



Housing Authority of the City of Pittsburgh

Contracting Officer
100 Ross Street
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Pittsburgh, PA 15219
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www.hacp.org

September 16, 2019

Homewood North Stoops and Courtyard Paving, AMP-20

IFB #600-37-19

ADDENDUM NO.3

This addendum issued September 16, 2019 becomes in its entirety a part of IFB #600-37-19 as is fully set forth herein:

Item 1: ADDENDUM NO.1 ISSUED 8/15/19 CONTAINED AN OLDER VERSION OF THE BASE BID FORM DATED 5/24/17. PLEASE DISREGARD THE BASE BID FORM PROVIDED IN ADDENDUM NO.1 AND UTILITZE THE ATTACHED VERISION – REVISED 9/16/2019.

Item 2: **Q:** Drawings state "Foam Slab Lift" for offset concrete slabs, but Specification Section 13-2 states "Cement Slurry Mixture" and "NO deviation from the specified mix design". Is a foam lift application acceptable for the project?

A: Slab lifting material questions were addressed in Addendum #2.

Item 3: **Q:** Sheet No. SP-2: "Installation of 8" PVC drainage pipe behind wall", Specification Section 33-2, 3.01 states "...elevations indicated on drawings.". No elevation is indicated on the drawings for depth of drainage pipe. Please advise.

A: Delete the installation of the 8" drain pipe behind the wall in the rear of Building 10. Delete all work and material associated with this including 2B stone and concrete repair of steps/sidewalk. Item numbers 7, 9 & 10 for Building 10 on the Base Bid form with revised date of 9/16/2019 deleted.

Item 4: **Q:** Photos 10a & 10b - "Remove and replace railroad tie wall.", is not shown on the drawings. Please advise.

A: Work in photos 10a and 10b has been deleted.

- Item 5:** Q: Photo 10d - "Replace section of sidewalk.", drawings show "Replace entire length". Please advise.
A: **Replace entire length as per drawings.**
- Item 6:** Q: Photo 48 - "Foam lift slab". During our site visit it was noted that these slabs abut continuously at the same height. Please advise.
A: **Delete foam lift of small slab between top of steps and exposed aggregate semi-circle concrete walk. Slab is currently level with both steps and exposed aggregate.**
- Item 7:** Q: Photo 54 - "Foam lift slab", drawings do not indicate location or dimensions. Please advise.
A: **The slab to be lifted is the one called out on SP-4 just below the photo reference callout 54.**
- Item 8:** Q: Photo 74 - "Clean and caulk crack", drawings state "Replace cracked section". Please advise.
A: **Replace cracked sections as per drawing.**
- Item 9:** Q: Photo 60 - "Clean out and reset inlet grate", existing inlet grate is missing. Specification 33-2, 2.04 states "Nominal lid and frame size: Refer to Drawings", drawings do not indicate lid type or size. Please advise.
A: **Inlet grate is not missing.**
- Item 10:** Q: Photo 95c - "Grind slab", drawings state "Replace walk and slab". Please advise.
A: **Replace walk and slab as per drawing.**
- Item 11:** Q: Photo 101 & 102 - "Remove and replace staircase". Existing staircase is pressure treated wood over concrete. What is the requested materials for replacement? Pressure treated wood or concrete? Please advise.
A: **Remove and replace staircase and handrail as per detail 1/GD2 "Typical Concrete Stairs". Handrail to be on both sides of steps and landings.**
- Item 12:** Q: Building 1 - Front - Item #5 & #6: "Cast-in-place concrete for sidewalk landing". Drawings do not indicate slab replacement. Please advise.
A: **See Base Bid with revised date of 9/16/2019.**
- Item 13:** Q: Building 1 - Front - Item #8: "Foam lift slab", quantity states four (4), drawings show three (3). Please advise.
A: **Correct "Foam lift slab" should be 1.**

Item 14: Q: Building 3 - Item #2: "Foam lift slab", quantity states two (2), site photos eliminate one (1). Please advise.

