



Hammond Estimating & Consulting

3884 Chatham Lane
 Canandaigua, NY 14424
 Phone: 585.905.0130

Email: hammonddest@rochester.rr.com

To:	Bidding Company	Contact:	
Address:	Various	Phone:	
Project Name:	Site Work Project	Fax:	
Project Location:	Various, Anywhere, PA	Bid Number:	
		Bid Date:	7/16/2014

Clarifications:

This takeoff does not include answers to RFI #1,2 or 3

Line #	Item #	Item Description	Estimated Quantity	Unit
20 - Erosion Control				
	10	Earthen Dike	2,078.00	LF
	20	Rock Construction Entrance	4,467.00	SF
	30	Jute Matting	162,449.00	SF
	40	ECP-2 Erosion Control Blanket	55,346.00	SF
	50	18" Composite Filter Sock	938.00	LF
	60	Rip Rap End Section Apron And Plunge Pool @ 18" Depth	4,336.00	SF
	70	Turbidity Barrier	162.00	LF
	80	Rip Rap Inflow Protection X 8' Width	225.00	LF
	90	Skimmer Assembly	2.00	EACH
	100	Soil Media In Basins @ 18" Depth	439.00	CY
23 - Clear And Grub				
	110	Clear And Grub	10.00	ACRE
25 - Selective Demolition				
	120	Remove Sanitary Manhole	4.00	EACH
	130	Remove Sanitary Sewer	355.00	LF
	140	Remove Utility Pole	1.00	EACH
	150	Remove Storm Drain	131.00	LF
	160	Remove Drainage Structure	2.00	EACH
	170	Sawcut Asphalt Pavement	333.00	LF
27 - Structural Demolition				
	180	Remove Structure - Barn And Silos	1.00	LS
	190	Remove Structure - Maintenance Building	1.00	LS
	200	Remove Structure - Springhouse	1.00	LS
	210	Remove Structure - Farmhouse Addition	1.00	LS
30 - Site Earthwork				
	220	Strip Existing Asphalt Drives @ 4" Depth	326.00	CY
	230	Strip Existing Concrete Pads @ 8" Depth	11.00	CY
	240	Strip Topsoil @ 8" Depth	18,344.00	CY
	250	Unclassified Cut To Fill	31,746.00	CY
	260	Unclassified Cut To Waste Surplus	32,590.00	CY
	270	Replace Onsite Topsoil @ 12" Depth	18,545.00	CY
35 - Pavements				
	280	Pavement Markings	1.00	LS
	290	Asphalt Residence Driveways - INCOMPLETE	20,674.00	SF
	300	Street Pavement Subbase @ 8" Depth	75,788.00	SF
	310	Parking Lot Subbase Course @ 6" Depth	23,908.00	SF
	320	Porous Pavement Subbase Course @ 6" Depth	1,534.00	SF
	330	Street Asphalt Binder Course @ 2 1/2" Depth	75,788.00	SF

