

P A P E R S

RELATING TO

THE CONSTRUCTION OF ROADS IN THE NORTH ISLAND.

II. CONTRACTS ENTERED INTO UP TO 30TH JUNE, 1871.

PRESENTED TO BOTH HOUSES OF THE GENERAL ASSEMBLY, BY COMMAND OF
HIS EXCELLENCY.

WELLINGTON.

—
1871.

SCHEDULE of CONTRACTS for the CONSTRUCTION of ROADS under "Immigration and Public Works Act, 1870," to 30th June, 1871.

PROVINCE OF AUCKLAND.

CONTRACTS—ROADS.

3 D—No. 1A.

Locality.	Contractor's Names.	Number of Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Kopurerua Swamp ...	W. Cameron	...	...	TAURANGA TO JUDRA.	For	£ s. d.	£ s. d.	Under Mr. A. C. Turner, Engineer, Tauranga.
" "	J. Fielding	...	...	Erecting 1 Bridge ...	"	...	146 12 0	
" "	Ngaiterangi	...	...	Painting " "	"	...	4 10 0	
" "	J. J. Redmond	...	13 chains	Improving Road ...	"	...	350 0 0	
" "		...	...	Ditching, clearing Slips, &c. ...	"	...	25 6 0	
Matapihi to Maramatui Tana ...	Ngaiterangi	...	2½ miles	TAURANGA, MAKETU, WHAKATANE, OHIWA, OPOTIKI, OPAPE, TORERE, COAST LINE.	For	...	526 8 0	Under Mr. A. C. Turner, Engineer, Tauranga.
" "	Materawaho	...	...	Cutting, filling and forming 18 feet wide, making and fixing 1 Culvert.	"	...	250 0 0	
" "	Ngatamatuka	...	...	Cutting, filling and forming 18 feet wide	"	...	80 0 0	
Whakatane to Ohope...	Ngatapukeko	...	...	Constructing Road ...	"	...	70 0 0	
" "	Ngatiawa	...	...	" "	"	...	123 13 0	
" "	Ngatapukeko	...	...	" "	"	...	175 13 6	
" "	"	...	...	" Bridge over Wairere	"	...	50 13 6	
" "	Wepiha	...	51 chains	Road ...	"	...	12 0 0	
" "	"	...	...	Repairing " "	"	...	100 0 0	
" "	Katihu	...	...	" "	"	...	24 0 0	
Opotiki to Otara ...	Richardson & Delaney	1	85½ chains	" "	"	81 4 6	...	
" "		...	6½ chains	" "	"	14 6 0	...	
" "		...	3½ chains	" "	"	5 19 0	...	
" "		...	9 chains	Making and fixing 7 Culverts	"	10 10 0	...	
" "		...	...	Fascining ...	"	4 10 0	...	
" "		...	95 chains	Forming " "	"	83 2 6	116 9 6	
" "	J. Rushton	2	...	Making and fixing 2 Culverts	"	1 8 0	...	
" "		...	...	" " 2 large Culverts	"	3 0 0	...	
" "		...	95 chains	Clearing and forming	"	...	87 10 6	
" "	A. Smith	3	111½ chains	" "	"	...	121 10 5	
" "	T. Black	4	...	Additional Culvert ...	"	...	153 6 3	
" "	"	...	77 chains	Constructing Track ...	For	...	8 3 3	
Opape to Torere	Ranapia	...	216 chains	" "	"	...	58 0 0	
" "	Ngatai	...	211 chains	" "	"	...	70 0 0	
" "	W. Kingi	...	...	" "	"	...	80 0 0	
" "		...	...	" "	"	...	1588 19 11	

SCHEDULE of CONTRACTS—continued.