A: See Base Bid with revised date of 9/16/2019.

Item 15: Q: Building 4 - Rear - Item #6: "Foam lift slab", quantity states 3, photos eliminate two (2). Please advise.

A: Quantity to be 1. Work location as per Photo 39.

Item 16: Q: Building 6 - Front - Item #1: "Foam lift slab", quantity states one (1), photos and drawings show two (2). Please advise.

A: Quantity should be 2.

Item 17: Q: Building 7 - Front - Item #3: "Clean crack and joint seal", quantity states twenty (20) lineal feet, drawings do not indicate any cleaning of cracks. Please advise.

A: Item #3 should be "Crack seal/caulk" and quantity should be ~16 l.f.

Item 18: Q: Building 7 - Front - Item #4: "Neoprene expansion joint", quantity states eight (8) lineal feet, drawings show eleven (11) lineal feet. Please advise.

A: Item #4 quantity should be 11 l.f. ADDITIONALLY Item #1 regarding grinding, the quantity should be ~24 l.f.

Item 19: Q: Building 8 - Front - Item #4: "Foam lift slab", quantity states three (3), photos eliminate one (1). Please advise.

A: Quantity to be 1. See Base Bid with revised date of 9/16/2019.

Item 20: Q: Building 8 - Front - Item #5: "Clean crack and joint seal concrete ADA parking stall", quantity states twelve (12) lineal feet, site visit determined fourteen (14) lineal feet.

A: Quantity to be 14 l.f.

Item 21: Q: Building 8 - Rear - Item #?: Unlisted. "Repatch concrete" shown on drawings, item and quantity not listed on Base Bid breakdown. Please advise.

A: This will be Item Number 14 for Building 8 – "Repatch" with quantity determined in field.

Item 22: Q: Building 9 - Front - Item #3: "Foam lift slab", quantity states three (3), photos eliminate two (2). Please advise.

A: Quantity to be 1. See Base Bid with revised date of 9/16/2019.

Item 23: Q: Building 9 - Rear - Item #16: "Foam lift slab", quantity states one (1), drawings do not indicate any "foam slab lift". Please advise.

A: See Base Bid with revised date of 9/16/2019.

Item 24: Q: Building 10 - Rear - Item #12: "Foam lift slab", quantity states three (3), drawings show two (2), photos eliminate two (2). Please advise.

A: Item removed. See Base Bid with revised date of 9/16/2019.

Item 25: Q: Building 11 - Rear - Item #2: "Grind concrete slab", quantity states five (5) lineal feet, drawings show fifteen (15) lineal feet. Please advise.

A: Based on drawings the quantity is ~20 l.f. This work is actually located in the front of the building not rear as listed on Base Bid Form.

Item 26: Q: Building 13 - Rear - Item #8: "Foam lift steps", drawings do not show foam lifting of steps. Please advise.

A: Delete Item 8 from Base Bid.

Item 27: Q: Building 13 - Rear - Item #11: "Sidewalk restoration disturbed from underdrain installation", photos eliminate installation of new sidewalks. Is the underdrain installation eliminated as well? Please advise.

A: Delete Item 11 including underdrain.

Item 28: Q: Building 15 - Rear - Item #2 & #9: "Grind and caulk:", quantity states three (3) lineal feet, drawings show sixteen (16) lineal feet. Please advise.

A: Quantity should be 16 l.f.

Item 29: Q: Building 15 - Rear - Item #5: "Cast-in-place concrete", quantity states sixty (60) square feet, drawings show additional seventy (70) square feet. Please advise.

A: Quantity should be 132 s.f.

Item 30: Q: Building 15 - Rear - Item #6: "Foam lift slab", quantity states five (5), photos eliminate one (1). Please advise.

A: Quantity to be 4.

Item 31: Q: Stranahan St. - Front - Item #1 "Foam lift slab" quantity states two (2), photos eliminate one (1). Please advise.

A: Quantity to be 1.