Line #	Item #	Item Description	Estimated Quantity	Unit
	340	Parking Lot Asphalt Top Course @ 2 1/2" Depth	23,908.00	SF
	350	Street Asphalt Top Course @ 1 1/2" Depth	75,788.00	SF
38 - Curbs, Walks And Pads				
	360	Concrete Curb	1,005.00	LF
	370	Concrete Sidewalk @ 4" Depth	1,213.00	SF
	380	Concrete Sidewalk Subbase @ 2" Depth	1,213.00	SF
	390	Asphalt Sidewalk Geotextile Stabilization Fabric	1,041.00	SF
	400	Brown River Gravel @ 1 1/2" Depth	1,041.00	SF
	410	Asphalt Sidewalk Subbase @ 6" Depth	1,041.00	SF
50 - Storm Drainage				
	420	15" HDPEP Storm Drain	1,469.00	LF
	430	15" RCP Storm Drain - SWMF No. 2	98.00	LF
	440	18" HDPEP Storm Drain	37.00	LF
	450	24" HDPEP Storm Drain	333.00	LF
	460	30" HDPEP Storm Drain	138.00	LF
	470	30" RCP Storm Drain - SWMF No. 1	76.00	LF
	480	36" HDPEP Storm Drain	138.00	LF
	490	42" HDPEP Storm Drain	195.00	LF
	500	15" Concrete Endwall	4.00	EACH
	510	15" Concrete Headwall	1.00	EACH
	520	24" Concrete Endwall	1.00	EACH
	530	30" Concrete Headwall	1.00	EACH
	540	30" Concrete Endwall	1.00	EACH
	550	Outlet Control Structure - PA DOT Type 4 Box	2.00	EACH
	560	Drainage Inlet - Type M	27.00	EACH
	570	Drainage Inlet - Type 4	2.00	EACH
	580	Drainage Inlet - Type 5	1.00	EACH
	590	4' Diameter Standard Storm Manhole	5.00	EACH
	600	Concrete Anti Seep Collars - 15" RCP	2.00	EACH
	610	Concrete Anti Seep Collars - 30" RCP	3.00	EACH
60 - Water Distribution				
	620	8" Gate Valve And Box	4.00	EACH
	630	8" PVC C-900 Watermain	3,080.00	LF
	640	8" X 8" Tapping Sleeve, Valve And Box	1.00	EACH
	650	Residence Water Service - Not Sized (15' From Building) - INCOMPLETE	913.00	LF
	660	Fire Hydrant Assembly (Includes 6" Gate Valve)	5.00	EACH
	670	6" DIP Hydrant Branch	35.00	LF
	680	Water Meter Pit - INCOMPLETE	1.00	EACH
	690	Residence Water Service Tap And Curb Stop - Not Sized - INCOMPLETE	40.00	EACH
	700	Waterline Bends And Fittings	15.00	EACH
70 - Sanitary Sewer				
	710	Relocate 4" Sanitary Forcemain - INCOMPLETE	288.00	LF
	720	8" PVC SDR-35 Sanitary Sewer	2,389.00	LF
	730	4" PVC SDR 35 Sanitary Lateral (10' From Building)	1,093.00	LF
	740	4' Diameter "Doghouse" Manhole	3.00	EACH
	750	4' Diameter Sanitary Manhole	22.00	EACH
	760	12" PVC SDR-35 Sanitary Sewer	299.00	LF
	770	6" PVC SDR 35 Sanitary Lateral	207.00	LF
	780	Connect Sanitary Lateral To Existing Main (Assumed Main Was 8")	2.00	EACH
	790	4" Sanitary Forcemain - INCOMPLETE	788.00	LF
	800	4" Sanitary Cleanout And Trap	40.00	EACH
	810	Sanitary Lift Station - INCOMPLETE	0.00	EACH
	820	6" PVC Sanitary Cleanout In Non Paved Areas	3.00	EACH
A100 - Fence And Gates				
	830	Timber Guardrail	548.00	LF
A110 - Site Signage				
	840	Site Signs	6.00	EACH
A120 - Landscaping				
	850	Boulder Retaining Wall With Fence Or Railing - Based On 6' Avg. Height	698.00	LF

Notes:

- All earthwork quantities are calculated in Bank Cubic Yards. A swell and/or compaction shrinkage factor has not been applied unless otherwise requested.
- Waste factors have not been applied to any materials unless otherwise requested.
- Trench quantities for foundation excavation and backfill has assumed a 2' overdig (1' on each side of the footer) width, 3' vertical and then a 1v to 1h sideslope.
- Trench quantities for utilities has assumed a 2' + pipe OD width, 3' vertical and then a 1v to 1h sideslope.
- **Default conversions used:**
 - Subbase = 2 tons per CY
 - Bedding stone = 1.7 tons per CY
 - Asphalt Tonnage= 110lbs per SY @ 1" depth / 2,000lbs
- **If for any reason** you require a different Scope of Work, different unit of measure, waste factors added, swell and shrinkage factor conversions, etc, contact me and I will format the estimate the way it best works for you.
- **If for any reason** you require additional graphics, Excel Sheets and/or an explanation of formulas to better understand how the quantities were developed please contact me.
- **Please Note:** This service provides a custom estimate of quantities meant to assist you in the preparation of your bid. It is prepared using several computer aided takeoff softwares, such as Insite, B2W and iSqFt along with our practical field experience in the Heavy / Civil Construction Industry. Every effort has been taken to avoid errors and/or omissions, but in the event that one occurs Hammond Estimating & Consulting will not be held responsible beyond the invoiced amount.

