

BOYERTOWN AREA SCHOOL DISTRICT
Boyertown, Pennsylvania
www.boyertownasd.org

Facilities Committee Meeting

November 21, 2017
6:30 p.m.
Education Center - Board Room

Agenda

1. Call to Order
2. Pledge of Allegiance/Moment of Silence
3. Presentation/Discussion
 - BASH Change Orders Update
 - Elementary HVAC Contract (11/28 Action)
 - Capital Projects Update
 - Floor Scrubbers (11/28)
 - EES Waste Water Treatment (11/28)
 - Band Uniforms (11/28)
 - Building Operations Uniforms
4. Committee Comment
5. Public Comment Period
6. Announcements:
7. Adjournment

Please note: This agenda is subject to change. Changes can occur up until the start of the meeting.



H. M. Heisey Mechanical, Ltd.

INDUSTRIAL MECHANICAL CONTRACTOR

Fidevia
750 Lititz Pike
Lititz, PA. 17543

August 16th, 2017

Attn: Mr. James Miller

Re: Boyertown Elementary School Project.
Additional Cassette Change Order Request

Dear Mr. Miller;

Heisey Mechanical offers the following proposal for your consideration to add an additional York Cassette at the Washington Elementary School. The costs of this change are as follows;

GSM Roofing	\$1,632.00
Pagoda Electric	\$2,250.00
OCC	\$2,839.00
York	<u>\$5,335.00</u>
Sub-Total Non-taxable	\$12,056.00

Pipe, valves, fitting, insulation etc.	\$562.00
Inline Fan	\$175.00
Ducting & Filter Box	\$291.00
Insulation	\$110.00
OA Intake w/curb	<u>\$260.00</u>
Sub-Total	\$1,398.00
6% Sales Tax	<u>\$83.88</u>
Total Material	\$1,481.88

16 hours @ \$81.78 SM	\$1,308.48
32 hours @ \$87.83 Pipe	<u>\$2,810.56</u>
Total Labor	\$4,119.04

Sub-Total	\$17,656.92
10% Profit	<u>\$1,765.69</u>
Total this change	\$19,422.61

Respectfully Submitted;

Jeffrey E. Frey



H. M. Heisey Mechanical, Ltd.

INDUSTRIAL MECHANICAL CONTRACTOR

Fidevia
750 Lititz Pike
Lititz, PA. 17543

November 9th 2017

Attn: Mr. James Miller

Re: Boyertown Elementary School Project.
4 Ton RTU Change Order Request

Dear Mr. Miller;

Heisey Mechanical offers the following proposal for your consideration to the existing 4 Ton RTU at the Washington Elementary School. The costs of this change are as follows;

Pagoda Electric	\$2,250.00
OCC	\$4,030.00
Crane	\$2,400.00
Trane/York	<u>\$6,440.00</u>
Sub-Total Non-taxable	\$15,120.00

Ducting	\$500.00
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56 hours @ \$81.78 SM	\$4,579.00
Truck Charge & Mileage	<u>\$475.00</u>
Sub-Total	\$20,674.00
10% Profit	<u>\$2,067.00</u>
Total this change	\$22,741.00

Respectfully Submitted;

Jeffrey E. Frey

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING			2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
	EST. COST	Proposed	Projected	Projected	Projected	Projected	Projected	
BOYERTOWN AREA SENIOR HIGH SCHOOL								
PLANCON SUBMITTED RENOVATIONS AND ADDITIONS								
ADDITION AND RENOVATIONS TO UPGRADE PHYSICAL PLANT CONDITIONS AND PROVIDE 9-12 GRADE EDUCATION	C	56,011,156						GENERAL OBLIGATION BONDS (FIXED RATE) AND NOTES (VARIABLE RATE) UTILIZING WRAP AROUND DEBT
MONROE ST. EXTENSION TO MONTGOMERY AVE AND INTERSECTION RENOVATION AT MONTGOMERY, READING, AND HENRY AVENUES		1,573,401						GENERAL OBLIGATION BONDS (FIXED RATE) UTILIZING WRAP AROUND DEBT
CONTINGENCY REMAINING		2,415,443						
TOTAL		60,000,000						
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Stadium Caulking	W	14,000	2,000	4,000	4,000	4,000		FUND 31 - CAPITAL PROJECTS
Stadium Fence-Partial Replacement		15,000		5,000	5,000	5,000		FUND 31 - CAPITAL PROJECTS
Memorial Stadium Brick Repair		20,000		10,000	10,000			FUND 31 - CAPITAL PROJECTS
Stadium Repairs		100,000		25,000	25,000	25,000	25,000	FUND 31 - CAPITAL PROJECTS
FCS Classroom (kitchen) Paint Cabinets and new countertops		5,000		5,000				FUND 31 - CAPITAL PROJECTS
Black out screens for science classrooms		5,000			5,000			FUND 31 - CAPITAL PROJECTS
Classroom blinds		20,000		20,000				FUND 31 - CAPITAL PROJECTS
SGI Privacy Blinds		15,000	15,000					FUND 31 - CAPITAL PROJECTS
Cafeteria Blinds		30,000		30,000				FUND 31 - CAPITAL PROJECTS
School Counseling Office Storefront		5,750	5,750					FUND 31 - CAPITAL PROJECTS
RO system for Kitchen water		8,000		8,000				FUND 31 - CAPITAL PROJECTS
Deep Tine Core Machine		28,000			28,000			FUND 31 - CAPITAL PROJECTS
Scrubber		12,000	12,000					FUND 31 - CAPITAL PROJECTS
Dump Truck Replacement With Plow		50,000				50,000		FUND 31 - CAPITAL PROJECTS
Snow Blower for Front Runner		10,000		10,000				FUND 31 - CAPITAL PROJECTS
Mower 60" Zero Turn With Bagger		9,000			9,000			FUND 31 - CAPITAL PROJECTS
Boom Sprayer		3,000	3,000					FUND 31 - CAPITAL PROJECTS
Top Dresser		15,000		15,000				FUND 31 - CAPITAL PROJECTS
4 X 4 Utility With Plow		12,000	12,000					FUND 31 - CAPITAL PROJECTS
Band Uniforms		96,000	96,000					FUND 31 - CAPITAL PROJECTS
Sousaphone (6 @ \$7,559.00 each)		45,354		45,354				FUND 31 - CAPITAL PROJECTS
TV Studio Upgrade & AUD Cable Runs Studio / District TV		47,185	47,185					FUND 31 - CAPITAL PROJECTS

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING		EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
			Proposed	Projected	Projected	Projected	Projected	
Automatic Paper cutter (STEM)		10,999		10,999				FUND 31 - CAPITAL PROJECTS
BASH Total		576,288	192,935	188,353	86,000	84,000	25,000	

JUNIOR HIGH WEST CENTER								
PLANCON SUBMITTED RENOVATIONS AND ADDITIONS								
4 CLASSROOM ADDITION AND RENOVATIONS TO UPGRADE PHYSICAL PLANT CONDITIONS	W	21,000,000						GENERAL OBLIGATION BONDS (FIXED RATE) UTILIZING WRAP AROUND DEBT
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Cameras		10,000	2,500	2,500	2,500	2,500	2,500	FUND 31 - CAPITAL PROJECTS
Garage Roof Repair		10,000		10,000				FUND 31 - CAPITAL PROJECTS
Floor Scrubber		9,000	9,000					FUND 31 - CAPITAL PROJECTS
Marquee		9,000			9,000			FUND 31 - CAPITAL PROJECTS
Digital Pianos (2)		5,280	5,280					FUND 31 - CAPITAL PROJECTS
Tubas (2)		6,000	6,000					FUND 31 - CAPITAL PROJECTS
JHW Total		49,280	22,780	12,500	11,500	2,500	2,500	

JUNIOR HIGH EAST CENTER								
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Sewer system upgrade		100,000		100,000				FUND 31 - CAPITAL PROJECTS
Sewer system pump area renovation (safety)		7,000	7,000					
Rework Track and Field Area	W	5,000	5,000					FUND 31 - CAPITAL PROJECTS
Stage Rigging Replacement		25,000				25,000		FUND 31 - CAPITAL PROJECTS
Camera System Upgrade	W	25,000	5,000	5,000	5,000	5,000	5,000	FUND 31 - CAPITAL PROJECTS
Outdoor Sign		11,000		11,000				FUND 31 - CAPITAL PROJECTS
Floor Scrubber		9,000	9,000					FUND 31 - CAPITAL PROJECTS
Auditorium Fireproof Curtain/Replace	W	12,000			12,000			FUND 31 - CAPITAL PROJECTS
Blacktop Repair	W	20,000	4,000	4,000	4,000	4,000	4,000	FUND 31 - CAPITAL PROJECTS
Mower Zero Turn 72"		12,400		12,400				FUND 31 - CAPITAL PROJECTS

**BOYERTOWN AREA SCHOOL DISTRICT
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2018 through 2023**

BUILDING		EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
			Proposed	Projected	Projected	Projected	Projected	
Truck to replace existing will not pass inspection		25,000	25,000					FUND 31 - CAPITAL PROJECTS
Chiller flash tank sensor is bad		5,000	5,000					FUND 31 - CAPITAL PROJECTS
Dead trees on property to be removed		5,000	5,000					FUND 31 - CAPITAL PROJECTS
Projector replacement (annual)		12,000	2,400	2,400	2,400	2,400	2,400	FUND 31 - CAPITAL PROJECTS
Gym scoreboard		5,000	5,000					FUND 31 - CAPITAL PROJECTS
JHE Total		278,400	72,400	134,800	23,400	36,400	11,400	

WASHINGTON ELEMENTARY								
HVAC	C	635,794						Heisey Mechanical
Multi-Purpose Room	C	139,628						CM3 Building Solutions
HVAC TOTAL		775,422						
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Roof		300,000			50,000	250,000		FUND 31 - CAPITAL PROJECTS
Building Exterior/Roof		200,000			25,000	25,000	150,000	FUND 31 - CAPITAL PROJECTS
Re-key old section of building		3,000	3,000					FUND 31 - CAPITAL PROJECTS
Repair sunken sidewalk		10,000					10,000	FUND 31 - CAPITAL PROJECTS
Garage Roof Replacement		25,000		25,000				FUND 31 - CAPITAL PROJECTS
Old Bldg-Window Panel Replace	W	100,000	25,000	25,000	25,000	25,000		FUND 31 - CAPITAL PROJECTS
Zero Turn Mower		12,000		12,000				FUND 31 - CAPITAL PROJECTS
Water Softener (none there)	W	10,000	10,000					FUND 31 - CAPITAL PROJECTS
RTUs Replacement Office Old office, Library, Art		100,000	100,000					FUND 31 - CAPITAL PROJECTS
Classroom carpet removal		14,000	7,000	7,000				FUND 31 - CAPITAL PROJECTS
Scrubber 24"		9,000	9,000					FUND 31 - CAPITAL PROJECTS
WES Total		783,000	154,000	69,000	100,000	300,000	160,000	