Item 32: Q: Stranahan St. - Rear - Item #7: "Reinstall railings". Existing railings on one (1) side only. Railings to be reinstalled against building as existing? Please advise.

A: Railings to be on both sides. Existing railings to be removed as part of staircase replacement work (Item 4). New railings as per detail.

Item 33: Q: Stranahan St. - Rear - Item #8: "Topsoil and seed/restoration", quantity states eighty (80) square feet, drawings do not indicate any topsoil and seed/restoration. Please advise.

A: Item 8 to be removed from Base Bid form.

Item 34: Q: Stranahan St. - Rear - Item #11: "Foam lift slab & seal joints", quantity states one (1), photos eliminate one (1). Please advise.

A: See Base Bid with revised date of 9/16/2019.

Item 35: Q: Specification Section 32-8, Part 3.3-C: States that "...seeding may be accomplished between 4/1 - 5/15 or between 9/1 - 10/15. Is this the only applicable time of year for the sowing of the grass seed? Can the seeding be accomplished outside of those dates? Please advise.

A: Seeding is to be done as per specification.

Item 36: Q: During our RFQ process for the slab lifting, it was noted by a perspective sub-contractor that HACP had solicited an awarded concrete slab lifting for many of the sections listed in the current contract documents. That work was completed during the first half of 2019. This correlates to our findings during our walk through that the majority of slabs do not require leveling. Can HACP provide locations and quantities of the slabs to be lifted?

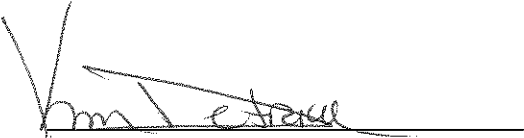
A: HACP has addressed the slab lifting that is to be performed within our previous responses.

Item 37: Q: Specification Section 13-2, Part 2.1-A: The mix design for the slab raising states "...Ground clay passing #4 sieve 100 Ground clay is not a common adjunct for slab raising it was also noted that being clay is subject to expansion and contraction due to water retention. If the slabs have been lifted prior as indicated in RFI Question #2, is there a design available that can be utilized for continuity? Please advise.

A: Polyurethane Foam Poly level application is an acceptable and typical construction practice performed for slab lifting. Shop Drawings of materials shall be submitted for approval prior to construction.

The bid due date is changed to September 30, 2019, time and location remain unchanged at 2:00PM, at the HACP Procurement Dept., 100 Ross St. 2nd Floor, Suite 200, Pittsburgh, PA 15219.

END OF ADDENDUM NO. 3


Mr. Kim Detrick
Director of Procurement/Chief Contracting Officer

9-16-19
Date

REVISED
9-16-19

BASE BID

Project: Homewood North Housing Site Rehabilitation

Morris Knowles & Associates, Inc.
Consulting Engineers
Delmont, Pennsylvania

Task Order: #48

COMPUTED BY: VLS
CHECKED BY: MJK

Rev. DATE: 12/12/2018
DATE: 5/24/2017

Building 1					
Building Rear - Sheet Number: SP-4					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Foam Lift Slab	1	EA		
2	Cast-In-Place Concrete For Sidewalk Landing - 3' x 4'	12	SF		
3	Clean Debris & reset or replace inlet grate	1	LS		
Building Front - Sheet Number: SP-4					
4	Clean Crack & Joint Seal	3	LF		
5	Clean debris , Grout and Caulk Steps	6	LF		
6	Topsoil & Seed	52	SF		
7	Foam Lift Slab	4	EA		
					SUBTOTAL
Building 2					
Building Front - Sheet Number: SP-4					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	6	SF		
2	Foam Lift Slab along Concrete Sidewalk	1	EA		
3	Foam Lift Slab	2	EA		
Building Rear - Sheet Number: SP-4					
4	Topsoil & Seed	14	SF		
5	Clean Joint, replace Neoprene Expansion Material and Joint Fill	1	LS		
					SUBTOTAL
Building 3					
Building Front - Sheet Number: SP-4					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Clean Crack, install Neoprene Material and Caulk Joint	1	LS		
2	Foam Lift Slab	2	EA		
Building Rear - Sheet Number: SP-4					
3	Topsoil & Seed	180	SF		
4	Clean Crack, install Neoprene Material and Caulk Joint	1	LS		
5	Clean Crack & Joint Seal along Concrete Sidewalk	5	LF		
					SUBTOTAL
Building 4					
Building Front - Sheet Number: SP-3					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	40	SF		
2	Clean Crack & Joint Seal	10	LF		
3	Foam Lift Slab	1	EA		
Building Rear - Sheet Number: SP-3					
4	Clean Crack, install Neoprene Material and Caulk Joint	1	LS		
5	Cast-In-Place Concrete for Sidewalk Replacement	55	SF		
6	Foam Lift Slab	1	EA		
Building Eastern Side - Sheet Number: SP-3					
7	Foam Lift Slab	1	EA		
8	Concrete Step Spall and Patch Repair	1	LS		
					SUBTOTAL

