling furring is included to avoid slivers/wedges of tile. But due to the nature of existing older homes, some may be unavoidable. Castle will minimize them as much as possible.
NOTE: If tile dimensions $15^{\prime \prime}$ or more on any side, TCNA recommends that offset on install be no larger than $30 \%$. Running bond at $50 \%$ not recommended because of cupping and crowning Grout- Tec Grout:
Color:
Line: power grout, sanded, or unsanded (power grout not recommended for walls; sanded if grout
lines over $1 / 8^{\prime \prime}$ is recommended; unsanded on natural or glass recommended; designer to specify grout joints)
Size:
Location:
Stock Material Costs - Denshield, Mud, Self Leveler, Mastic, Thinset, Redguard, Tape, Caulk, Sponges, Silicone, etc.
NOTE: Include on all tile projects.
20. Millwork, Doors, Hardware



\begin{tabular}{|c|c|c|c|c|c|}
\hline \multicolumn{6}{|l|}{23. Flooring} \\
\hline \begin{tabular}{l}
Floor transitions: \\
Manufacturer: \\
Type: t mold, reducer, etc. \\
Finish: \\
Locations: \\
Carpet and pad: \\
\(\$ 4.50\) allowance \\
Manufacturer: \\
Line/series: \\
Color: \\
Pad:
\end{tabular} \& \[
\begin{gathered}
1 \mathrm{EA} \\
600 \mathrm{SF}
\end{gathered}
\] \& \$ \& 48.80

$4,026.00$ \& \$ \& $$
53.68
$$

$$
4,428.60
$$ <br>

\hline Subtotal - Category 23 \& \& \$ \& 4,074.80 \& \$ \& 4,482.28 <br>
\hline \multicolumn{6}{|l|}{24. Painting and Decorating} <br>

\hline | Ceilings- prime and painting: |
| :--- |
| Color: Standard flat ceiling white |
| Rooms: |
| Walls- prime and paint: |
| Manufacturer: |
| Color name and \#: |
| Sheen: |
| Rooms: |
| Molding (base, casing)- priming and painting: |
| Manufacturer: |
| Color name and \#: |
| Sheen: satin is standard |
| Items: base, casing, crown, etc. |
| Rooms or locations: |
| Interior door- priming and painting of a door: |
| Manufacturer: |
| Color name and \#: |
| Sheen: satin is standard |
| Locations: |
| NOTE: includes both sides and jamb of unit. |
| Exterior door- finish: |
| Manufacturer: |
| Color name and \# door: |
| Color name and \# jamb: |
| Sheen: satin is standard |
| Locations: |
| NOTE: includes both sides and jamb of unit. | \& | 640 SF |
| :--- |
| 1428 SF |
| 684 LF |
| 3 EA |
| 1 EA | \& \$ ${ }^{\prime}{ }^{\prime}$ \& | $1,529.92$ $2,519.28$ |
| :--- |
| 6,551.01 |
| 907.73 |
| 612.88 |
| 12,120.81 | \& \$ ${ }^{\text {S }}$ \& | 1,682.91 |
| :--- |
| 2,771.21 |
| 7,206.11 |
| 998.50 |
| 674.16 |
| 13,332.89 | <br>

\hline \multicolumn{6}{|l|}{25. Clean Up and Debris Removal} <br>

\hline | Disposal and clean-up: |
| :--- |
| -Remove all site prep, wipe down and broom sweep area. |
| -Haul all extra material off site. |
| NOTE: This doesn't include professional cleaning. Deep clean available at additional cost to be handled on a change order at end of proiect. |
| Street permit: |
| -Minneapolis street use permit for dumpster. |
| NOTE: If dumpster can be placed on driveway or lawn this can cost can be saved. |
| 20 Yard roll-off dumpster: |
| -10 ton maximum. |
| NOTE: for 30 days only. See line below for additional months. |
| Add Portable restroom 5 months (Add \$1,500.00): |
| -Regular. |
| NOTE: This cost can be saved if Client is ok with making a bathroom in the house available to Castle and our trade partners. | \& | 1 EA |
| :--- |
| 5 MO |
| 4 EA |
| 0 MO | \& \$ \& 1,431.50

$$
579.50
$$

$$
2,156.96
$$

$$
0.00
$$ \& \$ \& \[

1,574.65
\]

$$
637.45
$$

$$
2,372.66
$$

$$
0.00
$$ <br>

\hline Subtotal - Category 25 \& \& \$ \& 4,167.96 \& \$ \& 4,584.75 <br>

\hline | Project Subtotal |
| :--- |
| 26. Designer Oversight \& Project Management |
| 27. Overhead and Profit | \& \& \$ \& \[

$$
\begin{array}{r}
\hline \mathbf{3 0 1 , 1 5 0 . 4 6} \\
31,620.80 \\
49,689.83
\end{array}
$$

\] \& \$ \& \[

$$
\begin{array}{r}
\hline \mathbf{3 3 0 , 3 6 5 . 5 0} \\
34,782.88 \\
54,658.81
\end{array}
$$
\] <br>

\hline
\end{tabular}

| Grand Total** | $\$$ | $382,461.08$ |
| :---: | :---: | :---: |
| MN License \# BC005657 |  |  |
| $* *$ Important Notice** | $420,707.19$ |  |
| **This is only a ballpark guesstimate. This does not represent actual prices, only a <br> best guess based on Castle's past experiences. There are still many unknowns that can <br> affect pricing at this point. |  |  |

*Doesn't Apply to Bank Financing or loan process that requires Castle to receive payment directly from that entity after Castle has paid subcontractors and secured lien waivers. In these instances Castle essentially acts as the financier for the project and incurs borrowing costs. Exceptions include banks willing to follow Castle payment structure.


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