BOYERTOWN ELEMENTARY								
CAPITAL PROJECTS - REPAIR & MAINTENANCE								

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING	EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
		Proposed	Projected	Projected	Projected	Projected	
Dishwasher upgrade & remove HW tank	46,000	46,000					FUND 31 - CAPITAL PROJECTS
Building Exterior/Paving	200,000					200,000	FUND 31 - CAPITAL PROJECTS
Library Carpet Replacement	18,000			18,000			FUND 31 - CAPITAL PROJECTS
Replace Emergency Generator	35,000				35,000		FUND 31 - CAPITAL PROJECTS
Replace clock system/generator	6,000	6,000					FUND 31 - CAPITAL PROJECTS
Classroom Univents & Controls	400,000	100,000	100,000	100,000	100,000		FUND 31 - CAPITAL PROJECTS
Roof Repair & Drains	25,000		25,000				FUND 31 - CAPITAL PROJECTS
Front Sidewalk	30,000	30,000					FUND 31 - CAPITAL PROJECTS
New Tractor	25,000			25,000			FUND 31 - CAPITAL PROJECTS
Courtyard Windows	35,000		5,000	5,000	5,000	20,000	FUND 31 - CAPITAL PROJECTS
Lunch Tables	16,000	2,000	3,000	3,000	3,000	5,000	FUND 31 - CAPITAL PROJECTS
Pavement crack filling	10,000	10,000					FUND 31 - CAPITAL PROJECTS
BES Total	846,000	194,000	133,000	151,000	143,000	225,000	

<u>PINE FORGE ELEMENTARY</u>							
HVAC/Electrical upgrade - OPTION 5 (Based on alternate bid not accepted 4/11/17)	?	641,618					
Multi-Purpose Room	C	139,628					CM3 Building Solutions
HVAC TOTAL	?	781,246					
CAPITAL PROJECTS - REPAIR & MAINTENANCE							
Roof repair and recoat		200,000			200,000		FUND 31 - CAPITAL PROJECTS
Lunch tables		8,500	2,000	2,000	2,500		FUND 31 - CAPITAL PROJECTS
Replace Front Windows/Dryvit		200,000		200,000			FUND 31 - CAPITAL PROJECTS
Window Panel Replacement		86,000	20,000	20,000	20,000	6,000	FUND 31 - CAPITAL PROJECTS
Fire Alarm System Upgrade		10,000				10,000	FUND 31 - CAPITAL PROJECTS
Security System Upgrade		10,000			10,000		FUND 31 - CAPITAL PROJECTS
Piping in pump tank		30,000				30,000	FUND 31 - CAPITAL PROJECTS
Repoint around building		10,000	5,000	5,000			FUND 31 - CAPITAL PROJECTS
New Shed 10 X 18		6,000		6,000			FUND 31 - CAPITAL PROJECTS
Window screen repair		5,000		5,000			FUND 31 - CAPITAL PROJECTS
Electric upgrade		200,000				200,000	

**BOYERTOWN AREA SCHOOL DISTRICT
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2018 through 2023**

BUILDING		EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
			Proposed	Projected	Projected	Projected	Projected	
PFES Total		765,500	27,000	33,000	227,000	232,500	246,000	

<u>COLEBROOKDALE ELEMENTARY</u>								
PLANCON SUBMITTED RENOVATIONS AND ADDITIONS								
ADDITION TO DOUBLE CAPACITY AND RENOVATIONS TO UPGRADE PHYSICAL PLANT CONDITIONS	?	15,000,000						FUTURE OF PROJECT AND REQUIRED FUNDING NOT YET DETERMINED
HVAC	C	635,794						Heisey Mechanical
Multi-Purpose Room	C	139,628						CM3 Building Solutions
HVAC TOTAL		775,422						
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Floor Tile Replacement		40,000		10,000	10,000	10,000	10,000	FUND 31 - CAPITAL PROJECTS
Café Windows		20,000		20,000				FUND 31 - CAPITAL PROJECTS
Shed		5,000			5,000			FUND 31 - CAPITAL PROJECTS
Outside soffit		30,000	30,000					FUND 31 - CAPITAL PROJECTS
Keying building		5,000	5,000					FUND 31 - CAPITAL PROJECTS
CES Total		100,000	35,000	30,000	15,000	10,000	10,000	

<u>GILBERTSVILLE ELEMENTARY</u>								
HVAC through GESA	C	2,863,682						HVAC Added as part of District-Wide Guaranteed Energy Savings (GESA) Cost includes lighting upgrades at 8 buildings
HVAC TOTAL	C	2,863,682						
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Roof		75,000		75,000				FUND 31 - CAPITAL PROJECTS
Building Exterior Pointing		300,000				200,000	100,000	FUND 31 - CAPITAL PROJECTS
Cafeteria table replacement		4,000		2,000	2,000			FUND 31 - CAPITAL PROJECTS

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING	EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
		Proposed	Projected	Projected	Projected	Projected	
Exterior Door Replacement	10,000			10,000			FUND 31 - CAPITAL PROJECTS
Rooftop HVAC Unit-LGI	55,000		55,000				FUND 31 - CAPITAL PROJECTS
Overlay Playground	108,000			108,000			FUND 31 - CAPITAL PROJECTS
Playground Equip Upgrades	20,000		10,000	10,000			FUND 31 - CAPITAL PROJECTS
Replace Stage Curtains	25,000			25,000			FUND 31 - CAPITAL PROJECTS
Sidewalk/Steps Repair	10,000		10,000				FUND 31 - CAPITAL PROJECTS
Brick wall in front	10,000	10,000					FUND 31 - CAPITAL PROJECTS
Soffit repair	20,000	20,000					FUND 31 - CAPITAL PROJECTS
Playground fence and bank	20,000	20,000					FUND 31 - CAPITAL PROJECTS
Pavilion roof	8,000				8,000		FUND 31 - CAPITAL PROJECTS
Brick flashing at MP room	30,000					30,000	FUND 31 - CAPITAL PROJECTS
Level ground filled areas	5,000	5,000					FUND 31 - CAPITAL PROJECTS
Repair parking lot cracks	8,000	8,000					FUND 31 - CAPITAL PROJECTS
Remove tree in playground area	6,000	6,000					FUND 31 - CAPITAL PROJECTS
GES Total	714,000	69,000	152,000	155,000	208,000	130,000	

NEW HANOVER-UPPER FREDERICK ELEMENTARY							
HVAC through GESA	C	2,863,682					HVAC Added as part of District-Wide Guaranteed Energy Savings (GESA) Cost includes lighting upgrades at 8 buildings
HVAC TOTAL	C	2,863,682					
CAPITAL PROJECTS - REPAIR & MAINTENANCE							
Repair ramp/sidewalks gym entrance		15,000	15,000				FUND 31 - CAPITAL PROJECTS
Repair expansion joints @ curbs		8,750	8,750				FUND 31 - CAPITAL PROJECTS
Retile gang baths or clean painted tile		5,000		5,000			FUND 31 - CAPITAL PROJECTS
Resurface Playground Macadam		140,000		140,000			FUND 31 - CAPITAL PROJECTS
Replace Water Storage Tanks		85,000				85,000	FUND 31 - CAPITAL PROJECTS
Sidewalk to Visitors Entrance		16,500	16,500				FUND 31 - CAPITAL PROJECTS
Recoat 1989 Foam Roof		40,000		40,000			FUND 31 - CAPITAL PROJECTS
Recoat 1992 Foam Roof		85,000			85,000		FUND 31 - CAPITAL PROJECTS
Reanchor damaged wall above ceiling and insulate		25,000	25,000				FUND 31 - CAPITAL PROJECTS

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING		EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
			Proposed	Projected	Projected	Projected	Projected	
NHUF Total		395,250	65,250	180,000	5,000	85,000	85,000	

EARL ELEMENTARY								
HVAC	C	635,794						Heisey Mechanical
Multi-Purpose Room	C	139,628						CM3 Building Solutions
HVAC TOTAL	C	775,422						
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Gang Toilet Partitions-4		2,000				2,000		FUND 31 - CAPITAL PROJECTS
Sewer Plant-Upgrades-Chlorine		100,000	100,000					FUND 31 - CAPITAL PROJECTS
Drainage at back parking lot		10,000		10,000				FUND 31 - CAPITAL PROJECTS
New clock system		6,200					6,200	FUND 31 - CAPITAL PROJECTS
Front Runner Mower/Tractor		20,000			20,000			FUND 31 - CAPITAL PROJECTS
Replace 1992 Rubber Roof		200,000		200,000	200,000			FUND 31 - CAPITAL PROJECTS
Music Room Carpet		8,000		8,000				FUND 31 - CAPITAL PROJECTS
Fence at Playground		10,000				10,000		FUND 31 - CAPITAL PROJECTS
Sewer Plant Road		20,000	20,000					FUND 31 - CAPITAL PROJECTS
Floor scrubber		8,000	8,000					FUND 31 - CAPITAL PROJECTS
EES Total		384,200	128,000	218,000	220,000	12,000	6,200	

EDUCATION CENTER								
CAPITAL PROJECTS - REPAIR & MAINTENANCE								
Generator (none)		25,000		25,000				FUND 31 - CAPITAL PROJECTS
Replace PTAC Units (heat and AC)		50,000	10,000	10,000	10,000	10,000	10,000	FUND 31 - CAPITAL PROJECTS
Paving holes		25,000	5,000	5,000	5,000	10,000		FUND 31 - CAPITAL PROJECTS
EC Total		100,000	15,000	40,000	15,000	20,000	10,000	

SUPPORT SERVICES BUILDING								

**BOYERTOWN AREA SCHOOL DISTRICT
DISTRICT WIDE FACILITIES PROJECTS
2018 through 2023**

BUILDING	EST. COST	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023 & Beyond	FUNDING SOURCE
		Proposed	Projected	Projected	Projected	Projected	
CAPITAL PROJECTS - REPAIR & MAINTENANCE							
Maintenance Building	150,000	150,000					FUND 31 - CAPITAL PROJECTS
Maintenance building – equipment	15,000	15,000					FUND 31 - CAPITAL PROJECTS
Replace Fuel Pumps	35,000			35,000			FUND 31 - CAPITAL PROJECTS
Parking Lot Repair	35,000		20,000	15,000			FUND 31 - CAPITAL PROJECTS
SS Total	235,000	165,000	20,000	50,000	-	-	

DISTRICT WIDE

CAPITAL PROJECTS - REPAIR & MAINTENANCE							
Carpet replacement	W	42,000	14,000	14,000	14,000		FUND 31 - CAPITAL PROJECTS
Vehicles	W	240,000	80,000	40,000	40,000	40,000	FUND 31 - CAPITAL PROJECTS
Backboard Safety Straps		15,000	5,000	5,000			FUND 31 - CAPITAL PROJECTS
Scissors lift		15,000	15,000				
District-Wide Total		312,000	100,000	59,000	54,000	40,000	
TOTAL DISTRICT FACILITIES 5 YEAR PROJECTED INVESTMENT							
PLANCON PROJECTS		96,000,000					GENERAL OBLIGATION BOND/NOTE
HVAC INSTALLATION - CES, EES, WES, Partial PFES	C	2,465,895					FUND 36 - ELEMENTARY HVAC FUND
HVAC INSTALLATION - (GESA Project) GES, NHUF	C	5,727,363					FUND 36 - ELEMENTARY HVAC FUND
HVAC INSTALLATION - PFES Balance	?	641,618					FUND 36 - ELEMENTARY HVAC FUND
CAPITAL PROJECTS		5,538,918	1,240,365	1,269,653	1,117,900	1,187,400	951,100
Grand Total		110,373,794	1,240,365	1,269,653	1,117,900	1,187,400	951,100



NEXT-GENERATION STAND-ON CYLINDRICAL SCRUBBING.

