certain piece of work, another may do it in two hours. Hence it requires an extended experience in the handling of men to determine, under all circumstances, the time required and the cost incurred in performing a certain amount of mechanical labor; and this is where many estimators fail.

We venture to say in support of our statement, that if any ten subscribers who are contractors and readers of this paper, take them as they run, were called upon to estimate the labor of putting up any new block that may now be in course of construction in this city, there would be a difference of fifty per cent., from the highest to the lowest, which would only go to prove that in matters of judgment not based upon a thorough knowledge of the exact facts, we are all liable to make mistakes, and the contractor never did anything that never made a mistake.

The third cause of unreliable estimates, we have said, was the method adopted by the building trades of procuring work by competition. Here the reliable builder, be he ever so competent in figures and

judgment, allows his anxiety for business to run away, with his better convictions. To this class of mechanic we cannot read too severe a lecture; for it is by his rash, capricious acts that prices are lowered, and fair values cut to the minimum. It is not dishonesty that prompts him to submit a low estimate, nor does he intend to injure his fellow contractors; but in less anxiety to carry on a large business, or to occupy his enlarged facilities, he oft-times is 1-d to underestimate the cost of a piece of work even lower than

his own judgment dictates.

We know from a long association with builders and contractors, that it is better to take one job at a good price than to have ten at a losing figure, and there is no one who will contradict us; and yet the same condition goes on from year to year, without an attempt to improve it. That there is ample room for improvement no one can deny, and we have some hope that the building fraternity, when they fully understand the issues at hand, will take the proper steps towards a reorganization of the system of estimating and the rules which govern the submitting of proposals.

The system so long practiced in England of quantity surveyors is a vast improvement upon the American method of arriving at the cost of a building, for it regulates the judgment of the builder to a certain extent, and at the same time confines the proposal to a closer condition of facts, and hence brings them within a radius of the proper percentage of cost; and yet, even in the face of a system of this character, the value of labor becomes an important factor, which, as we have said, must ultimately be governed by a matured condition of mechanical judgment, engrafted upon the builder by extended practice. - Southern Architect.

## Prices of Building Materials.

LUMBER.

CAR OR CARGO LOTS.

11 and thicker clear picks, Am. ins	<b>३३० ०</b> ०	(4 3 s	00
134 and thicker, three uppers, Am ins.	-	37	00
t and thicker, pickings, Am ins		37	00
1 x 10 and 12 dressing and better	18 ∞	10	00
t x to and ta mill run	13 00	14	00
1 x 10 and 12 dressing	14 00	16	00
1 x 10 and 12 common	ia oo	13	00
I X 10 and 12 spruce culls	15 ∞		
1 x 10 at 1 12 maple culls		ū	00
z inch clear and picks	28 ∞		
1 inch dressing and better	18 ∞		
1 inch siding, mill run	14 00	16	00
t inch siding, common	11 00	12	
1 inch siding, ship culls	\$10 00	Siz	00
i inch siding, mill culls.	8 00		00
Cull scantling	8 00		00
114 and thicker cutting up plank	22 00	25	
t inch strips, 4 in. to 8 in. mill sun	14 00		
1 inch strips, common	11 00		
134 inch flooring	14 00		
t 1/2 inch flooring	14 00		
XXX shingles, sawn	2 30		
XX shingles, sawn	1 30		35
		•	,,
Metallic Roofing Co. of Can	ada :		
Heavy Eastlake galvanized steel shin-			
gles, per square			75
Light Eastlake galvanized steel shin-		3	13
gles, per square			25
Sumi her admineration		3	-3

M24 Notre Same Street Montreal. October 14 - 1890

6. H. Mortimer Esq. Authorizanadian Architect & Quilder. and Continut Record. Dear Siz.

I have to inform you, that, the following resolution was unanimously adopted, at the First annual meeting of the Province of Quebec accordation of architecto held in Montreal on 10 = 1 11 time!! movedby of Eucles more assembled in con-rentin being satisfied that the Canadian Contrast Record affords M. Ferrault. seconded by. a.t. Dimlop. us a direct communication with The contractors. Resolved . That we pleage our support to it by using its columns when calling for tender

calling for trule Jours huly 6. blife Secretary Heavy Eastlake painted steel shingles, 4 00 Light Eastlake Painted steel shingles, per square...
Tower or Mansard galvanized steel shingles, per sq...
Tower or Mansard painted steel shin-3 75 6 25 Tower or Mansard painted steel shingles, per sq...