Locality.	Contractor's Name.	Number or Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Te Rerenga to Puhirua	Ngatiragiwewehi	...	8 miles, 5 chains	Brought forward ... TAURANGA TOWARDS TAUPU, THROUGH MANGOREWA FOREST—continued. Felling Bush, chain wide 49,082 yards Side Cuttings 13,600 " Small Cuttings, filling, 18 feet and forming } Forming Road, 7,918 yards Side Cutting, soft rock } 18 feet wide. Forming 18 feet Road, 11,205 yards filling, 1632 } yards cutting and filling, 8835 yards small } cuttings 6720 yards ditching and filling, 55 } chains clearing Manuka, and 10 culverts. }	£200 per mile ...	...	£ s. d. 4768 4 9	Under Mr. E. H. Bold, Engineer.
Waititi to Te Hemo	Ngatiwhakaue	...	7 mla. 43 ch. 60 lks.		For ...	...	1712 10 0	
Niho-o-te-kioro to Tuparahaki	Ihaia	2	8 miles	WAIKATO TO TAUPU. Clearing, draining and forming 18 feet Road ; Bridges and Culverts.	...	...	7080 14 9	Under Mr. E. H. Bold, Engineer.
Tuparahaki to Tapuaecharuru	Hohepa	1	12 miles	Clearing, draining and forming 16 feet Road ; Bridges and Culverts.	...	...	650 0 0 500 0 0	
Tapuaecharuru to Orangteahou	Poihipa	...	...	TAUPU TOWARDS NAPIER. Constructing Road ...	12s. per 100 feet ...	45 5 6	450 0 0	Under Mr. E. H. Bold, Engineer.
Rangitaiki Bridge	M'Kenzie, Campbell and Co.	...	{ 7546 feet 3952 feet	Squaring } Timber Sawing }	15s. " "	29 12 10	...	
Waipunga	"	...	{ 3708 feet 3265 feet	Squaring } Timber Sawing }	12s. " "	22 4 11	...	
Rangitaiki & Waipunga Bridges	"	...	...	Erecting ...	15s. " "	24 9 9	121 13 0	
Waipunga Bridge	Frazer and Butler	...	...	"	...	...	94 10 0	
						...	311 5 0	
							977 8 0	

SCHEDULE of CONTRACTS—continued.

Locality.	Contractor's Name.	Number of Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Takepau ...	A. Livingstone	1A	12 chains	NAPIER TO MANAWATU GORGE, THROUGH SEVENTY MILE BUSH.	For ...	£ s. d.	£ s. d.	Under Mr. C. H. Weber.
Takepau to Tawhiti ...	Idia	1	2 miles	Forming, metalling, draining, culverting	£2 8s. per chain ...	...	70 10 0	
Tawhiti to Mangatewai-nui ...	Hudson and White...	2	3½ "	Clearing Bush, 1 chain wide ...	£3 9s. "	...	384 0 0	
Mangatewai-nui to Mangatawai-iti ...	M. Davis	3	2 "	" "	£3 "	...	897 0 0	
Mangatewai-iti to Whakaroa-tapu ...	Hudson and White...	4	2½ "	" "	£3 "	...	480 0 0	
Whakaroa-tapu to Piri Piri ...	M. Davis	5	2½ "	" "	£2 17s. 6d. "	...	517 0 0	
Piri Piri to Tahoraite ...	Hudson and White...	6	3½ "	" "	£3 "	...	540 0 0	
Tahoraite to Matahiwi ...	"	7	2 "	" "	£2 17s. 6d. "	...	806 0 0	
Matahiwi ...	J. Dunbar	8	2 "	" "	£2 6s. "	...	368 0 0	
	Hudson and White...	9	2 "	" "	£3 9s. "	...	480 0 0	
	J. Dunbar	10	2 "	" "	£3 3s. 2d. "	...	532 0 0	
	"	11	2 "	" "	£3 5s. "	...	505 6 8	
	"	12	2 "	" "	£3 10s. "	...	520 0 0	
Gorge Entrance ...	Bangitane		102 chains	" 1½ "	£2 10s. "	...	560 0 0	
						...	255 0 0	
						...	6933 16 8	
				POVERTY BAY—INLAND LINE.				Under Mr. J. Drummond.
Wairoa to Tekapu ...	J. Steer	1	1 mile	Forming ...	For ...	...	140 0 0	
" "	W. Maloney	2	1 "	" "	" "	...	84 0 0	
" "	J. Carroll...	3	1 "	" "	" "	...	94 0 0	
" "	A. Gardner	4	1½ "	" "	" "	...	195 0 0	
						...	513 0 0	
				POVERTY BAY—COAST LINE.				Under Mr. O. L. W. Bousfield.
Mahia to Te Muriwai ...	Paoro Ihaka	...	25 miles	Forming Track ...	For ...	...	400 0 0	

SCHEDULE OF CONTRACTS for the CONSTRUCTION of ROADS under "Immigration and Public Works Act, 1870," to 30th June, 1871.