Stand-on cylindrical scrubbing at its finest.

PROFESSIONAL | CHARIOT 3 ISCRUB 26 SP

The next-generation stand-on cylindrical scrubber.

When compared to a walk-behind-scrubber this machine is twice as productive. This machine was developed from our years of experience as the innovators of the stand-on cleaning segment. No other manufacturer comes close to the depth of our line of stand-on cleaning machines. This model features our innovative cylindrical cleaning technology on our third generation Chariot platform.



Cylindrical Scrubbing Technology

- Cylindrical brushes are continuously self-cleaned by centrifugal force, which allows one cylindrical brush to outlast 50 or more cleaning pads saving on labor, material costs and landfill space
- Provides up to 9 times more downward pressure than traditional disc or pad floor scrubbers, creating more consistent cleaning results by evenly distributing downward pressure along the entire contact area of the brush.
- Integrated wet pre-sweep and debris hopper can save up to 40% of your overall cleaning time and labor costs by eliminating the need for pre-sweeping with a separate piece of equipment
- Perfect for scrubbing grouted, uneven, or porous surfaces

Cost savings

- Optional chemical metering system with adjustable dilution rate ensures the correct chemical mix is applied and no product is wasted
- Chariots reduce labor cost due to our productive stand-on design allowing you to get more done with the same size staff
- Get a quick return on your investment with prices comparable with similar sized walk-behind scrubbers

Productivity focused

- Chariots increase labor productivity up to two times that of a walk-behind scrubber (based on ISSA practical cleaning rates)
- EcoMode optimizes productivity by lengthening run times between recharging and refilling
- Reduced operator fatigue means increased productivity
- Simple-to-train design means more time is spent cleaning
- Full circle visibility, easy to transport around the building, and fits through a standard door
- Optional battery exchange package increases productivity and decreases down-time

Technical Data and Equipment.

Technical Specifications

	Charlot™ 3 iScrub 26SP
Production Rate:	27,639 sq. ft. per hour (practical)
Cleaning Path:	26" (663 mm)
Brushes, Pad Drivers:	2 brushes x 4" diameter x 26" length (2 brushes x 102 mm x 660 mm)
Brush Motor:	2 x 0.75 hp (23 amps)
Brush Speed:	772-950 rpm
Scrub Head Lift:	Actuator
Brush Pressure:	0-44 lbs
Drive Motor:	36 volt DC motor (0.8 hp motor)
Transport Speed:	4 mph (6.5 kph)
Operating Speeds:	1.8 mph, 2.9 mph
Transport/Operating Noise Level:	60 dBA/69 dBA
Solution Control:	Automatic shut-off in neutral
Solution/Recovery Capacity:	25 gallons/28 gallons (95 liters/106 liters)
Optional Chemical Metering System Dilution Rate:	Adjustable, 0.5-4 ounces per gallon
Vacuum Motor:	0.63 hp (470W), 3-Stage
On-Board Charger (optional):	Works with standard 120V outlet
Operating System:	Automatic pre-set function dial
Electrical System:	Flooded - 36V, 3 x 12V, 205 or 225 A/H batteries; AGM - 36V, 3 x 12V, 234 A/H batteries; chargers and battery exchange system also available
Weight w/o Batteries:	420 lbs (191 kg)
Dimensions (L x W x H):	56" x 33" x 50" (1422 mm x 838 mm x 1270 mm)
Width:	33" (838 mm)

Specifications are subject to change without notice.

Please contact us for more information:

North America

4555 Airport Way
Denver, CO 80239 U.S.A.

Phone +1 800 444-7654
Fax +1 866 271-0520

Canada

6535 Millcreek Drive
Unit 67
Mississauga, ON L5N 2M2 Canada

Phone +1 905 672-8233
Fax +1 905 672-3155

www.windsorkarchergroup.com



November 15, 2017

David A. Szablowski, Chief Financial Officer
William E. Gasper, District Facility Engineer
Boyertown Area School District
911 Montgomery Avenue
Boyertown, PA 19519

Reading Office
50 Berkshire Court, Ste. 209
Wyomissing, PA 19610-1219
T 610.374.5285
F 610.374.5287

RE: Earl Elementary School Wastewater
Treatment Plant Analysis
ARRO # 1117-PW02

Dear Mr. Szablowski and Mr. Gasper:

As requested, ARRO Consulting, Inc. has prepared the attached Professional Services Agreement including a Scope, Schedule, and Budget for analyzing the Wastewater Treatment Plant at the Earl Elementary School.

Generally the major pieces of equipment at the plant will be reviewed for condition and expected life. A related 5-year capital improvements plan will then be presented to assist the District in planning and budgeting for future maintenance. Specific attention will be given to the effluent sand filter, which is showing evidence of poor drainage and failure. A related phone-quote quality specification will be provided for cleaning out and replacement at the filter media.

We appreciate the opportunity to provide the attached. In order to initiate work, please sign the attached Agreement and return to our office. If you have any questions or would like to discuss the enclosed further, please e-mail me at alex.morrison@thearrogroup.com or call me at 484-525-4552.

Sincerely,

A handwritten signature in cursive script that reads "Alex J. Morrison".

Alex J. Morrison, P.E.
Vice President

AJM/ss

cc: Ed Overberger, ARRO

Enclosures

PROFESSIONAL SERVICES AGREEMENT

1117-PW02

Boyertown Area School District
911 Montgomery Avenue
Boyertown, PA 19512

and ARRO Consulting, Inc.
50 Berkshire Court, Suite 209
Wyomissing, PA 19610
610-374-5285

November 15, 2017

The purpose of this Agreement is to form the basis for ARRO Consulting, Inc. (ARRO) to provide professional engineering services to the Boyertown Area School District (Client) regarding the existing wastewater treatment plant at the Earl Elementary School located at 22 School House Road, Boyertown, PA 19512 in Earl Township, Berks County, Pennsylvania. ARRO will provide the services identified in the Scope of Services below.

SCOPE OF SERVICES

TASK 1 – Site Visit, Report, and Specifications

1. Site visit to catalog major pieces of equipment and assess condition of each.
2. Prepare five-year maintenance plan, including report on equipment condition and opinion of values for budgeting. A suggested effluent filter cleaning schedule will be included.
3. Prepare phone-quote quality specifications for effluent filter cleaning and media replacement. Provide recommendations for companies that can complete the effluent filter cleaning and media replacement.

TASK 2 – Solicit Quotes

1. Obtain phone quotes for effluent filter cleaning and media replacement.
2. Respond to bidder's questions.
3. Review bidder's information/quotes.
4. Provide written recommendation regarding contractor to whom contract should be awarded.

SPECIFIC SERVICES EXCLUDED

Services not set forth within the Scope of Services are specifically excluded, including the following.

1. Exposing buried system components. Only equipment that is readily visible will be assessed.
2. Efforts associated with obtaining permits, costs for permits, fees, and licenses, including application fees to regulatory agencies, if required.

3. Structural or mechanical repairs.
4. Preparation of contract documents or Drawings.
5. Attendance at meetings not specifically defined in the Scope of Services.

SCHEDULE

ARRO will commence work within two (2) weeks of receipt of written notice to proceed from the Client, and will submit the recommendation to award to the Client within 40 days following commencement of work.

CLIENT'S RESPONSIBILITIES

1. Designate a person to act as its representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, and interpret and define the Client's policies and decisions pertaining thereto within a reasonable time so as not to delay the services of ARRO.
2. Arrange for access to and make all provisions for ARRO to enter upon public and private property as required for ARRO to perform its services.
3. Obtain approvals and permits from and pay fees of all governmental authorities having jurisdiction over the project, and such approvals and consents from others as may be necessary for completion of the project.
4. Assist ARRO by placing at its disposal all available information pertinent to the project including previous plans, previous reports, and any other data relative to the work covered herein.
5. Examine all studies, reports, sketches, drawings, specifications, proposals, and other documents presented by ARRO, obtain advice of an attorney, insurance counselor, and other consultants as the Client deems appropriate for such examination, and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of ARRO.
6. Provide such accounting, legal, and insurance counseling services as may be required by the Client for the project or as ARRO may reasonably request with regard to legal, accounting, and insurance issues pertaining to the project including any that may be raised by a third party.
7. Give prompt written notice to ARRO whenever the Client observes or otherwise becomes aware of any development that affects the scope or timing of ARRO's services or becomes aware of any unsatisfactory performance by ARRO.

COMPENSATION

In consideration of the services performed by ARRO in accordance with this Agreement, the Client shall pay to ARRO a lump sum fee of Six Thousand, Three Hundred Seventy-Five Dollars (\$6,375.00).

Task	Fee
Task 1 – Site Visit, Report, and Specifications	\$5,125.00
Task 2 – Solicit Quotes on Behalf of Client	<u>\$1,250.00</u>
Total	\$6,375.00

In the event that such services are altered by a modification to this Agreement, the Client and ARRO shall, at the time of such modification, also agree to an adjustment in the lump sum fee stated above.

Invoices will be rendered monthly and shall be paid within 30 days of the date of the invoice.

THE TERMS OF THIS AGREEMENT SHALL REMAIN OPEN FOR ACCEPTANCE FOR A PERIOD OF SIXTY (60) DAYS FROM THE ABOVE DATE, AFTER WHICH TIME ARRO RESERVES THE RIGHT TO REVIEW, REVISE, OR WITHDRAW THIS AGREEMENT.

THE ATTACHED STANDARD TERMS AND CONDITIONS ARE INCORPORATED INTO AND ARE A PART OF THIS AGREEMENT.

Boyertown Area School District

ARRO Consulting, Inc.

BY: _____

BY: Alex J. Morrison
Alex J. Morrison, P.E.

Printed Name: _____

TITLE: _____

TITLE: Vice President

DATE: _____

DATE: November 15, 2017

**Client's Designated
Representative:** _____

ARRO CONSULTING, INC.
STANDARD TERMS AND CONDITIONS

1. OPINION OF PROBABLE COSTS

Opinions of probable construction and related costs, financing and acquisition of land and rights-of-way prepared by ARRO represent its judgment as a design professional and are supplied for the general guidance of the Client. Since ARRO has no control over cost of labor, materials, equipment or services furnished by others, over contractors' methods of determining prices, over costs of financing, acquisition of land or rights-of-way or over competitive bidding, market or negotiating conditions, ARRO does not guarantee that any such opinions will not vary from actual costs or contractors' bids to the Client.

