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Indian Industrial School,
Carlisle, Pa., Nov. 9, 1906.

AUTHORITY

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INDIAN AFFAIRS	DEC 26 1906

M. I. Zeigler:

Reports on estimate for shoe
and harness making material for
the Ft. Shaw School, Mont.

5 Inclosures.

To Secy. Nov. 26/1906
 " Secy. Dec. 19/1906
 To Chi }
 To Ft Shaw } 1/3/06.

F

Schooley

should be sufficient.
 and 133 (Jannard paper rings) on schedule. 4 Gross of each
 should be sufficient.
 Very respectfully,
 Through the
 Carlisle Indian School.
 Superintendent.
 Respectfully forwarded,
 Acting Superintendent.

DEPARTMENT OF THE INTERIOR,
INDIAN INDUSTRIAL SCHOOL,
OFFICE OF SUPERINTENDENT.

Carlisle, Pa., November 9, 1906.

The Honorable,
The Commissioner of Indian Affairs,
Washington, D. C.

Sir:

In compliance with instructions contained in your letter (Finance 89059/1906) dated October 22, 1906, to the Superintendent, Carlisle School, I have the honor to make the following report relative to the list of shoe and harness tools and supplies for the Fort Shaw School, Montana:

- 1 set dies with handles for cutting out soles for men's shoes, 2 to 9;
- 1 set youth's dies with handles for cutting out soles for youth's shoes, sizes 11 to 2;
- 1 set children's dies, with handles, for cutting out soles of children's shoes, sizes 6 to 10;
- 1 die with handle for cutting heel, No. 2;
- 1 die with handle for cutting heel, No. 4;
- 2 dies for cutting counters with handles, small and medium.

The above dies are necessary in a shoe shop provided they have lasts in sizes to correspond with the dies wanted. The request is understood to be for out-sole dies; insole dies would be needed to go with them. He will have to furnish a pattern for every die he wants. The pattern must be taken from the last that each particular sized die is to cut a sole for. Dies are only required in shops where new shoes are made. The heel and counter dies asked for are all right and can be used in new work and repair work.

1 Fitter's pasting stand and three blocks same as cut inclosed.

This tool is a matter of convenience--not absolutely necessary./
They are not used in the Carlisle factories nor in the school shop here. The operator cannot bother with pasting vamps. He simply is taught to set and place the vamp and fixings under the needle with they eye. The operator who learns this way will produce three times as much work in a given time, and it will be just as correctly set and sewed.

1 14-inch hand rolling machine, for rolling sole leather---O.K.

1 No. 3 Solidity outfit, for repairing, same as cut inclosed, including lasts.

Not necessary. They got 6 Crispin jacks and a regular iron counter stand with 4 iron lasts about a year ago, which should be sufficient for all purposes.

1 doz. assorted sizes punch tubes to fit C.S.Osborne 6-tube spring punch, 2 tubes of each size from No.1 to No.6----O.K.

They got two C.S.Osborne 6-tube spring punches about a year ago. I suppose the tubes wanted are to replace broken tubes in same punches. They are hard on tools if they have broken these 12 tubes in so short atime.

1 set eyelet pockets for U.S.hook machine----O.K.

1 No. 4 and 1 No.2 rawhide mallets for use with dies----O.K.

1 side oak welt leather-----O.K.

1 set of eyelet anvils for the U.S. machine---O.K. This is to make repairs, I suppose, on the above machine, which they just got last fall.

1 gross assorted sizes sewing machine needles---They do not say what kind of a sewing machine the needles are intended for. Each

style of machine has its particular kind of needles.

The Hold Fast wire clinch nails are O.K.

The nail cutter (Manchester Pattern) is not necessary. They can slip the shoe on an iron last and pound the nail down flat which will make by far the best job.

The burnishing ink, lip knives, button machine, button fasteners and ^{Ladies No. 4 Black} shoe buttons are O.K.