<p>ACCEPTED: The above prices, specifications and conditions are satisfactory and are hereby accepted.</p> <p>Buyer: _____</p> <p>Signature: _____</p> <p>Date of Acceptance: _____</p>	<p>CONFIRMED: Hammond Estimating & Consulting</p> <p>Authorized Signature: _____</p> <p>Estimator: JRH</p>
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3884 Chatham Lane
Canandaigua, NY 14424
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Email: hammondest@rochester.rr.com

Material Detail Report

Project Name: Site Work Project	Customer: Bidding Company
Job Number:	Billing Address: Various
Bid As: Sitework Contractor	
Estimator: JRH	Phone:
Project Address: Various, Anywhere, PA	Contact:
Completion Date:	

Pay Items

Description	Quantity	UM
20 - Rock Construction Entrance		
Rock Construction Entrance		
Geotextile Stabilization Fabric	4,467.00	SF
AASHTO #1 Stone	221.70	TON
30 - Jute Matting		
Jute Mesh Matting	162,449.00	SF
40 - ECP-2 Erosion Control Blanket		
ECP-2 Erosion Control Blanket	55,346.00	SF
50 - 18" Composite Filter Sock		
18" Composite Filter Sock	938.00	LF
2" X 2" X 3' Wooden Stakes	93.80	EACH
60 - Rip Rap End Section Apron And Plunge Pool @ 18" Depth		
R-4 Rip Rap Stone	43.00	TON
R-5 Rip Rap Stone	439.00	TON
70 - Turbidity Barrier		
Turbidity Barrier @ 10' Depth	85.00	LF
Turbidity Barrier @ 3' Depth	77.00	LF
80 - Rip Rap Inflow Protection X 8' Width		
AASHTO No. 57 Stone	50.00	TON
R-3 Rip Rap Stone	150.00	TON
90 - Skimmer Assembly		
Skimmer Assembly Complete	2.00	UNIT
100 - Soil Media In Basins @ 18" Depth		
Soil Media Material	439.00	CY

Description	Quantity	UM
300 - Street Pavement Subbase @ 8" Depth		
Street Pavement Subbase @ 8" Depth		
2A Modified Stone Base	3,761.33	TON
310 - Parking Lot Subbase Course @ 6" Depth		
Parking Lot Subbase Course @ 6" Depth		
3A Modified Stone Base	819.07	TON
320 - Porous Pavement Subbase Course @ 6" Depth		
Porous Pavement Subbase Course @ 6" Depth		
Porous Pavement Engineered Fill	49.71	TON
Geoblock Porous Pavement System	1,534.00	SF
330 - Street Asphalt Binder Course @ 2 1/2" Depth		
Street Asphalt Binder Course @ 2 1/2" Depth		
25MM Superpave Binder Course	1,157.87	TON
340 - Parking Lot Asphalt Top Course @ 2 1/2" Depth		
Parking Lot Asphalt Top Course @ 2 1/2" Depth		
9.5MM Superpave Wearing Course	0.00	TON
350 - Street Asphalt Top Course @ 1 1/2" Depth		
Asphalt Top Course @ 1.5" Depth		
9.5MM Superpave Wearing Course	694.72	TON
360 - Concrete Curb		
AASHTO No. 57 Stone	24.57	TON
3,500 PSI Concrete	37.41	CY
370 - Concrete Sidewalk @ 4" Depth		
3,000 PSI Concrete	14.83	CY
380 - Concrete Sidewalk Subbase @ 2" Depth		
AASHTO No. 57 Stone	15.27	TON
390 - Asphalt Sidewalk Geotextile Stabilization Fabric		
Geotextile Stabilization Fabric		
Geotextile Stabilization Fabric	1,041.00	SF
400 - Brown River Gravel @ 1 1/2" Depth		
Delaware Crushed #8 Brown River Gravel	9.64	TON
410 - Asphalt Sidewalk Subbase @ 6" Depth		
2A Modified Stone Base	38.56	TON
420 - 15" HDPEP Storm Drain		
15" HDPEP Storm Drain		
15" HDPE Pipe	1,469.00	LF
AASHTO 2RC Stone	690.43	TON
430 - 15" RCP Storm Drain - SWMF No. 2		
AASHTO 2RC Stone	46.06	TON