REVISED
9-16-19

Building 5					
Building Front - Sheet Number: SP-5					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	500	SF		
2	Clean Crack, install Neoprene Material and Caulk Joint along Brick	1	LS		
	Retaining Walls				
3	Clean and Crack Seal along Concrete Sidewalk	5	LF		
Building Rear - Sheet Number: SP-5					
4	Concrete Corner Patch Repair at Top Step	1	LS		
5	Grind Concrete Step at Top Landing	5	LF		
				SUBTOTAL	
Building 6					
Building Front - Sheet Number: SP-3					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Foam Lift Slab	1	EA		
2	Concrete Wall Spall Repair, seal coating of exposed rebar	1	LS		
				SUBTOTAL	
Building 7					
Building Front - Sheet Number: SP-1					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Grind Concrete Slab	20	LF		
2	Topsoil & Seed	425	SF		
3	Clean Crack & Joint Seal	20	LF		
4	Neoprene Expansion Joint	8	LF		
Building Rear - Sheet Number: SP-1					
5	Grind Concrete Slab	4	LF		
6	Topsoil & Seed	47	SF		
7	Clean Crack & Joint Seal	10	LF		
8	Foam Lift Slab	1	EA		
				SUBTOTAL	
Building 8					
Building Front - Sheet Number: SP-1					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Cast-In-Place Concrete for Concrete Sidewalk	6	SF		
2	Topsoil & Seed	55	SF		
3	Clean Crack and Joint Seal Concrete Sidewalk	5	LF		
4	Foam Lift Slab	1	EA		
5	Clean Crack and Joint Seal Concrete ADA Parking Stall	12	LF		
6	Clean Crack & Joint Seal	3	LF		
Building Rear - Sheet Number: SP-2					
7	Grind Concrete Slab	4	LF		
8	Topsoil & Seed	58	SF		
9	Clean Crack & Joint Seal	4	LF		
10	Cast-In-Place Concrete for Concrete Slab along Sidewalk	25	SF		
12	Grind Concrete Slab at Base of Steps - along Albertice Street	5	LF		
13	Foam Lift Slab - Concrete Sidewalk	1	EA		
				SUBTOTAL	

