

How do good trained architects earn the fees paid them?—A case in point is in a letter recently received. We make the extract:—A friend of mine proposed to make an extension of one of his rooms, and consulted a builder, who suggested an arrangement for which he gave an estimated price of about £60. My friend, not being prepared to expend so much on his alteration, dropped the matter for a time, but subsequently consulted an architect, who was able to suggest another plan, giving more room and greater convenience, and this was ultimately carried out, including the architect's fee, for under £45. *Verb. Sap!*

Tenders for the Month.

Correspondents would in all cases oblige by giving the names and addresses of all the parties tendering, or at any rate of the accepted tender.

AUCKLAND.

Town Hall. Contractors, Ferguson & Malcolm, Auckland. Price £87,565. Architect in charge for Messrs. H. J. & E. J. Clarke of Melbourne Mr. J. Biddle. Clerk of Works, Mr. D. M'Laren. Foundation stone laid by Mr. A. A. Meyers, February 24th, 1909.

Whangarei—Wharf at Grahamtown for the Public Works Department. Donald M'Lean & Co., Wellington (accepted). £17,675. M. O'Connor, Wellington, £18,652 5s. G. Nicol, Auckland, £19,354 1s. 11d. R. B. Martin & Co., Auckland £20,631. FitzGerald & Bignell, Greymouth, £21,684. G. M. Fraser, Hamilton, £21,752 9s 7d. Howie & Matthews, Wellington, £24,938 7s. Watson, Rhodes & Son, Dunedin, £26,054 19s. 3d. A. Watson, Auckland, £27,448.

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WELLINGTON.

Roseneath—Alterations and additions. J. W. Fossett (accepted). £350. John S. Swan, Architect.

Victoria College—Gymnasium and Debating Room. M. Broman. £1,400 (accepted). F. Penty and E. M. Blake, F.F.R.I.B.A., Architects.

Karori—Residence. J. Mackenzie. £698 (accepted). Humphries Bros., £850. M'Lean & Gray, £745. W. Weston, £809 8s. 6d. Fletcher Bros., £950. H. E. Manning, £959 10s.

Shelter accommodation at the Ohio Home.—A. Seamer, £800 (accepted). Messrs. F. Penty & Blake, Architects.

Colway Estate, Crofton—Residence. Builders, Muir & Rose. Architect, W. Gray Young

Porirua Bridge for the Makara County Council. F. Greer, £255 (accepted).

Riddiford Street, Newtown—Erection of a bakehouse. A. Cooper & Sons, £799 (accepted). Crichton & M'Kay, Architects.

Coromandel Street, Newtown—Residence. H. H. Knight, £987 (accepted). Crichton & M'Kay, Architects.

Messrs Lowin and Bull have just completed the new Commercial Club buildings at Petone. Contract price about £600 They are at present erecting premises for the Bank of New Zealand branch, Petone. Contract price, £1,864. Thos. Turnbull and Son, Architects.

Up. Hutt—Cottage for Mr. J. Burns.—J. Bowen (accepted). £449; Hewat & Jamieson, £472; T. A. Swaziland, £475; Job Harrison £483 9s 6d; Wildsmith & Young, £486 15s.; Riddler & Firth, £494; Fletcher Bros., £497 10s.; A. G. Gellert, £499 10s.; Humphries Bros., £500; Pearce & Chatfield, £535 7s.; W. G. Shearer, £544; Pinney & Co., £545 7s.; H. E. Manning, £548; A. Heaton, £560. John S. Swan, M.R.S.A., Architect.

Bolton Street.—Residence for Mr. G. W. Frier.—J. W. Fossett (accepted), £884; H. H. Knight, £944; Stewart and Scott, £949 10s.; Martin Williams, £950; Humphries Bros., £954 7s 6d.; Fletcher Bros., £960; W. D. James, £973 10s.; Hunt and McDonald, £975 10s.; C. H. Dryden, £994; Lowrie and Keels, £1003 11s.; H. M. Davis, £1007; W. G. MacFarlane, £1025; W. G. Shearer, £1059; McLean and Gray, £1093; H. E. Manning, £1099; Watts Bros. £1131; Meyer and Illingworth £1297. John S. Swan, M.R.S.A., architect.