2. INSTRUMENTS OF SERVICE

All reports, plans, specifications, drawings, field data, notes, formulae, calculations, codes, computer programs and any other documents used in the preparation of the work hereunder or delivered to the Client hereunder, including electronic or digitized versions thereof, are instruments of service of ARRO and shall remain the property of ARRO. Client has the right to use the work delivered hereunder for an indefinite period of time for the purposes outlined in this Agreement. However, the work furnished by ARRO hereunder, whether in document form or electronic or digitized versions thereof, are not to be reused by the Client or any other person or entity for extensions of the project for which they were prepared or on any other project. Any reuse of the documents or their electronic or digitized versions without specific written verification or adaptation by ARRO will be at the Client's sole risk and without liability to ARRO, and Client shall hold ARRO harmless from any claims or damages resulting from such reuse, including claims of infringement of proprietary information.

3. CHANGED CONDITIONS

ARRO has used its professional judgment in establishing the scope of services and fee for this project, given the information provided by the Client or known to ARRO about the project's nature and risks and current laws, codes, regulations, standards and permit conditions in effect thirty (30) days prior to the date of this proposal/Agreement. Occurrences or discoveries that were not originally contemplated by or known to ARRO shall constitute changed conditions and shall require an equitable adjustment in scope, schedule and/or fee under this Agreement. If ARRO should request an adjustment to this Agreement, ARRO shall identify the changed conditions and the Client shall promptly and in good faith enter into a renegotiation of this Agreement. If the Client refuses to renegotiate, ARRO may terminate this Agreement.

4. ADDITIONAL WORK

The Client or ARRO may, from time to time, during the course of the work request changes or modifications in the "Scope of Services" to be performed hereunder. Such changes and/or modifications, including any increase or decrease in the amount of ARRO's compensation, which are mutually agreed upon between the Client and ARRO, shall be incorporated in written amendments to this Agreement. In the event the Client desires additional work performed, which is not covered by the proposal and/or Agreement, the parties shall execute an amendment to this Agreement, and ARRO shall be paid for the additional work in accordance with the terms and conditions for extra work as set forth in the Agreement.

5. DELAYS

In the event of delays through no fault of ARRO, the Client shall pay all costs which have been reasonably incurred by ARRO in suspending the services including all costs incurred in reactivating the services. This is in addition to compensation for services performed and costs incurred prior to suspension.

6. WARRANTY AND REMEDY

ARRO warrants that it shall exert the degree of care and skill in the performance of its services normally exercised by similar professionals under similar circumstances. This warranty is in lieu of and excludes all other warranties whether express or implied, by operation of law or otherwise, including any warranty of fitness for particular purpose.

ARRO's liability to the Client for losses, injuries, damages or expenses arising from ARRO's services under this Agreement and which are covered by ARRO's liability insurances shall be limited to the then remaining limits of ARRO's applicable liability insurance coverage(s). For any other losses, injuries, damages or expenses arising from ARRO's services, Client agrees that ARRO's total aggregate liability therefore shall not exceed the amount of ARRO's service revenue under this Agreement.

In addition, the Client agrees to extend any and all liability limitations and indemnifications provided by the Client to ARRO to those individuals and entities ARRO retains for performance of the services under this Agreement, including ARRO's subconsultants and their assigns.

For purposes of this Agreement the term "liable" and "liability" shall mean liability of any kind that may be found to rest upon ARRO, whether arising from the negligence of ARRO, its subcontractors, agents or employees, breach of warranty, breach of contract, strict or absolute liability and/or any other cause.

7. CONSEQUENTIAL DAMAGES

Neither ARRO nor Client shall be liable to the other for any consequential damages incurred due to the fault of the other party, regardless of the nature of this fault or whether it was committed by ARRO or the Client, their employees, agents, subconsultants or subcontractors. Consequential damages include, but are not limited to, loss of use and loss of profit.

8. TERMS OF PAYMENT

In the event that payment is not made within thirty (30) days from date of billing, interest will be charged at the rate of one percent (1%) per month, or the maximum amount permitted by law.

9. PATENTS

ARRO will not conduct patent searches in the performances of its services and assumes no responsibility or liability for any patent or copyright infringement arising therefrom. Nothing contained herein shall be construed as a warranty or representation that anything made, used or sold arising out of the services provided for the project will be free from infringement of patents.

10. SUSPENSION OF SERVICES

If payment of ARRO's invoices is not maintained as per the Terms of Payment set forth herein, ARRO may by seven (7) days written notice to the Client suspend further services without liability until the Client has paid in full all amounts due ARRO on account of services rendered and expenses incurred, including interest on past due invoices. Suspension exceeding ninety (90) days shall, at ARRO's option, make this Agreement subject to renegotiation or termination. Any suspension shall extend the time schedule for performance in a manner that is satisfactory to ARRO.

11. TERMINATION

This Agreement for ARRO's services may be terminated by either party upon thirty (30) days prior written notice to the other party. In the event of termination, ARRO shall be compensated for services performed and expenses incurred up to the date of termination, plus reasonable actual costs incurred by ARRO as a result of a termination by the Client.

12. SUCCESSORS AND ASSIGNS

This Agreement shall be binding upon the parties and their respective successors and assigns. ARRO may employ such independent consultants, associates and subcontractors as it may deem appropriate. Nothing in this Agreement shall be construed to give any rights or benefits to anyone other than the parties.

13. SEVERABILITY AND REFORMATION

Any provision or part thereof of this Agreement held to be void or unenforceable under any law or order of court shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Client and ARRO. In addition, the parties agree that this Agreement shall be reformed to replace such stricken provision(s) or part(s) thereof with a valid and enforceable provision(s) which comes as close as possible to expressing the intention of the stricken provision(s).

14. EMPLOYEE LIABILITY

The Client acknowledges that ARRO is a corporation and agrees that any claim made by the Client arising out of any act or omission of any director, officer or employee of ARRO in the execution or performance of this Agreement, shall be made against ARRO and not against such director, officer or employee.

15. FORCE MAJEURE

Client and ARRO agree that there shall be no liability on the part of either party for any failure or delay in the performance of any obligations hereunder resulting from any cause beyond their reasonable control, including, but not limited to: acts of God; acts or omissions of civil or military authority; acts or omissions of contractors or suppliers; fires; floods; epidemics; quarantine restrictions; severe weather; strikes; embargoes; wars; political strife; riots; delays in transportation; compliance with any regulations or directives of any national, state, local, or municipal governments or any department thereof; fuel, power, materials or labor shortages.

16. ENTIRE AGREEMENT

This Agreement, upon its acceptance by the Client, shall constitute the entire and integrated understanding between the parties and supersedes all prior and contemporaneous negotiations and agreements, whether oral or written, with respect to the subject matter herein. This Agreement may be amended only by a written instrument signed by both parties.

17. ASBESTOS OR HAZARDOUS OR TOXIC MATERIALS

ARRO's scope of services does not include any services related to asbestos or hazardous or toxic materials. ARRO shall have no responsibility under this Agreement to determine the existence, location, quantity, type or composition of any hazardous or toxic materials that may exist at the site. In the event ARRO or any other party encounters asbestos or hazardous or toxic materials at the site, or should it become known in any way that such materials may be present at the site or any adjacent areas that may affect the performance of ARRO's services, ARRO may, at its option and without liability for consequential or other damages, suspend performance of services on the project until the Client retains appropriate specialist consultant(s) or contractor(s) to identify, abate and/or remove the asbestos or hazardous or toxic materials, and warrant that the site is in full compliance with applicable laws and regulations.

18. PHASE I & PHASE II ENVIRONMENTAL SERVICES

Inconsideration of the substantial risks to ARRO in performing Phase I and Phase II environmental assessment services, the Client agrees, to the maximum extent permitted by law, to indemnify and hold harmless from any damage, liability or cost, including reasonable attorneys' fees and costs of defense, arising out of or resulting from the performance of services under this Agreement or related in any manner whatsoever to the existence, identification, release or disposal of hazardous or toxic substances, except those damages, liabilities or costs arising directly from the sole negligence or willful misconduct of ARRO.

a. REGULATED CONTAMINANTS

The Phase II environmental assessment is being conducted solely to permit ARRO to render a professional opinion on the likelihood of regulated contaminants being present on, in, or beneath the site identified in the Agreement at the time the services are rendered. Client acknowledges and understands that the findings derived from a Phase II environmental assessment are limited and that ARRO cannot know or state as an absolute fact that the site is unaffected by reportable quantities of regulated contaminants. Furthermore, even if ARRO believes, in its professional opinion, that reportable quantities of regulated contaminants are not present at the site, Client still bears the risk that such contaminants may be present or may migrate to the site after the study is completed. Client's acceptance of this Agreement shall evidence that Client understands the risks associated with the Phase II environmental assessment and, in consideration of ARRO agreeing to provide these services, Client agrees, to the maximum extent permitted by law, to waive any claim against ARRO and agrees to defend, indemnify, and hold ARRO harmless from any damage, claim, liability, or cost, including reasonable attorneys' fees and costs of defense, for injury or loss which may arise out of or result from any alleged contamination or existence of hazardous material discovered at the site or performance of services under this Agreement or related in any manner whatsoever to the existence, identification, release or disposal of hazardous or toxic substances, except those damages, liabilities or costs arising directly from the sole negligence or willful misconduct of ARRO.

b. SAMPLING BYPRODUCTS

All substances on, in, or beneath the Client's site identified in the Agreement, or obtained from the site as samples or as byproducts of the sampling process are, and shall remain, the Client's property. Any samples or byproducts of the sampling process that are, or are assumed to be regulated contaminants, or in ARRO's opinion, may be affected by a regulated contaminant, will be packaged in accordance with applicable law and these materials will be promptly turned over to the Client and the Client will be responsible for legal disposal of them. ARRO shall not have any responsibility under this Agreement to arrange for disposal, or dispose, of materials that are, or are suspected to be, affected by regulated contaminants. Client shall sign all manifests for the disposal of regulated contaminants or suspected regulated contaminants. ARRO will not, under any circumstances, be considered a generator, transporter, or disposer of the materials affected by regulated contaminants. Because involvement with the Client's contaminated samples can expose ARRO to considerable risks, Client agrees, to the maximum extent permitted by law, to waive any claim against ARRO and agrees to defend, indemnify, and hold ARRO harmless from any damage, claim, liability, or cost, including reasonable attorneys' fees and costs of defense, for injury or loss which may arise out of or result from ARRO containing, labeling, transporting, testing, temporarily storing, and other handling of the Client's contaminated samples or performance of services under this Agreement or related in any manner whatsoever to the existence, identification, release or disposal of hazardous or toxic substances, except those damages, liabilities or costs arising directly from the sole negligence or willful misconduct of ARRO.

c. CROSS CONTAMINATION

Sampling may result in unavoidable cross-contamination of subsurface areas, such as when a probe or boring penetrates through a contaminated area into an aquifer, underground stream, or other hydrous body not previously contaminated. Client acknowledges and understands that ARRO cannot, despite exercising due care, completely eliminate this risk. Because sampling is an essential element of the Phase II environmental services covered by this Agreement and can expose ARRO to considerable risks, Client agrees, to the maximum extent permitted by law, to waive any claim against ARRO and agrees to defend, indemnify, and hold ARRO harmless from any damage, claim, liability, or cost, including reasonable attorneys' fees and costs of defense, for injury or loss which may arise out of or result from any cross-contamination allegedly caused by sampling or performance of services under this Agreement or related in any manner whatsoever to the existence, identification, release, or disposal of hazardous or toxic substances, except those damages, liabilities or costs arising directly from the sole negligence or willful misconduct of ARRO.