PROVINCE OF TARANAKI.

Locality.	Contractor's Name.	Number or Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Mimi to Urenui Urenui to Tikorangi	Parairika Raumona...	1	140 chains	Forming ...	For	£ s. d.	£ s. d.	Under Mr. O. Car- rington.
			1 mile	Earthworks, culverts, ditching, &c.	"	44 14 0	60 0 0	
	Bush Rangers	2	1 1/2 "	Forming, rounding up, and completing...	"	33 10 0		Under Mr. O. Car- rington.
			1 1/2 "	Earthworks, culverts, ditching, &c.	"	14 3 0		
River Kaihihi to River Hangatahau	W. N. Syme	...	165 chains	Levelling roadway, 20 feet wide	"	4 0 0	96 7 0	Under Mr. O. Car- rington.
				NEW PLYMOUTH TO PATEA.	"			
	R. Rundie...	5	4 miles, 50 chains, and 50 links.	Forming, removing boulders from 50 chains, making and fixing 2 culverts.	"	...	83 0 0	Under Mr. O. Car- rington.
				Erecting 1 Bridge	"	102 10 0	229 0 0	
Umuroa to Taungatara	Honi Mira	3	7 miles	Cutting, clearing bush, scrub, fern, &c.	"	338 0 9		
			4 "	Earthwork, including ditching, outlet drains, &c.	"	119 0 0		
	Kahiu	4	3000 cubic yards	Culverts	"	93 0 0	672 10 9	
				Rounding up, &c.	"	56 0 0		
Umuroa to Otahi	Kahiu	4	2 miles, 2 chains	Clearing	£8 per mile	112 0 0		
				Draining	£28 "	112 10 0		
	"	7	60 chains	Cutting	9d. per cubic yard	60 0 0	340 10 0	
				12 Culverts	£5 each			
Otahi to Taungatara	Para	3	3 miles, 60 chains	Earthwork, ditching, and outlet drains...	For	104 19 6		
				Culverts	"	14 14 0		
	"	7	31 "	Levelling and gravelling	"	72 14 0		
			31 "	Extra ditching and culvert	"	12 10 0	204 17 6	
Otahi to Taungatara	Para	3	3 miles, 60 chains	Ditching and outlet drains	12s. per chain	36 0 0		
				Clearing flax, &c.	2s. "	3 2 0		
	"	7	31 "	Spreading and rounding up	2s. 6d. "	3 17 6		
			31 "	Gravelling...	£2 "	62 0 0		
Otahi to Taungatara	Para	3	3 miles, 60 chains	1 culvert...	For	4 0 0		
				Lengthening 1 culvert	"	1 0 0	109 19 6	
	"	7	31 "	Earthwork, including ditching, &c.	"	97 10 0		
				Culverts	"	3 10 0		
Otahi to Taungatara	Para	3	3 miles, 60 chains	Gravelling	"	65 3 9	166 3 9	
				Carried forward	"	...	1962 8 6	
	"	7	31 "		"			
					"			

SCHEDULE OF CONTRACTS—continued.