Terra Cotta painted steel Tile, per sq.
Eastlake painted steel stding, per sq..
Manitoba galvanired, steel siding, per sq.
Heavy Manitoba painted steel siding
Light Manitoba painted steel siding
Heavy sheet steel pressed brick...
Light sheet steel pressed brick...
Painted crimped steel, siding or ceiling
Price of Copper shingles according to weight.
Hayes Patent Metallic Lathing,
Broad Rib Roofing, galvanized, per sq.,
Northwestern Steel Siding, painted,
per sq...
Canada Galvanizing & Steel Roofing C 4 50 7 CO 3 50 4 75 3 50 3 25 3 50 3 25 3 50 \$ 5 25 3 75 3 25 Canada Galvanizing & Steel Roofing Co.: 5 cts. 5%

Canada Galvanizing & Steel Roof
Corrugated Iron, galvanized, 26 W. G.,
per lb.
Corrugated Iron, galvanized, 28 W. G.,
Corrugated Iron, painted, 26 W. G.,
per square.
Corrugated Iron, painted, 28 W. G.,
Broad Rib Roofing, galvanized, per
square.
Broad Rib Roofing, painted.
Westlake shingles, steel, galvanized,
per square.
Westlake shingles, steel, painted
Standard shingles, "Walter 'patent,"
galvanized, per square.
Staddard shingles, "Walter 'patent,"
painted.
Northwestern steel siding, patented,
per Square.
Metallic Finish Brick, per square.
Metallic Finish Clapboard, per square

4 00 3 50

5 00 3 50

5 50

4 ∞

·				111.
•	YARD QU	OTATIONS.		
Mill cull boards	and scar	uling		10 0
Shipping cull widths Shipping cull b Hemlock cantli				·13 O
Shipping cull b	oards, st	ocks		14 00
Hemlock cantli	ng and jo	ist up to 16 ft.	11 0	
11 11		18 11	12 0	
Scantling and to	nist. un t	160	13 0	14 00
ii		18 ji		15 00
il	- 11	10 or		17 00
	**	33 ft		19 00
**	**	₹4 ft		21 00
**		26 ft		*3 O
**	**	±8 ft		25 00
**		17 (1		27 O
ii		34 11		29 50
•	11	34 ft 36 ft		31 0
	11	38 ft		33 0
"	. 11	40 to 44 ft		33 O
Cutting up plank	:s, 1 💥 an	d thicker, dry	25 00	2 <b>20</b> 00
Calan Carllante		board,	18 00	
Cedar for block p Cedar for Kerbi	paratug, I	er cord		3 00
Centr for Kerni	uR! 4 x 1	4, per at		14 00
	В.	M.		
inch flooring inch flooring inch flooring	, dressed	l. F. M	28 O	31 00
11/2 inch flooring	rough,	B. M	18 0	33 (
-13¥ " "	dressed	, F. M	25 O	28 cc
10	undres	ed, B. M	18 00	) tg oc
"	dressed	sed	18 O	33 C
Death tokensless	undress	sed		
Beaded sheeting Clapboarding, di	, uresseu	•••••	33 O	
XXX sawn shin	cles ner	M. 16 in	2 6	12 00
Sawn lath			2 0	279
Red oak			30 0	
White			35.00	) is 00
Basswood, No. 1 Cherry, No. 1 ar	and a		18 ∞	20 00
Cherry, No. 1 ar	ıd 2		70 O	
White ash, No.	1 and 3	:	25 00	
Black ash, No. 1	and 3	•••••	20 00	
Dressing stocks Picks, American	inspecti	nn	16 oc	40 00
Three uppers, A	merican	nspection		50 00
	•	•		30 00
		K—₩ M		
Common Wallin	g	·····	•	\$7 50
Good Facing	• • • • • • •	•••••	٠.	9 00
Sewer	• • • • • • • •	•••••	. 89	0 9 00
Pressed Brick	:			
Plain brick, f. o.	b. at Mi	lton, per M		\$18 00
Plain brick, f. o.	quality.	per M	•	14 00
				10 00
Hard Building			, _	. 8 00
Moulded and Or	namenta	l. per too	< 1	0 10 00
Roof Tiles Diamond locking		· · • · • • • • • • • • • • • • • • • •		24 00
DIRMONG TOCKING	; me	• • • • • • • • • • • • • • • • • • • •		16 00
First quality, f.o.				18 00

First quality, f.o.b. at Campbellville, per M 18 00 14 00 11 00 8 00 Stone . Common Rubble, Per Toise, delivered Large flat " " " " Foundation Blocks, " Cubic Foot... Slate: Roofing (V square).

18 00 9 00 9 00 7 50 25 00 8 00 Per Load of 11/2 Cubic Yards..... 1 5

PAINTS. (In oil, \$\varphi\$ ib.

White lead, Can.

" zinc, Can.

Red lead, Eng.
" venetian
" vermillion.
" Indian, Eng.

Yellow ochre...

Yellow ochre...

Yellow chrome.

Green, chrome.
" Paris.

Black, lamp.

Blue, ultramarine.

Oil, inseed, raw (\$\varphi\$ Imp. gallon).
" boiled
" refined,

Putty...

Whiting dec. PAINTS. (In oil, \$ 1b.) 7 50 6 % 7 75 1 00 12 10 20 12

CEMENT, LIME, etc. Lime, Per Barrel of a bushels, Grey... White Lime, Per Barrel of a nusness, Grey...

" " White
Plaster, Calcined, New Brunswick...

" Nova Scotia...
Hair, Plasterers', per bag...
Cement, Portland, per bbl...

" Thorold, "

" Queenston, "

" Napanee, "

" Hull, "

HARDWARE.

3 Q2 3 Q0

Cut Nails: Aut Natie:

American Pattern, 1½ inch, per keg...

1½ to 1½ inch, per keg...

2½ to 2½ inch, per keg...

3 inch and larger...

Steel-nails 10c. per keg...

Finishing nails, 2 inch, per keg...

1½ inch,