19. THIRD PARTY BENEFICIARY

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or ARRO. ARRO's services under this Agreement are being performed solely for the Client's benefit, and no other entity shall have any claim against ARRO because of this Agreement or the performance or nonperformance of services hereunder. The Client agrees to include a provision in all contracts with contractors and other entities involved in this project to carry out the intent of this paragraph.

20. GOVERNING LAW

The laws of the Commonwealth of Pennsylvania shall govern the validity of this Agreement, its interpretation and performance. Any litigation arising in any way from this Agreement shall be brought in the Courts of Common Pleas of Pennsylvania having jurisdiction.

**BOYERTOWN AREA SENIOR HIGH SCHOOL
MARCHING BAND UNIFORM INFORMATION
NOVEMBER 21, 2017**

Current Uniform Information:

Purchase Date	Approved by the Board March 13, 2007	
Number of Uniforms Purchased	130	Stanbury Uniforms
Band Members 14-15	92	
Band Members 15-16	99	
Band Members 16-17	105	
Band Members 17-18	113	20% growth in 4 years with three grades
Purchase Price	\$62,138.70	
Cost per uniform	\$477.99 per uniform	
Cost in 17-18 with inflation	\$570.44	Inflation calculation
Life Expectancy	8-10 years	
Current Usage	11th year of use	
football games	5-6 home football games per season	
competitions	6-7 per fall season	
parades	2-3 per year	
other appearances	international performances every three years District, Region, & State Festivals	
Current uniform construction	Bibber style pants, jacket, gauntlet, hat, & plume	
Current uniform condition	Colors are fading, permanent stains, buttons falling off, zippers deteriorating, inside of hats are torn many have been altered numerous times	

New Uniform Information:

Price	\$96,000	
Number of uniforms needed	175	DeMoulin Uniforms
Projected Numbers SY 18-19		
current MSE & MSW	195	
Projected BASH Band	120-140	
Price per uniform	\$548.57	
Life Expectancy	8-10 years	
Uniform Specifics	See below	
Uniform creation timeline	185 days to create uniform now, will increase to 210 later in the school year due to orders from other di	

DeMoulin is a COSTAR approved vendor

Boyertown Area Senior High School
Band Office / Brian Langdon
120 N. Monroe St
Boyertown, PA 19512

10/18/17

Dear Brian Langdon,

Below, you will find an approximate cost associated with the band's stated needs for:

- 175 Marching Band Coats
- 175 Marching Band Bibbers
- 175 Shakos
- 175 Shako hat wraps
- 175 Plumes
- 175 Shako Boxes
- 175 Raincoats
 - Screen print: Chest (left)
 - Screen print: Hood
- 175 Garment Bags
 - Screen print: 1 color
- 10 Expand-a-Fit Zipper extenders
- 1 Marching Band Banner (10')

It has been a pleasure working with you on the newly designed marching band uniforms. The prices are based off of construction, fabric, and additional items. DeMoulin has provided a sample uniform for your evaluation, for which we are very close to a final design. The price below is a price **estimate** for budgetary planning purposes only, and NOT an official quote and is good until December 31, 2017. **Expected time from order to delivery** at this time is about **185** days and subject to change, as our uniforms start from rolls of fabric and every design is different.

The uniform proposed for purchase is the made using the finest tailoring techniques complimented with first quality goods that meet military standards. DeMoulin uniforms are constructed by highly skilled workers and backed by DeMoulin's Lifetime Warranty. Also included: Uniform Management System, professional fitting service, and a single point person (me) consulting for the account.

Total of expected Budget: \$96,000.00 +/-

Please call me with any questions or concerns.
Sincerely,
Rob Seale

DeMOULIN
1025 South 4th Street, Greenville, Illinois 62246, 618/664-2000
TOLL FREE 888/586-8086 FAX 618-664-1712

INVITATION TO BID

Your company is hereby invited to submit a BID QUOTATION ON THE ITEMS AND QUANTITY, AS DESCRIBED FURTHER IN THIS WRITTEN INVITATION. PLEASE RETURN THE bid form page(s) with your official bid. If you are unable to submit a bid quotation at this time, and if you wish to remain on our list of potential suppliers, simply send us a written explanation.

The deadline for our receipt of your bid is: _____

Whereas considerable time and expense has gone into the preparation of the enclosed specifications, deviations are NOT anticipated. DEVIATIONS MUST BE DOCUMENTED. Unless fully documented, such deviations may DISQUALIFY a bidder at the discretion of the BUYER.

In setting forth these specifications it is the intention of the buyer to offer equal opportunity to all bidders. Styles referred to by number and the company name are for descriptive purposes only and are not restrictive. The buyer feels that specified styles, material, linings and sundry items are equally available to all reputable manufacturers.

Bidder is to furnish itemized quotations showing the cost of each item, the total price per uniform, and the total price of the entire order. Any allowance or cash discount for payment within a certain period before or after delivery is to be indicated on the bid; otherwise, it is presumed that payment is to be made on the basis of net 30 days.

The buyer reserves the right to accept or reject any or all bids in the best interest of the buyer. Factors to be considered when determining the best value for the buyer are to be quality of the garment, service and responsibility of the company and their representative, as well as price. Low bid is not necessarily to be awarded the contract.

Bidder is to furnish a full time sales representative to handle all details of the order. This includes measuring and servicing, "after the sale". Bidder is to provide name, address and phone number of representative or representatives who are to be responsible for handling the order.

In submitting your bid, specify the time required for delivery of the complete order after receipt of all details.

SAMPLES - Your bid, to be considered, is to be accompanied by a completed sample uniform in accordance to the exact specifications. Each bidder's interest in meeting these specifications is to be reflected in their willingness to manufacture this pilot sample and to make it available at the school prior to the time and date of the official bid opening. Exact samples are also required to insure that the district can expedite this purchase soon after the award. The sample uniform provided is to be a male size 38 regular.

The buyer reserves the right to inspect the workmanship of the sample, its inner construction in particular, and for this purpose will open the lining if necessary.

CONSTRUCTION AND MANUFACTURING SPECIFICATIONS

A. GENERAL

Coats, trousers, blouses and all major parts of the uniform are made to fit the nearest stock size from the information supplied by the company representative. This is done for a better year to year fitting program and allows more fitting flexibility. Exceptions are made on unusual sizes wherein the garment is cut and produced to the measurements taken by the company representative.

B. SHIPPING

Uniforms are to be shipped on wishbone style hangers. Hangers are to be hard plastic, not wood. Wooden hangers have a tendency to pick and pull the basic fabric, and they are not acceptable. The hangers must be bent and rounded at the top to allow the shoulder area of the garment to be spread and hung properly. Each uniform must be delivered in its own clear polyethylene bag to prevent soiling. Uniforms must be delivered in 200 lb. Test cardboard wardrobe containers, opening from the front, and having a metal bar reinforcement at the top with clasp to prevent hangers from disengaging from the metal structure. Each carton will be properly marked on the outside, with identification numbers of the uniforms contained in that specific carton.

C. IDENTIFICATION

Each major garment item is to have identification numbers sewn into the individual pieces to allow for quick and easy issuing. Coats, trousers, and blouses are to have woven numerals. Trousers are to include inseam and waist information for future reference; coats shall have chest size and length indicated on a linen ticket. The original order is to include a bound booklet with the numbers of each uniform corresponding to the particular size of that uniform, arranged from the smallest to the largest. Size information shall include chest size, height, weight, and inseam for each uniform. Bound in the identification record shall be a size chart for use as reference for purchase of future uniforms.

D. INSPECTION

All garments are to be carefully inspected before final packing and shipment. All thread ends to be picked and cut and specifications, trim and details to be critically checked for each individual garment before shipment. Buttons to be applied and sewn at that time.

E. VERIFICATION OF FABRIC PROCESSION

Any dacron/wool blend fabric from any vendor must be professional cold water and alcohol sponged, decated, and inspected. Bidder must submit in writing, certification that dacron/wool blend fabric will have undergone this fabric stabilization prior to manufacture of the uniforms. Also, such certification should be submitted in writing by an officer of the bidding company.

The company actually performing the stabilizing process must be indicated, with an individual or officer of said company to contact for verification of processing.

As dacron/wool garments having not undergone such processing can experience significant and excessive shrinkage, bidders not providing such a sponging treatment and certification in this bid will be disqualified.

F. SUSTAINABLE VERIFICATION CERTIFICATE

Any 14 oz Polyester fabrics must be certified by UTrust Verification Program and must be made from ECO-FRIENDLY textile products, developed from sustainable fibers.

A UTrust Verification Certificate must be attached to this bid or RFP Solicitation. This certificate must be signed by an individual or officer for UTrust.

COAT SPECIFICATIONS

1. PATTERNS

- a. Patterns are to be marked, graded, and cut using a computerized system to insure accuracy.

- b. Patterns are to cover a full range of sizes, including male, female, short, regular, long, and extra long from size 26 to 60.

2. INNERLINING

- a. MUST consist of “Staflex 4310”. It is Thermalbound Non-woven. The contents are 100% Polyester that weights 1.8 oz./sq. yard. It is coated with Polyamide Dot. MUST be made in the USA. There is also to be a layer of “PC-BLK”. It’s fiber content is 65% Polyester 35% Cotton. The weave pattern must be 2X1 left hand twill weave. It MUST have a 88 X 44 Greige thread count. The fabric weight is 7.25 oz./square yard. This fabric is crease resistant and 2A colorfast.

3. SHOULDER PADS

- a. Shoulder Pads are to consist of heavy density, 100% Foam grade 1030.
- b. It is a large semi-oval shape, approximately 10" x 5-1/2" and 7/8" thick.
- c. The shoulder pads are designed to support the shoulder from collar to sleeve seam, as well as the entire upper jacket torso. This achieves the “desired athletic appearance” to the coat.
- e. Pads must be fully tested in accordance with ASTM D-3574-11 standards.

4. SLEEVEHEAD PAD

- a. There is a 1 3/4" sleeve head pad composed of a 65/35 Poly/Cotton woven cover sewn into the armhole of the coat assembly.
- b. It is reinforced with soft white 100% Polyester needle punch filler.
- c. Strips of coat canvas are unacceptable for use as sleeve-head padding.

5. LINING

- a. Coat linings are to be cut from a separate set of patterns designed specifically to fit the particular style of coat. Linings are not to be cut from coat patterns and then cut down.
- b. Lining material is to be the highest quality BreatheFree Poly Twill. It contains moisture absorbing properties with immediate dry component. It will be non-toxic, perspiration resistant, color fast, and non-shrinkable. It is to be fully dry-cleanable.
- c. Its composition is to be 124 warp x 72 fill and it is to meet government specifications.
- d. There is a pleat down the center back in the shoulder area to allow fullness and access to buttons where applicable.
- e. The lining is COMPLETELY sewn around the armhole, NOT just tacked.

6. PERSPIRATION SHIELD (see illustration #1)

- a. The perspiration shield is secured in the lower part of the armhole and is approximately

4" square.