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9-16-09

Building 9					
Building Front - Sheet Number: SP-2					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Cast-In-Place Concrete for Concrete Sidewalk	25	SF		
2	Topsoil & Seed	56	SF		
3	Foam Lift Slab	1	EA		
4	Grind Concrete Slab	4	LF		
5	Topsoil & Seed - Albertice St. Side of Building 9	400	SF		
6	Clean Crack & Joint Seal	4	LF		
Building Rear - Sheet Number: SP-2					
7	Grind Concrete Slab	9	LF		
8	Clean Crack & Joint Seal	9	LF		
9	Installation of 8" dia. PVC Underdrain - Across Sidewalk of Building 9 & 10	10	LF		
11	Cast-In-Place Concrete for Sidewalk where Underdrain is Proposed	25	SF		
12	Unclog Existing Inlet	1	LS		
13	Connect 8" PVC Yard Drain to Existing Inlet	1	LS		
14	Clean Crack & Joint Seal - Sidewalk between Building 9 & 10	5	LF		
15	Grind Concrete Slab - Sidewalk between Building 9 & 10	5	LF		
1					
					SUBTOTAL
Building 10					
Building Front - Sheet Number: SP-2					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	37	SF		
2	Grind Concrete Slab - Sidewalk Steps near Mohler Street	6	LF		
3	Clean Crack & Joint Seal	6	LF		
Building Rear - Sheet Number: SP-2					
4	Grind Concrete Slab - Concrete Sidewalk	6	LF		
5	Topsoil & Seed	44	SF		
6	Clean Crack & Joint Seal	6	LF		
7	Installation of 8" dia. PVC Underdrain Pipe, include 2B Stone	30	LF		
9	Cast-In-Place Concrete for Concrete Slab Repair for Underdrain Installation	25	SF		
10	Class 1 Geotextile Material	42	SF		
11	Replace Missing Handrail	6.5	LF		
1					
					SUBTOTAL
Building 11					
Building Front - Sheet Number: SP-6					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Clean Crack & Joint Seal - Concrete Sidewalk along Ferris Court	14	LF		
Building Rear - Sheet Number: SP-6					
2	Grind Concrete Slab	5	LF		
3	Topsoil & Seed	106	SF		
5	Clean Crack & Joint Seal	5	LF		
					SUBTOTAL

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Building 13					
Building Front - Sheet Number: SP-6 and SP-7					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	50	SF		
2	Patch Repair Broken Concrete Steps with Quick Setting Cement	1	LS		
3	Replace Missing Handrail	13	LF		
4	Clean Crack & Joint Seal - Concrete Sidewalk along Ferris Court	50	LF		
Building Rear - Sheet Number: SP-6 and SP-7					
4	Clean Crack & Joint Seal - Concrete Sidewalk along Mohler Street	9	LF		
5	Topsoil & Seed / Restoration	875	SF		
7	Foam Lift Slab at back corner of Building 13	1	EA		
8	Foam Lift Steps	1	EA		
9	6" Underdrain on Building side of sidewalk to outlet to drainage channel, includes 2B Stone	170	LF		
10	Class 1 Geotextile Material	230	SF		
11	Sidewalk Restoration disturbed from Underdrain Installation - 3-5' X 5' Slabs	75	SF		
12	Replace Missing Handrail	3	LF		
13	Cast-In-Place 4' x 6' Concrete landing at Staircase	24	SF		
14	Repair spalled concrete sidewalk	1	LS		
15	Foam Level & Backfill Concrete Slab	2	EA		
16	New Fence Railing Installation	6	LF		
17	Replace Sewer Vent	1	EA		
18	Clean Existing Inlet	1	LS		
					SUBTOTAL
Building 14					
Building Front - Sheet Number: SP-7					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed	425	SF		
Building Rear - Sheet Number: SP-7					
2	Patch Repair Broken Concrete Steps with Quick Setting Cement	1	LS		
3	Topsoil & Seed	1240	SF		
					SUBTOTAL
Building 15					
Building Front - Sheet Number: SP-8					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Topsoil & Seed Front of Building and along Concrete Sidewalk	1200	SF		
Building Rear - Sheet Number: SP-8					
2	Grind Concrete Slab	3	LF		
3	Topsoil & Seed	150	SF		
5	Cast-In-Place Concrete Slab, including demolition of existing slab	60	SF		
6	Foam Lift Slab	4	EA		
7	Foam Lift Steps	1	EA		
8	Foam Lift Steps along side of Building 15	1	EA		
9	Clean Crack & Joint Seal	3	LF		
					SUBTOTAL