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MASTERTON.

New Municipal Gasworks (in course of construction). Corodine & Whittaker, Builders. £3,300. Varnham & Rose, Architects.

Additions and extensive alterations to Mr. C. F. Vallance's residence. F. Bacon, Contractor. £2,300. Varnham & Rose. Architects.

Tupurupuru—2 Cottages and stables for Mr J. Buchanan. Rose & Mason (accepted). £500 Varnham & Rose, Architects.

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CHRISTCHURCH.

Addington, Selwyn Street—6 roomed house for Mrs. Cunningham. J. P. Nolan (accepted). £650. England Bros., Architects.

Lincoln—8 roomed house for Mr. T. Henley. Beanland & Keates (accepted). £1069. England Bros., Architects.

Papanui Road—8 roomed house for Mr. E. B. Sealey. Tullock & Benjamins (accepted). £997. England Bros., Architects.

Auslebrook's Factory. Additions and alterations. J. & W. Jamieson (accepted). £439 England Bros., Architects.

Moorehouse Avenue—Vacuum Oil Co.'s Store. C. H. Cox (accepted). £1,474 England Bros., Architects.

Lyttelton—Alterations and additions to Forges & Co's Ironmongery warehouse. Thos. Bagrie (accepted). Luttrell Bros., Architects

Colombo Street—Three story brick and stone shop for Mr. T. Kincaid. D. Scott and Son, Builders. Clarkson & Bannatyne, Architects

During February 38 building permits were issued by the Christchurch City Surveyor, representing a building value of £14,846.

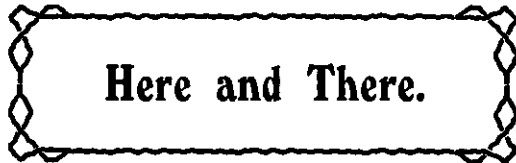
Asphalt.

Mr. Woolf of the Neuchatel Asphalte Company writes to our contemporary "Building" of Sydney on the subject of an article on Asphalts published by it in a recent issue, excerpts from which were reproduced in "Progress," objecting to some of the statements in the article. He says first that Asphalt is not as described in the article, a semi-liquid substance with sometimes mixtures of earth. His definition of Asphalt is "a pure mineral limestone rock naturally impregnated with bitumen" which, if it had the least suspicion of earth in its composition, or of refuse, would be useless for commercial purposes.

Referring to the geographical distribution of asphalt, he says that Trinidad contains no asphalt, but plenty of bitumen, of which its famous lake is composed; that Switzerland is not "noted for its hard asphalt," as the Swiss asphalt is recognised by all experts as being of a particularly elastic nature, and of a consistency of quality which has achieved for it the fame it enjoys: that the American asphalt referred to in the article is only bitumen.

Coming to the methods of treatment, Mr. Woolf declares that nobody who knows anything about asphalt would dream of adding fat under any conditions, or of using Stockholm Tar for the purpose of mixing; the chemical nature of the bitumen contained in asphalt being such as to render such additions disastrous instead of beneficial.

Regarding the statement that bitumen makes a very good roofing or damp course, he points out that the subjection of bitumen to atmospheric conditions is such that if used vertically on big areas there is a great risk of "creeping" a thing impossible in the case of **real asphalt.**



Here and There.

To get the most out of the headlights—now a most expensive item, see that the forks of the lamp brackets are absolutely perpendicular to the horizontal plane of the car.

In Switzerland they are making clocks which do not need hands and faces. The clock merely stands in the hall, and you press a button in its stomach, when, by means of the phonographic internal arrangements, it calls out "Half-past six" or "Twenty-three minutes to eleven," as the case may be.

The man to whom the Panama Canal owes the most is William Nelson Cromwell, who was the life and soul of the agitation for the undertaking of the work by the United States, and has worked for it unceasingly ever since. His motto is, "Look upon your work as your first duty, and attend to it unflinchingly."

Vaccination is becoming the recognised treatment for typhoid, anthrax, rabies, cholera and bubonic plague. Tuberculosis, however, still defies it. Here the dead bacillus is an aggravation. In the others it is protection.

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Jobbing Carpenter

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