- b. It is made of an absorbent wool flannel, consisting of 85% wool and 15% nylon material. It is to be double sponged to prevent shrinkage.
- c. The shield is edged all around with a pre-shrunk bias poly/cotton finishing tape and completely sewn into the armhole area. Merely "tacking" the shield to the lining is not acceptable.
- d. Sweatshields will contain Sanogiene Anti-Microbial Protection. Sanogiene is an EPA approved patented technology providing the following properties:
 - 1. Controls and resists odors
 - 2. Retards the growth and action of bacterial odors
 - 3. Mildew resistant
 - 4. Prevents microbes from degrading uniform construction
 - 5. Long-lasting in excess of one hundred launderings

In addition, the staining, degradation and loss of the performance properties of textile fibers are often the result of microbial attack. Sanogiene finish protects the fabrics from microbial contamination and growth. Sanogiene is an EPA registered product and meets requirements for US anti-microbial registration.

- e. Shields made of scraps from cutting the outer coat whipcord fabric are not acceptable.

7. POCKETS (see illustration #2)

- a. All inside pockets are to be cut, sewn, and turned automatically with a double piped lock-stitch machine and reinforced with a non-woven fabric.
- b. Pockets are to be constructed with hidden inside bartacks with welts of the same outer fabric as the coat.
- c. There is a 1 1/2" whipcord fabric extension down into the pocket, from the opening edges.
- d. Pocketing material is to be 70/30 poly/cotton, 50/50 in the warp and 100% poly in the fill.
- e. Pocket is to be "bagged" with no open seams at the bottom.
- f. Pockets made of lining or lightweight material are not acceptable.

8. TAPING

- a. Seams which are subject to usual stress, are to be taped with a preshrunk cross-wound cotton tailoring tape.

- b. Areas to be taped are down the inside coat front, extending around bottom sides and back, and around the armhole. There must be a 3-4" area at the upper back shoulder area of each sleeve seam, where the cloth tape is omitted. This allows proper "Stretch" across the shoulders during arm lift maneuvers.

9. SLEEVES

- a. The sleeve is to be "felled" into the top of the armhole, using a special felling stitch which allows fullness, evenness, flexibility and strength.
- b. The bottom half of the armhole is machine lock-stitched to give the greatest strength in this high stress area.
- c. Sleeves are to be cut utilizing a 60/40 pattern per fine tailoring or 50/50 split sleeve upon request. They will be pitched forward 3-4 degrees in the armhole to allow for the arm-lift associated with playing a musical instrument.
- d. The cuff, or hem, is to have a generous 2 1/2" turn-under consisting of fabric and lining secured and constructed to allow easy altering of sleeve length. This is done utilizing an "easy alter" chain stitch.
- e. On request, an adjustable hem feature is available. The ridged/grooved polyester snap-tape shall extend from the bottom of the hem 7" with a total of 5 male snaps and 5 female snaps (10 total snaps) and will be centered on both seams. This allows a 1/2" of adjustability with each snap for a total adjustment capability of 4 1/2". The snap tape will be back-tacked on each end with a $\frac{3}{8} - \frac{1}{2}$ " tack.

10. SHOULDER LOOPS

- a. Shoulder loops are to be die-cut to insure uniformity and are cut in two pieces.
- b. Shoulder loops are to be reinforced on each layer with heavy Pellon.
- c. They are sewn together on the inside, turned, and top-stitched all around the edge for body and durability.
- d. All buttons for attachment of shoulder loop and accessory items will be reinforced with backing buttons.

11. TRIM

- a. Coat front trim (braid, welts, appliques, embroidery, etc.) is to be applied only through the outer fabric. That is, it is NOT to be sewn through the chest piece four layer innerlining, nor the polyester twill coat lining. All trim is to be sewn before the lining is joined to the coat.
- b. Any trim using 1/4" unfilled tubular braid is to be applied with a FB or FBN corn straight 2 needle machine, then it is applied in cloverleaves, turned edges or other circular designs. The benefits of such application provide that the trim (A) lays flat to the fabric surface, and that (B) the stitching is equidistant from each edge along the entire border of the trim. Using a single needle stitch sewn twice is not acceptable. Trim applied with only one single needle stitch in the center is not acceptable.

12. HARD COLLAR (see illustration #3)

- a. The inner core foundation of the standing collar is .014 Mylar.
- b. There is a laminated layer of non-woven Pellon P15 on the inboard side of the entire foundation.
- c. A stainless steel riveted hook and eye is to be the front closure. The hook and eye are riveted through the Mylar, Pellon and two layers of collar lining material. It is to be placed at the optimum angle to insure proper tension and comfort.
- d. A "sewn" hook and eye is not acceptable.
- e. The collar lining consists of two layers of Burlington Mills Cramerton fabric, which is 65% polyester and 35% combed cotton, pre-shrunk and non-wicking.
- f. Seven male gripper snaps are placed through both layers of the collar lining material. The snaps are supported on the inside by the laminated non-woven Pellon which also serves as a protective layer between the Mylar and the snaps. Female gripper snaps applied to the collar lining are unacceptable.
- g. The outboard side of the standing collar is to be covered with a whipcord fabric, as specified by the design specifications.
- h. The top edge of the Mylar base is bound with Cramerton fabric and has a finished welted seam on each side. The whipcord fabric is doubled over the top of Mylar base, along with the two layers of collar lining, and stitched along the top edge. This 5-layer construction results in a "beaded" edge and serves as a protection all along the top edge of the liner. This is accomplished with a SINGLE row of locked stitching through the Mylar base.
- i. A single layer of fusing tape or bridle-tape is not sufficient protection in this area and is not acceptable.
- j. The bottom edge of the standing collar is to be sewn through and through, to attach the double layers of Cramerton lining to the outer layer of whipcord. This row of stitching is immediately below the bottom edge of the Mylar foundation.
- k. Construction of the collar in this manner provides the most dimensionally stable garment, without the additional rows of needle holes.
- l. Braid trim, fabric welt, and embroidery are to be applied to the outer fabric of collar before assembly. This prevents sewing the trim "through" the Mylar core with additional rows of needle holes.

13. COLLAR LINER (see illustration #4)

- a. The fabric used in the construction of the washable snap-in, replaceable liners is two layers of VISA treated polyester whipcord. The VISA treatment offers soil release properties in this washable part of the garment.

- b. The liner is to be die-cut in a curve to allow it to lie properly against the neck of the wearer.
- c. There are seven female gripper snaps evenly spaced and secured through both layers of liner fabric. These are to match up with male gripper snaps on collar lining.
- d. The top, bottom and rounded side edges of collar liner is to be bound with a finished binding of non-absorbent Cramerton fabric.
- e. There is to be a bartack at each end of the binding.
- f. The liner is to be positioned to extend 1/8" above the whipcord collar fabric.
- g. Each liner is to be sized to corresponding collar and numbered to match coat size.

14. SOFT COLLAR

- a. Soft collars, lapels, and outer pocket flaps are to be hand shaped and cut according to fine quality tailoring practices.
- b. Bridle tape is to be placed at the lapel roll, to retain smooth lines and afford a permanent shape.
- c. Under-collar felt is to be pre-biased 50% wool/50% Rayon composite.
- d. All edges are to be topstitched (with the exception of satin lapels) through and through, from the facing edge through coat front lapels and collar to the opposite edge. Topstitching is to be 1/8" from edge.

15. SEAMS

- a. Coat is to be completely machine stitched except in areas where specific tailoring requires other methods.
- b. The ends of all seams are to be backstitched not less than 1/4".
- c. Coat back is tailored with either a 2-piece back or 4-piece back, if needed, to facilitate insertion of contrasting color panels, trim, etc.

16. THREAD

- a. Threads for seaming are to be 50/3 cotton wrap core thread, 70/2 poly wrap core thread, or 100/2 poly wrap core thread based on the strength requirements of the type of seam.
- b. All threads are to be heat resistant, vat dyed, sun-fast, dry-cleanable and moisture proof.

17. BUTTONS / BUTTONHOLES

- a. High-quality metal buttons are to be used where specified and are to be attached by sewing, ring and washer, or toggle and washer.
- b. Buttonholes are to be manufactured using the cut-first method. The hole is to be cut-first, and the edge is to be covered with gimp and twist to cover the fabric and inner canvas edge. The back of the buttonhole is to be closed with a bartack reinforcement.

18. ZIPPERS

- a. Zipper is to be heavy-duty brass with an auto-locking pull-slide. Tape is to be 9/16".
- b. Zipper is to be bartacked top and bottom and sewn to facing surface, not sandwiched in between shell fabric and facing.

19. FUSING

- a. Certain trim designs call for added reinforcement. This is to be done with Pellon 8557 engineered dot fusible. It is guaranteed against delamination and dry-cleaning. It is to "tear away" from areas not covered with braid or other trim.
- b. Use of Pellon SF134 as reinforcement for trim is unacceptable.
- c. The entire coat front outer fabric is to be reinforced, in addition to the "traditional" sewn innerlining, whenever looped braid designs are specified.
- d. When sleeve cuff trim is utilized, the lower sleeve is to be reinforced from the cuff bottoms, up as needed.

20. WASHABLE OPTION

- a. Buyer may opt to change the coat specifications to be a washable item. The coat will have washable shoulder pads and will be fully lined. Front inner foundation, sleeve heads, and underarm shields may be omitted.