1 Wheeler & Wilson No. 45 two-needle machine with suitable footpower stand.

This machine is not suitable for the ordinary Indian shoe shop on account of the complications in its mechanical construction. It is very difficult to fix when out of order, which is liable to occur in an Indian shoe shop where there are few skilled operators. It is intended for large factories where they want to make time; have skilled operators and have steam power. It is very hard to run by foot power. It is also high in price. The machine that will suit best for the Fort Shaw shoe shop is a one-needle, left hand, cylinder bed, foot power, class 18, No. 18-3 machine, having wheel feed, the feed being at left of needle and is used for stitching the vamp over the quarter. It is used for shoe vamping and similar stitching. This machine is not so liable to get out of order and will suit their purpose. It will cost anywhere from \$38 to \$50. It is a Singer sewing machine, manufactured by the Singer Sewing Machine Mfg. Co., Elizabethport, N.J.; branch offices, No. 616 9th St. N.W., Washington, D.C.; 614 W. Superior St., Duluth, Minn; and 561 Broadway, New York City.

6 Gomp single edge creasers, size 1 to 6----No. 24½ Layer creasers, octagon, Nos. 0, 1, 2, 3, 4 and 5 in C.S.Osborne & Co's catalogue will suit much better. They will cost \$3.60.

1 Doerings patent adjustable iron jaw stitching horse.----Can be displaced with item 166 on schedule, cost \$2.00.

1 pair of Moline rein round attachment for stitching horse---not necessary.

1 C.S.Osborne spoke shave----Not necessary.

1 buckle tongue punch----No. 151 Bag punches in Osborne catalogue 2 sizes $\frac{5}{8}$ " and 1", will be better. The two punches will cost about \$1.80 and are far more serviceable; then there are 2 sizes, whereas in the buckle tongue punch there is only one size and very easily broken.

Gomph V tool----not at all necessary.

One set of pinking irons. Not necessary

One Osborne saddlers compass----can be displaced with compass on schedule under carpenter's supplies.

1 doz. Perfection team pads, complete----O.K. *with X.C. trimmings, harness leather # 26.16 housings*

1 gross team pad screws---can be taken from schedule, item 122.

1 doz. Sand A team pad hooks---Can be displaced with item 121 on schedule.

1 doz. iron coach hames, low top.----The size of hame, weight per pair and size of hame strap loops are not stated. The kind of hames that will suit the team pads would be one doz. pairs or 6 double sets of iron coach hames X. C. plate, band pattern terretts, $1\frac{5}{8}$ ", $\frac{3}{4}$ " hame strap loops, $\frac{3}{4}$ " inside ring strap loops, weight 8 lbs. to the double set. The sizes required will have to be furnished,

and should be about 1" greater than the collars they are to fit.

The blind irons are O.K.

1 gross $\frac{3}{8}$ " Cleveland snaps----not necessary.

1 gross $\frac{5}{8}$ " Cleveland snaps,--- $\frac{1}{2}$ gross should be sufficient.

1 gross $\frac{3}{4}$ " Cleveland snaps--- $\frac{1}{2}$ gross should be sufficient.

1 gross $\frac{3}{8}$ " roller buckles---Should read $\frac{3}{8}$ " X.C. shoe buckle without loop. $\frac{1}{2}$ gross should be sufficient as this size is very rarely used.

2 gals. harness edge ink---This can be displaced with item 83 on schedule, with 8 qts. of ink burnishing.

The Breeching Dees are O.K.

$\frac{1}{2}$ gross each of the three sizes of bridle squares should be sufficient.

$\frac{1}{2}$ gross ^{of 1"} halter squares should be sufficient.

1 $\frac{1}{2}$ " halter squares are not necessary.

$\frac{1}{2}$ gross of 1" halter bolts should be sufficient.

The 1 $\frac{1}{2}$ " halter bolts are not necessary.

The 1" and 1 $\frac{1}{4}$ " halter swivels can be displaced by items 139 and 139 (japanned halter rings) ^{with loop} on schedule. $\frac{1}{2}$ gross of each should be sufficient.

Very respectfully,

Through the
Superintendent
Carlisle Indian School.

M. J. Zeigler

Through the Respectfully forwarded,

Joe Wise
Acting Superintendent.