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Stranahan Street Buildings					
Building Front - Sheet Number: SP-9					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Foam Lift Slab	1	EA		
3	Grind Concrete Slab	4	LF		
4	Replace Concrete Steps, including demolition of existing	2	EA		
5	Topsoil & Seed	1450	SF		
Building Rear - Sheet Number: SP-9					
6	Cast-In-Place Concrete Staircase, including demolition of existing	1	LS		
7	Re-install Railing along concrete staircase	1	LS		
8	Topsoil & Seed/Restoration	80	SF		
10	Cast-In-Place Concrete Slab, including demolition of existing slab	36	SF		
12	Clean Crack, install Neoprene Expansion Material and Seal Joint at Steps in rear of larger Resident Building	1	LS		
				SUBTOTAL	
				TOTAL BASE BID =	

General Note: All Labor, Overhead and Profit are built into each individual Unit Cost. Unit Cost all comply with State Prevailing Wage Act.

REVISED
 9-16-19

DEDUCT ALTERNATE BID #1

Project: **Homewood North Housing Site Rehabilitation**

Morris Knowles & Associates, Inc.
 Consulting Engineers
 Delmont, Pennsylvania

Task Order: #48

COMPUTED BY: VLS
 CHECKED BY: MJK

Rev. DATE: 12/12/2018
 DATE: 5/24/2017

Nolan Court Parking Lot					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Mobilization	1	LS		
2	Removal and Disposal of Concrete at Driveway Entrance to a Depth of 14.5"	30	SY		
3	Heavy Duty - Placement and Compaction of 2A Stone at Driveway Entrance and Crosswalk - 8" Compacted Thickness	10	TONS		
4	Heavy Duty - Driveway Entrance - Asphalt Resurfacing - Superpave 25mm Binder Course 5" - Depth Compacted	9	TONS		
6	Removal and Disposal of Concrete along edge of curb	12	SY		
7	Along edge of curb - Asphalt Resurfacing - Superpave 25mm Binder Course 5" - Depth Compacted	3	TONS		
8	Pipe Boliard Cleaning and Painting	2	EA		
9	Soft Spot Repair to include excavation, 2A Stone, and compaction	215	SY		
10	Soft Spot Repair Asphalt Resurfacing - Superpave 25mm Binder Course 3.5" Compacted Depth	45	TONS		
11	Asphalt Resurfacing - Superpave 9.5mm F.G. Wearing Course - 1.5" Depth	110	TONS		
12	Asphalt Milling - 1.5" Depth	950	SY		
13	Removal and Replacement of Inlet Gutter Hood	1	EA		
14	Parking Stall Line Striping and Cross Walk - White Paint	1	LS		
				SUBTOTAL	
				TOTAL DEDUCT ALTERNATE 1 BID =	

General Note: All Labor, Overhead and Profit are built into each individual Unit Cost. Unit Cost all comply with State Prevailing Wage Act.

REVISED
9-16-19

DEDUCT ALTERNATE BID #2

Project: Homewood North UFAS Renovations

**Morris Knowles & Associates, Inc.
Consulting Engineers
Delmont, Pennsylvania**

Task: Building Units Exterior Rehabilitation

COMPUTED BY: VLS
CHECKED BY: MJK

Rev. DATE: 12/12/2018
DATE: 5/24/2017

Heart Court Parking Lot					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Mobilization	1	LS		
2	Asphalt Milling - 1.5" depth	560	SY		
3	Soft Spot Repair to include excavation, 2A Stone, and compaction	60	SY		
4	Soft Spot Repair Asphalt Resurfacing - Superpave 25mm Binder Course 3.5" Compacted Depth	15	TONS		
5	Asphalt Resurfacing - Superpave 9.5mm F.G. Wearing Course - 1.5" depth	55	TONS		
6	Cast-In-Place Concrete Curb Reconstruction	25	LF		
7	Concrete Slab Replacement to include Removal and Disposal	5	SY		
8	Concrete Crack Sealing	30	LF		
9	ADA Parking and HP Symbol Line Striping - Blue Paint	1	LS		
10	Parking Stall Line Striping - White Paint	1	LS		
11	8" Underdrain with 2B Stone Backfill Construction to include inlet tap in	50	LF		
12	Nyoplast Inlet Piping - 10" Diameter with 15" X 15" Standard Grate	1	EA		
13	ADA Surface Applied Truncated Dome Replacement - 24" x 36"	2	EA		
14	Pipe Bollard Cleaning and Painting	2	EA		
15	Vegetation Removal	1	LS		
16	Oil Spot Cleaning - Concrete Surface	1	LS		
				SUBTOTAL	
TOTAL DEDUCT ALTERNATE 2 BID =					