Description	Quantity	UM
<i>(Item 430 - 15" RCP Storm Drain - SWMF No. 2 continued)</i>		
15" RCP Storm Pipe	98.00	LF
4,000 PSI Concrete	33.00	CY
440 - 18" HDPEP Storm Drain		
18" HDPE Storm Drain		
18" HDPE Pipe	37.00	LF
AASHTO 2RC Stone	19.98	TON
450 - 24" HDPEP Storm Drain		
24" HDPE Storm Drain		
24" HDPE Pipe	333.00	LF
AASHTO 2RC Stone	223.11	TON
460 - 30" HDPEP Storm Drain		
30" HDPE Storm Drain		
30" HDPE Pipe	138.00	LF
AASHTO 2RC Stone	113.16	TON
470 - 30" RCP Storm Drain - SWMF No. 1		
30" RCP Storm Pipe	76.00	LF
AASHTO 2RC Stone	62.32	TON
4,000 PSI Concrete	46.00	CY
480 - 36" HDPEP Storm Drain		
36" HDPE Storm Pipe	138.00	LF
AASHTO 2RC Stone	142.14	TON
490 - 42" HDPEP Storm Drain		
42" HDPE Storm Pipe	195.00	LF
AASHTO 2RC Stone	210.60	TON
500 - 15" Concrete Endwall		
15" Precast Concrete Endwall	4.00	EACH
510 - 15" Concrete Headwall		
15" Precast Concrete Headwall	1.00	EACH
520 - 24" Concrete Endwall		
24" Precast Concrete Endwall	1.00	EACH
530 - 30" Concrete Headwall		
30" Precast Concrete Headwall	1.00	EACH
540 - 30" Concrete Endwall		
30" Precast Concrete Endwall	1.00	EACH
550 - Outlet Control Structure - PA DOT Type 4 Box		
PADOT Type 4 Inlet Box	2.00	EACH
Trash Rack / Riser Extension	2.00	EACH
560 - Drainage Inlet - Type M		
Precast Concrete Type M Inlet	27.00	EACH

Description	Quantity	UM
<i>(Item 560 - Drainage Inlet - Type M continued)</i>		
✂ 2' X 4' Type M Frame And Grate	27.00	EACH
✂ AASHTO No. 57 Stone	54.00	TON
570 - Drainage Inlet - Type 4		
✂ PADOT Type 4 Inlet Box	2.00	EACH
✂ PADOT Type 4 Frame And Grate	2.00	EACH
580 - Drainage Inlet - Type 5		
✂ Precast Concrete Type 5 Inlet Box	1.00	EACH
✂ PADOT Type 5 Frame And Grate	1.00	EACH
✂ AASHTO No. 57 Stone	2.00	TON
590 - 4' Diameter Standard Storm Manhole		
Ⓧ 4' Diameter Storm Manhole		
✂ 4' Diameter Precast Storm Manhole	5.00	EACH
✂ 4,000 PSI Concrete	1.50	CY
✂ AASHTO No. 57 Stone	10.00	TON
✂ 24" Round "Storm" Frame And Cover	5.00	EACH
600 - Concrete Anti Seep Collars - 15" RCP		
✂ 3,000 PSI Concrete	0.56	CY
610 - Concrete Anti Seep Collars - 30" RCP		
✂ 3,000 PSI Concrete	0.72	CY
620 - 8" Gate Valve And Box		
Ⓧ 8" Gate Valve And Box		
✂ 8" Gate Valve And Box	4.00	EACH
630 - 8" PVC C-900 Watermain		
Ⓧ 8" PVC C-900 Watermain		
✂ 8" PVC C-900 Water Pipe	3,080.00	LF
✂ 2A Course Aggregate	646.80	TON
640 - 8" X 8" Tapping Sleeve, Valve And Box		
✂ 8" X 8" Tapping Sleeve, Valve And Box	1.00	EACH
650 - Residence Water Service - Not Sized (15' From Building) - INCOMPLETE		
Ⓧ 1/2" PE Water Service		
✂ Cushion Sand	109.56	TON
✂ 1/2" PE Water Service Pipe	913.00	LF
660 - Fire Hydrant Assembly (Includes 6" Gate Valve)		
✂ 6" X 12" Anchor Pipe	5.00	EACH
✂ Fire Hydrant Assembly	5.00	EACH
✂ 3,500 PSI Thrust Block Concrete	2.50	CY
670 - 6" DIP Hydrant Branch		
✂ 2A Course Aggregate	7.35	TON
✂ 6" DIP CL 51 Water Pipe	35.00	LF