Illustration #1

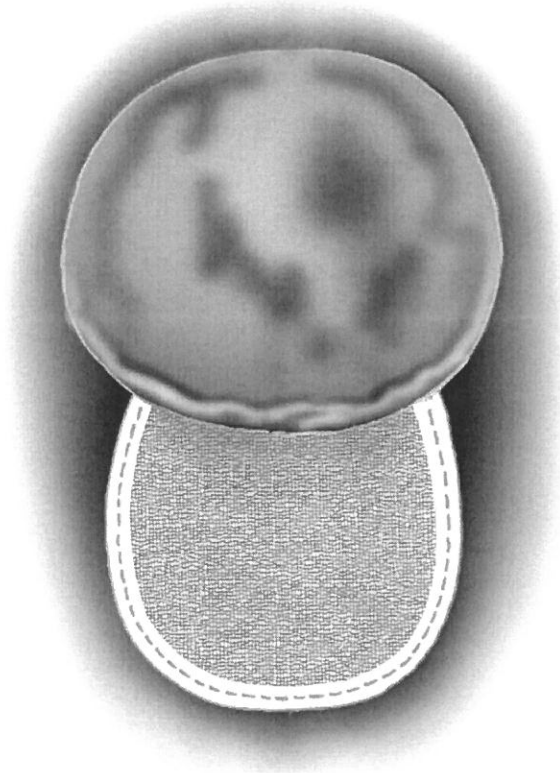


Illustration #2

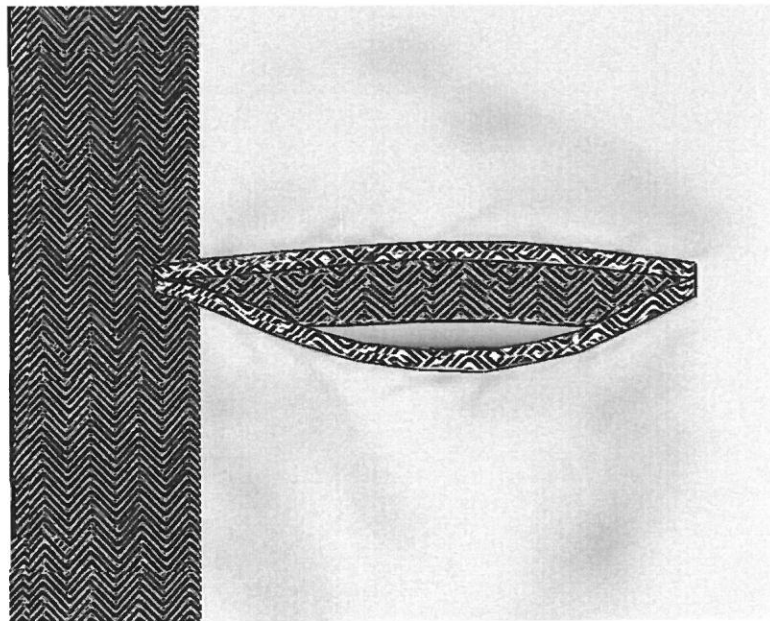


Illustration #3

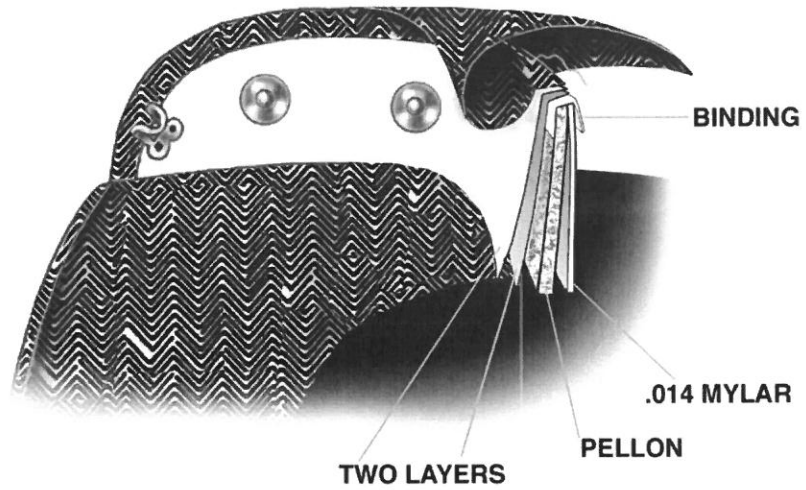
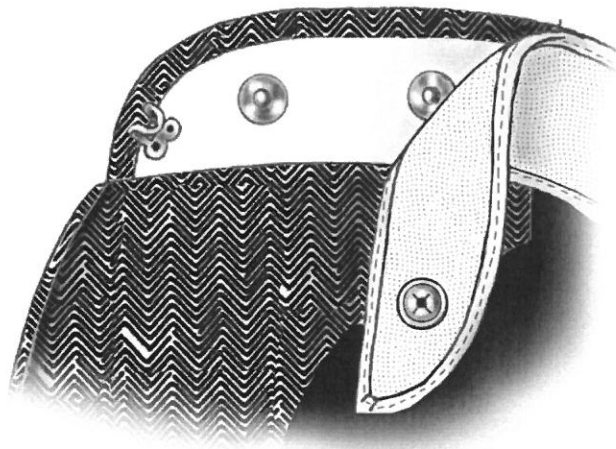


Illustration #4



BIBBER TROUSER SPECIFICATIONS

1. PATTERNS

- a. Bibber trousers are to be cut in a full-length pattern, allowing extra fullness at the waist area to accommodate a generous fit throughout the range of sizes.
- b. They are to utilize both MALE and FEMALE patterns.
- c. There are to be two darts in the seat and waist area, measuring approximately 10" on a 38R sample.

2. SHOULDER STRAPS

- a. Bibber is to be adjustable at the shoulders by means of a one-piece molded indestructible polymer slider.
- b. Slider is to be permanently fixed to the double-ply shoulder straps.
- c. Straps are turned and finished with a lockstitch on each edge, set in 1/8".
- d. Width of shoulder strap is to measure no less than 1 1/2" and be a minimum of 14" in length for maximum adjustability.

3. INNERFACING

- a. The upper portion of the bibber is to have a generous innerfacing front and back will all exposed fabric edges tightly serged to prevent raveling.

4. FRONT CLOSURE

- a. The inside of the right fly is to be lined with a layer of durable polyester cotton material. It is to extend beyond the four-way crotch assembly.
- b. The left fly is to be reinforced with Pellon SF134W to provide permanent shape retention and durability. It is to be bound with a preshrunk, bias cut, tape for appearance and durability.
- c. There are to be three bartacks at the base of the fly for additional reinforcement; two vertical bartacks on the lower front fly interior and one horizontal bartack at the bottom of the lower front fly exterior.
- d. The fly zipper is to be SOLID BRASS of Y.K.K. quality. There is to be a #3 hardened brass wire stop at the base of the zipper.
- e. The front fly is to be secured at the top of the waistband with two stainless gripper snaps; placed above the zipper terminal. "Hook flex" is also available, if requested.

5. CROTCH

- a. There is to be a "four-way" crotch reinforcement consisting of 50/50% polyester-cotton pocketing cut on the bias for strength.
- b. There are to be four, two-ply sections, one on each side of the fly, seat seam and inseams.
- c. Crotch area is to be clean finished with no extra fabric extending from tops of inseams.
- d. Trousers having merely a two-way reinforcement or no reinforcement at all, are not acceptable.

6. LEGS

- a. Trouser legs are to be finished at the bottom with a 3" turn under to allow alteration for future growth.
- b. Legs are cut straight down from the knee, resulting in a circumference of 19" at the finished bottom edge (standard 38R size).
- c. The hem is to be taped all around with a pre-shrunk bias polycotton finishing tape, then blind stitched for appearance and ease of alterations. Taping all around provides a clean finished edge for full length use, as well as protecting the fabric edge completely. Simple flat taping with a rayon hem tape is unacceptable.
- d. Striping is centered over the outseam and NOT sewn into the seam. It is to run the full length of the leg, including the turn-up allowance at the bottom edge. It is to be finished "flat" at the cuff turn under edge, not folded under the edge.
- e. The outseam of each trouser leg is to be a triple safety serged seam, or "blue jean" stitch. This type of seam is much stronger than the traditional "busted" seam and adds strength and stability to the "stripe side" of the leg. Flat pressed or "busted" seams in this area are unacceptable.

- f. The inseam of each leg is to be a flat pressed or “busted” seam whereby both ends of the fabric are lockstitched together and pressed back flat. This is necessary to facilitate alteration of the trouser within the seat and upper thigh area.
- g. On request, an adjustable hem feature is available. The ridged/grooved polyester snap-tape shall extend from the bottom of the hem 12” with a total of 11 male snaps and 11 female snaps (22 total snaps) and will be centered on both inseam and outseam. This allows a ½” of adjustability with each snap for a total of 11” of adjustability. The snap tape will be back-tacked on each end with a $\frac{3}{8} - \frac{1}{2}$ ” tack. Sideseams will be “clean finished”.

7. SERGING

- a. All edges of seams and outlets are to be serged in a professional, high quality manner, eliminating the possibility of raveling.

8. THREADS

- a. Threads for seaming are to be 50/3 cotton wrap core, 70/2 poly wrap core, or 100/2 poly wrap core, based on the strength requirements of the type of seams.

9. POCKETS

- a. FOB watch pockets, when specified, are to be the same precreased pocket and are to be bartacked at the two upper corners.
- b. Pocketing material is to be 70/30 poly cotton; 50/50 in the warp and 100% poly in the fill.
- c. Pockets constructed in a “sandwiched” or “bagged” fashion are unacceptable.

HEADWEAR SPECIFICATIONS

All shako products both fur and West Point styles are to be manufactured to Ashley or Castellane quality standards as follows:

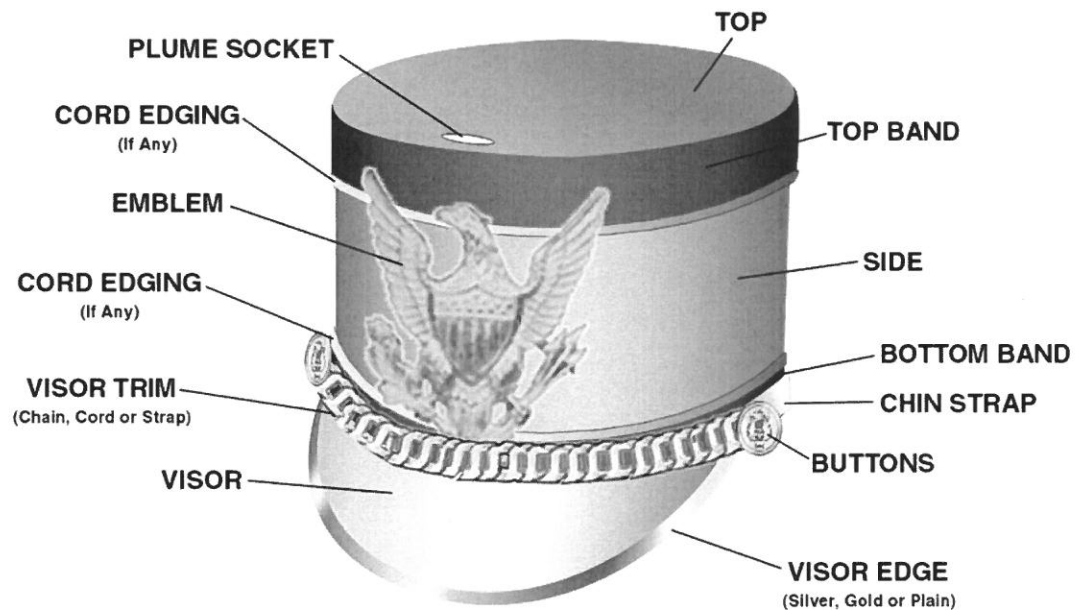
Hats must have securely sewn construction using no brads or staples in shell to create discomfort. The bottom bands are to be tucked and sewn (not stapled) to insure against pulling out or frayed edges. The back seam must be double reinforced 1" from the top and 1" from the bottom. The drawstrings are to be polypropylene tipped and are extra long.

The inside shells must contain a rubber additive to guard against cracking and to increase comfort to the wearer. The lack of this additive will produce a brittle shell composition and consequently an inferior base, subject to a number of problems in both high and low climate extremes. All units are packaged in a "strong box" case. Plume sockets when requested are made of unbreakable nylon.

Special shako features must include heavier eyelets with washers on the back in the sweatband to strengthen the lace holes and protect against ripping and tearing of the holes in that sweatband. The back seam is double reinforced to strengthen and guard against splitting, tearing or exposing the inner shell during changes in weather conditions. The outer covering whether vinyl or fabric is used, must be fastened to the shell by bartacking before applying the sweatband. This prevents the staples from weakening the shell or causing discomfort to the wearer. The visors are to be constructed of only laminated materials-not plastic-and must be sewn on to insure against cracking and discomfort. The use of plastic visors is not permitted as tests have clearly proven that cross hatched one piece visors will discolor and lose strength as a result of ultraviolet sun rays during wear. All buttons are metal only with reinforced back and extra long prongs. No soldered or plastic buttons are acceptable. The plasti-pak "strong box" is to be composed of high impact styrene and capable of withstanding 300 pounds of pressure. It is to be waterproof, snap-latched with an injection molded body and handle.

