February 1, 2017

Attn: Abbe George

524 W. Historic Mitchell St.

Milwaukee, WI 53204



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Abbe George,

We propose the following roofing and sheet metal work on the church and school.

Copper Saddle behind Northeast & Southeast Steeples

- Setup scaffold to gutter to perform work
- Install access ladders from gutter to copper saddles
- Remove tiles approximately 2 feet above copper saddle for proper tie in
- Remove existing copper counterflashing
- Install Grace High Temperature Ice and Water shield membrane to entire area, tying into existing underlayments at tile transition
- Install red rosin paper slip sheet over ice and water membrane
- Install new 16 oz. copper flat locked system with soldered seams
- Install new 16 oz. copper counterflashing set into reglet in masonry wall
- Prime reglet and seal with polyurethane sealant
- Reinstall tiles
- Remove all ladders and scaffolding

Northeast Saddle Cost Estimate: \$18,285

CVOBS

Southeast Saddle Cost Estimate: \$18,285

Downspout on Church, west end below radius gutter

- Remove existing square downspout
- Install new 3"x 4" 16 oz. copper downspout

Cost Estimate: \$765 MB

Built-in Gutters on School

- Install Grace High Temperature Ice & Water Shield membrane after repair (repair and properly pitched wood structure to be completed by others)
- Install red rosin paper slip sheet over ice and water shield membrane

- Install new 16 oz. copper gutter liners with soldered seams
- Install temporary felt tie-in to existing shingle roof
- Reuse existing copper downspouts

(All gutter area scaffolding to be set up by others, cost estimate is based on scaffolding being in place)

Cost Estimate: \$36,035 CMB

Installation of gutter runs from a man lift supplied by us on the north and west gutter

runs

DELKTE = Cost Estimate: \$4,410 CMS

Southeast Gutter Run Downspout on School

- Remove existing galvanized downspout
- Install new 16 oz. copper 6" round corrugated downspout in same location

(Northeast collector box and spillway area to be done by others)

Cost Estimate: \$2,205 CM

Northwest inside corner of School Collector Box and Saddle Spillway

- Use man lift for access to perform work
- Remove existing galvanized collector box
- Install High Temperature Ice & Water shield membrane to entire area from eave to shingles and modified roofing in saddle
- Install new 20 oz. copper collector box (similar in shape and size as existing) with reinforcing copper bar stock in top bead and back to brick wall
- Install new 16 oz. copper panel system and new 16 oz. copper wall flashings from collector box to shingles and modified roofing in saddle

Cost Estimate: \$7,625 MB

Rectory Gutters and Northwest Downspout

- Setup scaffold to perform work
- Remove two courses of tile and starter row
- Remove existing copper gutter
- Inspect wood structure that is under existing copper gutters and replace rotted lumber on a time and material basis

- Install 3-foot-wide High Temperature Ice & Water Shield membrane the full length of all gutter runs, tying into existing underlayment at tile transition
- Install red rosin paper slip sheet over ice and water shield membrane
- Install new 16 oz. copper gutter liners with soldered seams
- Reinstall tiles

(Reuse existing downspouts except the northwest downspout)

- Remove northwest downspout and replace with new 16 oz. copper 3" x 4" downspout
- Remove scaffolding

Cost Estimate: \$37,500 CMS

All permits to be provided by others

Please contact me with any questions. Sincerely,

Roger Hamm

£125,110.00

Contract accepted as in. Hales and gusted. Thank you hi the orlywst ment.

Abbe GEORGE BATTER

Construction

Design Expert Analysis New / Restoration / Repair

School GUTTER 232 ELFIN STREET (EXST) -- ELEVATION YANNA GITTER CAR THELTS A-ZE A-3 SADDIK META HOTEL CHAPTER THEALTH ON LICH CHURCH BUILDING ELLEVATIONS Ructory 72 HOTE: .: . · · cocation of All Works shows of Marions, Detail elects is in Digate by Stations SCHOOL . WEST ELEVATION ×24" MARK F. PFALLER ASSOCIATES
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