Description	Quantity	UM
700 - Waterline Bends And Fittings		
✂ 8" DIP 22.5 Degree Bend	2.00	EACH
✂ 8" X 6" DIP Anchor Tee	5.00	EACH
✂ 8" DIP 11.25 Degree Bend	7.00	EACH
✂ 8" DIP Tee	1.00	EACH
✂ 8" X 6" DIP Reducer	1.00	EACH
✂ 3,500 PSI Thrust Block Concrete	11.25	CY
710 - Relocate 4" Sanitary Forcemain - INCOMPLETE		
✂ #1 & 2 Bedding Stone	63.36	TON
✂ 4" PVC SDR 21 Pipe	288.00	LF
✂ 4" PVC SDR 21 45 Degree Bend	34.00	EACH
720 - 8" PVC SDR-35 Sanitary Sewer		
✂ 8" PVC SDR 35 Pipe	2,389.00	LF
✂ AASHTO No. 57 Stone	788.37	TON
730 - 4" PVC SDR 35 Sanitary Lateral (10' From Building)		
✂ 4" PVC SDR 35 Pipe	1,093.00	LF
✂ 4" PVC 45 Degree Bend	40.00	EACH
✂ 8" X 4" PVC Wye	35.00	EACH
✂ AASHTO No. 57 Stone	306.04	TON
740 - 4' Diameter "Doghouse" Manhole		
✂ 4' Diameter "Doghouse" Sanitary Manhole	3.00	EACH
✂ 24" Round "Sanitary" Frame And Cover	3.00	EACH
✂ 8" X 16" Solid Concrete Block	15.00	EACH
✂ 4,000 PSI Concrete	3.00	CY
750 - 4' Diameter Sanitary Manhole		
Ⓧ 4' Diameter Sanitary Manhole		
✂ 4' Diameter Precast Sanitary Manhole	22.00	EACH
✂ 24" Round "Sanitary" Frame And Cover	22.00	EACH
✂ Precast 24" X 3" Grade Rings	44.00	EACH
✂ AASHTO No. 57 Stone	44.00	TON
760 - 12" PVC SDR-35 Sanitary Sewer		
✂ 12" PVC SDR 35 Pipe	299.00	LF
✂ AASHTO No. 57 Stone	77.74	TON
770 - 6" PVC SDR 35 Sanitary Lateral		
✂ 6" PVC SDR 35 Pipe	207.00	LF
✂ 6" X 4" PVC Wye	4.00	EACH
✂ 6" PVC 45 Degree Bend	6.00	EACH
✂ AASHTO No. 57 Stone	68.31	TON
780 - Connect Sanitary Lateral To Existing Main (Assumed Main Was 8")		
✂ 8" X 4" PVC Saddle Wye	2.00	EACH
800 - 4" Sanitary Cleanout And Trap		
✂ 3,000 PSI Concrete	10.00	CY

Description	Quantity	UM
<i>(Item 800 - 4" Sanitary Cleanout And Tran continued)</i>		
✂ 4" Cast Iron Cleanout Cap And Plug	80.00	EACH
✂ 4" PVC SDR 35 Pipe	640.00	LF
✂ 4" PVC Wye	80.00	EACH
✂ 4" PVC 45 Degree Bend	80.00	EACH
✂ 4" PVC 90 Degree Bend	120.00	EACH
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810 - Sanitary Lift Station - INCOMPLETE		
Ⓧ 4' Diameter Sanitary Manhole		
✂ 4' Diameter Precast Sanitary Manhole	0.00	EACH
✂ #1 & 2 Bedding Stone	0.00	TON
✂ 24" Round "Sanitary" Frame And Cover	0.00	EACH
Ⓧ Set Pumps, Internal Piping And Hatch		
✂ Duplex Ejector Pumps, Rails And Internal Piping	0.00	LS
<hr/>		
820 - 6" PVC Sanitary Cleanout In Non Paved Areas		
Ⓧ 6" PVC Sanitary Cleanout In Non Paved Areas		
✂ 6" PVC Wye	3.00	EACH
✂ 6" PVC 45 Degree Bend	3.00	EACH
✂ 6" SCH 40 PVC Pipe	30.00	LF
✂ 6" PVC Cap And Plug	3.00	EACH
✂ AASHTO No. 57 Stone	3.00	TON
<hr/>		
850 - Boulder Retaining Wall With Fence Or Railing - Based On 6' Avg. Height		
✂ Geotextile Filter Fabric	118.66	SF
✂ 4" HDPE Underdrain In Filter Sock	698.00	LF
✂ AASHTO No. 57 Stone	878.96	TON
✂ 2' X 3' X 1.5' Boulder	1,409.00	EACH