Fur covered shakos will have an imitation bearskin covering with approximately 1" pile. Fur is to be 75% acrylic and 25% modacrylic with 100% poly backing. Weight is 27 oz. per yard. This material meets flammability requirements and is washable.

Plastics used for headwear products are hi-impact, multi-layered super tough materials that are extruded using advanced resin technology and state of the art systems. These components utilize proprietary extrusion systems to synchronize orientation levels and increase the product elongation and impact strength. They have passed 94HB Underwriters Laboratory standards.



All Victory headwear and flocked aussie styles will incorporate a spring loaded cord lock to hold the hat securely during performance. The shell is constructed of the finest material with the same rubber additive mentioned above, to prevent problems with cracking, etc. The actual finish is a brilliant nylon flock fiber that is made for outdoor wear and durability. Each piece of headwear will have a patent vinyl edgeguard available in black, white, silver and gold mylar to protect and enhance the appearance. Packaging will be in the "strong box" container and attache' type carton with fold down handles and double wall construction.

Helmet is constructed in the style of the "Regiment" helmet and is made in a special vacuum formed mold. The helmet is constructed of hi-impact, multi-layered, super tough styrene that is extruded using advanced resin technology and state-of-the-art systems. These components utilize proprietary extrusion systems to synchronize orientation levels and increase the product elongation and impact strength. Materials have passed 94HB Underwriters Laboratory standards.

The inside is fitted with special multi-adjustable suspension system which will allow a one-size fits all product in this helmet. Each system can be adjusted to increase fitting pressure around the circumference, and is constructed of soft comfort-flex material with an easy adjustable snap-lock feature. All helmets are protected around the outer edge with vinyl edgeguarding to protect the shell and for an enhanced appearance. Plume sockets when requested are made of unbreakable nylon.

UNIFORM MANAGEMENT SYSTEM

The band uniform order is to be accompanied by a Uniform Management System program with the following features:

Customer information is available via:

Uniform Management System program - Internet Download

Customer Data - Internet Download

The Uniform Management System will manage student information regarding the assignment of band uniforms and is alterable on a continuing basis as sizing needs change. The program will contain an AUTO-ASSIGN feature which automatically assigns uniform pieces to the students based on their entered measurements. In addition, the student database will include full contact information for student and guardian, and will possess the ability to generate address labels and garment bag identification tags. The system will also produce student uniform rental/usage agreements as per needed. The software will be compatible with Microsoft Windows XP, Microsoft Windows Vista, and Apple Mac OS X (PowerPC and Intel). The Uniform Management System must provide ONLINE/TELEPHONE technical support FREE OF CHARGE. Software updates will be available 24 hours a day, 7 days a week via the internet site.

CERTIFICATION OF FABRIC

This is to confirm that bidder is to use first quality goods. The material supplied is to be 11 1/2 oz. 100% Polyester.

All fabric is purchased directly from the mills, not purchased from jobbers or wholesalers. The manufacturing mill is to stand behind the durability of fabric per handling and care instructions included on care label sewn into each uniform.

Bidder_____

Signature_____

**Donald R. Adamski
President & COO**

DEVIATION FORM

In the event that the undersigned Bidder intends to deviate from the specifications by utilizing any materials, items, treatments, finishes, inner construction, tailoring details, etc., contrary to those listed as standards in the specifications, the bidder is to fully document and list each deviation in complete detail including reasons for the deviation. General statements are not acceptable. Furthermore, these deviations are to be approved in writing.

If no deviations are submitted, the bidder assures the buyer of full compliance with the specifications and conditions, and assures the buyer that samples accompanying bid meet all construction specifications.

If deviations are found on said sample, and not listed, the bidder is to be disqualified!

Date _____

Company _____
Signed _____
Title _____

BIDDERS EVALUATION FORM

All bidders are to complete this form in order to complete the evaluation of the bids.

In conjunction with price, the award of the bid is to be based on the quality of the uniform sample, experience of the manufacturer, the reputation of the manufacturer, and ability to provide necessary service.

Name of Manufacturer Bidding: _____

Address: _____

Telephone No.: _____

1) Experience: Number of years company has been in business. _____

2) References: (a) List (5) five accounts presently wearing band uniforms manufactured by company. Uniforms should be 3 or more years old.

(b) Bidder shall submit copy of written warranty.

Local Representative: Name: _____

Address: _____

Telephone: _____

STYLE SPECIFICATIONS

Coats - Band

Quantity: 175
Band Type: Band

Style: Waist Length
Fabric: 4892-100% Polyester-11 1/2 oz.
Shade: 5650 Black / 9123 White

Closure: Concealed center back brass zipper with (2) snaps to secure flap. Each Coat is to have a Charms Approved Barcode Label

Front

Coat is wide shoulder with the side seams of coat to be 2" shorter than standard and taper the waist by 3" overall. Offset point to left side to be 3" longer than the side seams. Coat front in 4892-9123 White with split color front dye sub. The wearer's right front to have a special dye sub pattern of Black and White Carbon Fiber pattern. The white should be close to the collar and the black should radiate out from center and go all the way to the side seam. The side seam should finish black. The wearer's left front is to have a special dye sub Red and White Carbon Fiber pattern. The white should be close to left center of chest - about where you would place a school logo and the red should radiate out from this white in a circular pattern. On the left coat front a curved and tapering appliqué of Silver Lahm that is edged on top and bottom with 1/4" wide welts of 212-Black. This is to come out of the collar on the left side.

Back/Tails

Back of 4892-5650 Black. Coat cut straight across the coat bottom.

Collar

Wrap Collar with mylar innerlining. Most of collar in 4892-5650 Black and from left shoulder seam to left front of Silver Lahm. Collar is lined in black with a removable collar liner. Collar to have a curved "V" neck look. Left side of the collar is wrapping over the right side. The right side of the collar is to have a 3/8" welt of Silver Lahm that goes from front center to left shoulder seam. Silver Lahm part of collar to be edged on the top and bottom with 1/4" 212-Black welts. The left side of the collar is to be bound across the top with 212-black binding.

Slv. Trim

Right Sleeve of 4892-Black lined in black. Left Sleeve of 4892-White lined with black coat lining. Left Sleeve to have a dye-sub Red and White Carbon Fiber pattern where the white is in line and matches up with the white on the left chest. The red radiates out and down the sleeve. There should be black that is a dark black at the cuff and fades up as it goes up the sleeve and ends in the red print. To have adjust-a-cuf snap hem for ease of adjustability

Bib Trousers - Band

Quantity: 175
Band Type: Band

Style: Bib Trousers
Fabric: 4892-100% Polyester-11 1/2 oz.
Shade: 5650 Black

Lining: Unlined
Pockets: One right inserted reece fob pocket.
4-Way Reinforced Crotch: Yes
French Fly: Yes
Woven ID Numeral: Yes

Description: Permacrease in trouser legs. Trousers to have adjust-a-cuff with snaps. Each Bibber is to have a Charms Approved Barcode Label. Washable Garment Care Label.

Stripes

On left leg to have a custom printed panel of black and red printed blocks, The blocks should be evenly spaced down the leg. The top "striped print" should be 5" wide and 3" tall and have a grade that follows the taper of the panel on the left trouser leg. Spaced 2" apart. The Red Blocks should fade in a consistent manner going down the pant leg and should "vanish" into black at the cuff of the leg.

Shako Wraps - Band

Quantity: 175
Band Type: Band

Style: Shako Wraps

Decription

Custom printed 290 wrap. Back half of wrap from side button to side button of high luxury double layered black lycra. Split color front half with the right front (starting at the right side button) of black vinyl that curves up to the wrap to finish to the left of the front center point. Black portion should finish 5" above the top of the shako. Set 1/2" in from the left edge of the black a curved and tapering welt of Silver Glitter Twill. Left side of front from left side button to black wedge of 4892-White with custom dye-sub printed Red and White Carbon Fiber pattern to match the coat front. Wrap to have elastic button loops to anchor the wrap to side buttons of shako.

Shakos - Band

Quantity: 175
Band Type: Band

Style: 290 Shako from Castellane MFG

Decription

Flat top shako in black vinyl. Omit top band. 903 Silver Front mirror attached to Silver half dome side buttons. Nut-Bolt plume socket connection. Black Visor with Silver Edge. Black Chin Strap with Nickel Hardware. Adjustable sweatband.

Shakos Boxes - Band

Quantity: 175
Band Type: Band

Style: Ashley

Decription

Black molded plastic shako box with comfort grip handle.

Plumes - Band

Quantity: 175
Band Type: Band

Style: 12" Millenium Upright with Nickel Cup. To ship in plume tubes.

Expand-a-Fit Zipper Extenders

Quantity: 10
Description: 3" zip in coat extensions

Garment Bags

Quantity: 175
Band Type: Band

Style: Value Line

Description

44" Long Black heavyweight polyester with urethane coating garment bag. To have a clear-ID window, separate shoe pouch, hanger hole and convenient handle loop at bottom. To have a Red screen printed school logo.

Drum Major Uniforms

Quantity: 4

Band Type: Drum Major

Style: Drum Major Uniforms

Description: to consist of a 32" Red Oriental Pheasant Plume mounted to a shako wire.

Raincoats

Quantity: 175

Band Type: Band

Style: Standard Performer

Description: ¾ oz. 200 denier polyurethane coated nylon shell fabric. Double needle construction throughout. Side seam pockets. Sealed shoulder seams for maximum weather protection. To have Air-Cool lining in black. Snap front closure and oversized hood with zipper closure. To have a one color custom screen printed logo on left chest and one on hood. To be available in sizes XS – 3XL.

Hangers

Quantity: 300

Band Type: Band

Style: Molded plastic

Description: 19" Black Molded Plastic Hangers with Pant Bar.

Banner

Quantity: 1

Band Type: Band

Style: 8ft. Digital Print Banner

Description: Custom digital print custom banner to be designed by customer.

BID FORM

The bidder certifies he has familiarized himself with your specifications, had carefully read them and understands their contents. Any uniforms furnished by us will be in the style and quality requested.

Quantity	Item	Unit Price	Total Price
175	Coats - Band		
175	Bib Trousers - Band	_____	_____
175	Raincoats		
175	Garment Bags		
175	Shako Wraps - Band	_____	_____
175	Shakos - Band	_____	_____
175	Shako Boxes - Band		
175	Plumes – Band	_____	_____
4	Drum Major Uniforms		
10	Expand-a-Fit Zipper Extenders		
300	Hangers		
1	Uniform Management Software Program	_____	_____
1	8ft Digital Printed Banner		
		Total Bid	_____

Terms:

If awarded the contract, the undersigned agrees to ship the entire order within _____ calendar days after approval of the sample and receipt of necessary details and all measurements.

Company Name : _____

Name (Please Print): _____

Signature: _____

Title: _____

Phone: _____

Date: _____