General Note: All Labor, Overhead and Profit are built into each individual Unit Cost. Unit Cost all comply with State Prevailing Wage Act.

REVISED
9-6-19

DEDUCT ALTERNATE BID #3

Project: Homewood North Housing Site Rehabilitation

Morris Knowles & Associates, Inc.
Consulting Engineers
Delmont, Pennsylvania

Task Order: #48

COMPUTED BY: VLS
CHECKED BY: MJK

Rev. DATE: 12/12/2018
DATE: 5/24/2017

Stranahan Street Buildings Parking Lot					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Mobilization	1	LS		
2	Removal and Disposal of Concrete Ramp and Slab Landing	5	SY		
3	New Concrete Ramp and Slab Landing	5	SY		
4	Soft Spot Repair to include excavation, 2A Stone, and compaction	260	SY		
5	Soft Spot Repair Asphalt Resurfacing - Superpave 25mm Binder Course 3.5" Depth Compacted	60	TONS		
6	Asphalt Resurfacing - Superpave 9.5mm F.G. Wearing Course - 1.5" depth	60	TONS		
7	Asphalt Milling - 1.5" depth	375	SY		
8	Parking Stall Line Striping - White Paint	1	LS		
				SUBTOTAL	
TOTAL DEDUCT ALTERNATE 3 BID =					

General Note: All Labor, Overhead and Profit are built into each individual Unit Cost. Unit Cost all comply with State Prevailing Wage Act.

REVISED
9-16-17

DEDUCT ALTERNATE BID #4

Project: Homewood North Housing Site Rehabilitation

**Morris Knowles & Associates, Inc.
Consulting Engineers
Delmont, Pennsylvania**

Task Order: #48

COMPUTED BY: VLS
CHECKED BY: MJK

DATE: 3/21/2018
DATE: 5/24/2017

Ferris Court Parking Lot					
Item Number	ITEM	QUANTITY	UNIT	UNIT PRICE	ITEM PRICE
1	Mobilization	1	LS		
2	Removal and Disposal of Concrete at Driveway Entrance to a Depth of 14.5"	25	SY		
3	Heavy Duty - Placement and Compaction of 2A Stone at Driveway Entrance, Dumpster and Driveway Entrance - 8" Compacted Thck.	75	TONS		
4	Heavy Duty - - Asphalt Resurfacing - Superpave 25mm Binder Course Depth - 5" at Entrance, Dumpster and Driveway Entrance	60	TONS		
5	Pipe Bollard Cleaning and Painting	4	EA		
6	Soft Spot Repair to include excavation, 2A Stone, and compaction	110	SY		
7	Soft Spot Repair - Asphalt Resurfacing - Superpave 25mm Binder Course 3.5" Compacted Depth	25	TONS		
8	Asphalt Resurfacing - Superpave 9.5mm F.G. Wearing Course - 1.5" Depth	95	TONS		
9	Asphalt Milling - 1.5" depth	660	SY		
10	ADA Parking and HP Symbol Line Striping - Blue Paint	1	LS		
11	Parking Stall Line Striping and Cross Walk - White Paint	1	LS		
12	ADA Surface Applied Truncated Dome Replacement - 24" x 36"	1	EA		
				SUBTOTAL	
TOTAL DEDUCT ALTERNATE 4 BID =					

General Note: All Labor, Overhead and Profit are built into each Individual Unit Cost. Unit Cost all comply with State Prevailing Wage Act.