Summary

Description	Quantity	UM
#1 & 2 Bedding Stone	63.36	TON
1/2" PE Water Service Pipe	913.00	LF
12" PVC SDR 35 Pipe	299.00	LF
15" HDPE Pipe	1,469.00	LF
15" Precast Concrete Endwall	4.00	EACH
15" Precast Concrete Headwall	1.00	EACH
15" RCP Storm Pipe	98.00	LF
18" Composite Filter Sock	938.00	LF
18" HDPE Pipe	37.00	LF
2" X 2" X 3' Wooden Stakes	93.80	EACH
2' X 3' X 1.5' Boulder	1,409.00	EACH
2' X 4' Type M Frame And Grate	27.00	EACH
24" HDPE Pipe	333.00	LF
24" Precast Concrete Endwall	1.00	EACH
24" Round "Sanitary" Frame And Cover	25.00	EACH
24" Round "Storm" Frame And Cover	5.00	EACH
25MM Superpave Binder Corse	1,157.87	TON
2A Course Aggregate	654.15	TON
2A Modified Stone Base	3,799.88	TON
3,000 PSI Concrete	26.11	CY
3,500 PSI Concrete	37.41	CY
3,500 PSI Thrust Block Concrete	13.75	CY
30" HDPE Pipe	138.00	LF
30" Precast Concrete Endwall	1.00	EACH
30" Precast Concrete Headwall	1.00	EACH
30" RCP Storm Pipe	76.00	LF
36" HDPE Storm Pipe	138.00	LF
3A Modified Stone Base	819.07	TON
4" Cast Iron Cleanout Cap And Plug	80.00	EACH
4" HDPE Underdrain In Filter Sock	698.00	LF
4" PVC 45 Degree Bend	120.00	EACH
4" PVC 90 Degree Bend	120.00	EACH
4" PVC SDR 21 45 Degree Bend	34.00	EACH
4" PVC SDR 21 Pipe	288.00	LF
4" PVC SDR 35 Pipe	1,733.00	LF
4" PVC Wye	80.00	EACH
4' Diameter "Doghouse" Sanitary Manhole	3.00	EACH
4' Diameter Precast Sanitary Manhole	22.00	EACH
4' Diameter Precast Storm Manhole	5.00	EACH
4,000 PSI Concrete	83.50	CY
42" HDPE Storm Pipe	195.00	LF
6" DIP CL 51 Water Pipe	35.00	LF
6" PVC 45 Degree Bend	9.00	EACH
6" PVC Cap And Plug	3.00	EACH
6" PVC SDR 35 Pipe	207.00	LF
6" PVC Wye	3.00	EACH
6" SCH 40 PVC Pipe	30.00	LF
6" X 12" Anchor Pipe	5.00	EACH

Description	Quantity	UM
6" X 4" PVC Wye	4.00	EACH
8" DIP 11.25 Degree Bend	7.00	EACH
8" DIP 22.5 Degree Bend	2.00	EACH
8" DIP Tee	1.00	EACH
8" Gate Valve And Box	4.00	EACH
8" PVC C-900 Water Pipe	3,080.00	LF
8" PVC SDR 35 Pipe	2,389.00	LF
8" X 16" Solid Concrete Block	15.00	EACH
8" X 4" PVC Saddle Wye	2.00	EACH
8" X 4" PVC Wye	35.00	EACH
8" X 6" DIP Anchor Tee	5.00	EACH
8" X 6" DIP Reducer	1.00	EACH
8" X 8" Tapping Sleeve, Valve And Box	1.00	EACH
9.5MM Superpave Wearing Course	694.72	TON
AASHTO #1 Stone	221.70	TON
AASHTO 2RC Stone	1,507.80	TON
AASHTO No. 57 Stone	2,322.26	TON
Cushion Sand	109.56	TON
Delaware Crushed #8 Brown River Gravel	9.64	TON
Duplex Ejector Pumps, Rails And Internal Piping	0.00	LS
ECP-2 Erosion Control Blanket	55,346.00	SF
Fire Hydrant Assembly	5.00	EACH
Geoblock Porous Pavement System	1,534.00	SF
Geotextile Filter Fabric	118.66	SF
Geotextile Stabilization Fabric	5,508.00	SF
Jute Mesh Matting	162,449.00	SF
PADOT Type 4 Frame And Grate	2.00	EACH
PADOT Type 4 Inlet Box	4.00	EACH
PADOT Type 5 Frame And Grate	1.00	EACH
Porous Pavement Engineered Fill	49.71	TON
Precast 24" X 3" Grade Rings	44.00	EACH
Precast Concrete Type 5 Inlet Box	1.00	EACH
Precast Concrete Type M Inlet	27.00	EACH
R-3 Rip Rap Stone	150.00	TON
R-4 Rip Rap Stone	43.00	TON
R-5 Rip Rap Stone	439.00	TON
Skimmer Assembly Complete	2.00	UNIT
Soil Media Material	439.00	CY
Trash Rack / Riser Extension	2.00	EACH
Turbidity Barrier @ 10' Depth	85.00	LF
Turbidity Barrier @ 3' Depth	77.00	LF



Hammond Estimating & Consulting

3884 Chatham Lane
 Canandaigua, NY 14424
 Phone: 585.905.0130

Email: hammondest@rochester.rr.com

Material Summary

Project Name: Site Work Project	Customer: Bidding Company
Job Number:	Billing Address: Various
Bid As: Sitework Contractor	
Estimator: JRH	Phone:
Project Address: Various, Anywhere, PA	Contact:
Completion Date:	

Material

Material Type	Manufacturer Part #	Total Quantity With Waste	UM	Average Unit Cost	Total Cost
Aggregates				\$0.00	\$0.00
#1 & 2 Bedding Stone		63.36	TON	\$0.00	\$0.00
2' X 3' X 1.5' Boulder		1,409.00	EACH	\$0.00	\$0.00
2A Course Aggregate		654.15	TON	\$0.00	\$0.00
2A Modified Stone Base		3,799.88	TON	\$0.00	\$0.00
3A Modified Stone Base		819.07	TON	\$0.00	\$0.00
AASHTO #1 Stone		221.70	TON	\$0.00	\$0.00
AASHTO 2RC Stone		1,507.80	TON	\$0.00	\$0.00
AASHTO No. 57 Stone		2,322.26	TON	\$0.00	\$0.00
Cushion Sand		109.56	TON	\$0.00	\$0.00
Delaware Crushed #8 Brown River Gravel		9.64	TON	\$0.00	\$0.00
Porous Pavement Engineered Fill		49.71	TON	\$0.00	\$0.00
R-3 Rip Rap Stone		150.00	TON	\$0.00	\$0.00
R-4 Rip Rap Stone		43.00	TON	\$0.00	\$0.00
R-5 Rip Rap Stone		439.00	TON	\$0.00	\$0.00
Soil Media Material		439.00	CY	\$0.00	\$0.00
Asphalt				\$0.00	\$0.00
25MM Superpave Binder Corse		1,157.87	TON	\$0.00	\$0.00
9.5MM Superpave Wearing Course		694.72	TON	\$0.00	\$0.00
Concrete				\$0.00	\$0.00
3,000 PSI Concrete		26.11	CY	\$0.00	\$0.00
3,500 PSI Concrete		37.41	CY	\$0.00	\$0.00
3,500 PSI Thrust Block Concrete		13.75	CY	\$0.00	\$0.00
4,000 PSI Concrete		83.50	CY	\$0.00	\$0.00
8" X 16" Solid Concrete Block		15.00	EACH	\$0.00	\$0.00
Erosion				\$0.00	\$0.00
18" Composite Filter Sock		938.00	LF	\$0.00	\$0.00
2" X 2" X 3' Wooden Stakes		93.80	EACH	\$0.00	\$0.00
ECP-2 Erosion Control Blanket		55,346.00	SF	\$0.00	\$0.00
Jute Mesh Matting		162,449.00	SF	\$0.00	\$0.00
Skimmer Assembly Complete		2.00	UNIT	\$0.00	\$0.00

Note: Material components contained within item or tasks with zero quantity are excluded from this report.

Material Type	Manufacturer Part #	Total Quantity With Waste	UM	Average Unit Cost	Total Cost
Erosion (continued)					
Turbidity Barrier @ 10' Depth		85.00	LF	\$0.00	\$0.00
Turbidity Barrier @ 3' Depth		77.00	LF	\$0.00	\$0.00
Fabrics				\$0.00	\$0.00
2' X 4' Type M Frame And Grate		27.00	EACH	\$0.00	\$0.00
Geoblock Porous Pavement System		1,534.00	SF	\$0.00	\$0.00
Geotextile Filter Fabric		118.66	SF	\$0.00	\$0.00
Geotextile Stabilization Fabric		5,508.00	SF	\$0.00	\$0.00
Frame & Cover				\$0.00	\$0.00
24" Round "Sanitary" Frame And Cover		25.00	EACH	\$0.00	\$0.00
24" Round "Storm" Frame And Cover		5.00	EACH	\$0.00	\$0.00
PADOT Type 4 Frame And Grate		2.00	EACH	\$0.00	\$0.00
PADOT Type 5 Frame And Grate		1.00	EACH	\$0.00	\$0.00
Trash Rack / Riser Extension		2.00	EACH	\$0.00	\$0.00
Pipe Fittings				\$0.00	\$0.00
4" Cast Iron Cleanout Cap And Plug		80.00	EACH	\$0.00	\$0.00
4" PVC 45 Degree Bend		120.00	EACH	\$0.00	\$0.00
4" PVC 90 Degree Bend		120.00	EACH	\$0.00	\$0.00
4" PVC SDR 21 45 Degree Bend		34.00	EACH	\$0.00	\$0.00
4" PVC Wye		80.00	EACH	\$0.00	\$0.00
6" PVC 45 Degree Bend		9.00	EACH	\$0.00	\$0.00
6" PVC Cap And Plug		3.00	EACH	\$0.00	\$0.00
6" PVC Wye		3.00	EACH	\$0.00	\$0.00
6" SCH 40 PVC Pipe		30.00	LF	\$0.00	\$0.00
6" X 12" Anchor Pipe		5.00	EACH	\$0.00	\$0.00
6" X 4" PVC Wye		4.00	EACH	\$0.00	\$0.00
8" DIP 11.25 Degree Bend		7.00	EACH	\$0.00	\$0.00
8" DIP 22.5 Degree Bend		2.00	EACH	\$0.00	\$0.00
8" DIP Tee		1.00	EACH	\$0.00	\$0.00
8" X 4" PVC Saddle Wye		2.00	EACH	\$0.00	\$0.00
8" X 4" PVC Wye		35.00	EACH	\$0.00	\$0.00
8" X 6" DIP Anchor Tee		5.00	EACH	\$0.00	\$0.00
8" X 6" DIP Reducer		1.00	EACH	\$0.00	\$0.00
Pipe				\$0.00	\$0.00
1/2" PE Water Service Pipe		913.00	LF	\$0.00	\$0.00
12" PVC SDR 35 Pipe		299.00	LF	\$0.00	\$0.00
15" HDPE Pipe		1,469.00	LF	\$0.00	\$0.00
15" RCP Storm Pipe		98.00	LF	\$0.00	\$0.00
18" HDPE Pipe		37.00	LF	\$0.00	\$0.00
24" HDPE Pipe		333.00	LF	\$0.00	\$0.00
30" HDPE Pipe		138.00	LF	\$0.00	\$0.00
30" RCP Storm Pipe		76.00	LF	\$0.00	\$0.00
36" HDPE Storm Pipe		138.00	LF	\$0.00	\$0.00
4" HDPE Underdrain In Filter Sock		698.00	LF	\$0.00	\$0.00
4" PVC SDR 21 Pipe		288.00	LF	\$0.00	\$0.00
4" PVC SDR 35 Pipe		1,733.00	LF	\$0.00	\$0.00
42" HDPE Storm Pipe		195.00	LF	\$0.00	\$0.00
6" DIP CL 51 Water Pipe		35.00	LF	\$0.00	\$0.00
6" PVC SDR 35 Pipe		207.00	LF	\$0.00	\$0.00
8" PVC C-900 Water Pipe		3,080.00	LF	\$0.00	\$0.00
8" PVC SDR 35 Pipe		2,389.00	LF	\$0.00	\$0.00
Precast Structures				\$0.00	\$0.00

Material Type	Manufacturer Part #	Total Quantity With Waste	UM	Average Unit Cost	Total Cost
Precast Structures				\$0.00	\$0.00
15" Precast Concrete Endwall		4.00	EACH	\$0.00	\$0.00
15" Precast Concrete Headwall		1.00	EACH	\$0.00	\$0.00
24" Precast Concrete Endwall		1.00	EACH	\$0.00	\$0.00
30" Precast Concrete Endwall		1.00	EACH	\$0.00	\$0.00
30" Precast Concrete Headwall		1.00	EACH	\$0.00	\$0.00
4' Diameter "Doghouse" Sanitary Manhole		3.00	EACH	\$0.00	\$0.00
4' Diameter Precast Sanitary Manhole		22.00	EACH	\$0.00	\$0.00
4' Diameter Precast Storm Manhole		5.00	EACH	\$0.00	\$0.00
PADOT Type 4 Inlet Box		4.00	EACH	\$0.00	\$0.00
Precast 24" X 3" Grade Rings		44.00	EACH	\$0.00	\$0.00
Precast Concrete Type 5 Inlet Box		1.00	EACH	\$0.00	\$0.00
Precast Concrete Type M Inlet		27.00	EACH	\$0.00	\$0.00
Valves				\$0.00	\$0.00
8" Gate Valve And Box		4.00	EACH	\$0.00	\$0.00
8" X 8" Tapping Sleeve, Valve And Box		1.00	EACH	\$0.00	\$0.00
Fire Hydrant Assembly		5.00	EACH	\$0.00	\$0.00