Locality.	Contractor's Name.	Number of Section.	Quantities.	Nature of Work.	Rate.	Amount.	Totals.	Remarks.
Rawa to Waingongoro ...	Manaia ...	10	...	Brought forward ...	...	£ s. d. 3,444 4 0	£ s. d. 3,444 4 0	Under Mr. O. Car- rington.
NEW PLYMOUTH TO PATEA—continued.								
River Waingongoro ...	Ngahine ...	6	918 yards	Cutting deviation from present track to Kaupa- kanui (bridge site) on to Kapuni.	For ...	9 2 6	22 1 6	
				Ditching ...	12s. per chain	6 12 0		
				Clearing ...	1s. "	0 11 0		
				Repairing fords and cutting drains, Rawa Kaupa- kanui.	For ...	3 10 0		
				Repairing roads at Otakiho ...	" "	2 6 0		
Waingongoro towards Hawera ...	R. Randle	...	4 miles	Earthwork at ford on East bank	6d. per yard	22 19 0	56 0 0	
				Removing boulders ...	For ...	1 1 0		
				Clearing 36 feet wide	2s. per chain	32 0 0		
				Constructing 3 bridges	For ...	...		
				Extra ...	" "	...		
River Tangahoe, North side	Hawera Militia	...	34 chains	1 Culvert ...	" "	...	1380 0 0	
				Side cutting	" "	...		
				Heavy "	" "	...		
				Gravelling	" "	...		
				Forming ...	" "	...		
				" "	" "	...		
				" "	" "	...		
				" "	" "	...		
				" "	" "	...		
				" "	" "	...		
From New Plymouth ...	Specke and Burke ...	1	56½ chains	Constructing and fixing 30 box Culverts	" "	...	£27054 14 10	Under Mr. T. L. Humphries.
				Felling, chain wide; clearing track, 30 feet	8s. 6d. per chain	23 18 1		
				" "	" "	16 3 0		
				" "	" "	52 17 6		
				" "	" "	49 5 6		
				Cutting ...	6d. per yard	77 7 3		
				" "	6d. "	5 0 0		
				" "	7d. "	12 11 4		
				Constructing bridge over Mangamahoe	For ...	102 10 0		
				...	...	£339 12 8		

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PROVINCE OF WELLINGTON.

Locality.	Contractor's Names.	Number of Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Patea Hill, South side of River...	P. Donovan	2	50 chains	Widening and gravelling	£3 2s. 6d. per chain	£	s. d.	Under Mr. O. Car-
Oika N.W. side Whenuakura	J. Wilkie	...	27 "	Side cutting, embanking, completing	For	...	156 5 0	rington.
" South side	Connell and Banks	1	72 "	Widening and gravelling	£3 5s. per chain	...	70 0 0	
"	"	1A	...	Repairing approaches	For	...	234 0 0	
Waipapa Gully	Patea Militia	...	46 "	Heavy side cutting	£2 16s. per chain	...	7 10 0	
Waitotara, North Bank	J. Bradley	...	70 "	Metalling	For	...	65 12 6	
						...	196 0 0	
				WAITOTARA TOWARDS WANGANUI.				
" South side	Reid, Palmer, and Johnston.	...	59 "	Forming, and 19 culverts	For	...	207 0 0	Under Mr. W. H. Hales.
"	Burrows and Kerr	...	11 "	Metalling	£2 per chain	...	22 0 0	
Kaipo	O'Hara and Emery	...	56 "	Forming	£2 18s. 6d. per ch.	...	163 16 0	
"	M. Conroy	...	31 "	Clearing and levelling temporary line	17s. per chain	...	26 7 0	
"	H. J. Reid	10	68 "	Metalling	For	...	120 0 0	
	"	...	32 "	Forming	"	...	540 0 0	
	"	...	100 "	Metalling	"	...	66 10 0	
	M. Conroy	9	76 "	Cutting and forming, and 2 culverts	£4 14s. "	...	45 4 0	
	J. M'Pherson	8	113 "	Metalling	For	...	531 2 0	
	A. McDonnell	...	112 "	Side cutting, flat forming, and 3 culverts	£4 10s. per chain	...	75 0 0	
	J. Emery	5	110 "	Metalling	For	...	139 0 0	
Ototoko	"	7	4 chains 80 links	embankment, &c.	For	...	516 12 0	
	M'Donough & Emery	5	114 "	1 culvert, 109 x 9 x 8 feet	For	...	216 0 0	
	Denby and Co.	...	80 "	Side cutting, flat forming, &c.	£4 per chain	...	55 0 0	
	S. Kennedy	4	128 chains	Metalling	For	...	512 0 0	
	J. Tracey	4	128 "	Side cutting	£3 per chain	...	110 0 0	
	W. M'Donald	3	139 "	Metalling	For	...	417 0 0	
	J. Donovan	3	139 "	2 stone culverts	For	...	50 0 0	
	W. M'Donald	...	...	Side cutting, &c.	"	...	53 0 0	
	T. Potter and Co.	2	111 chains	Carried forward	...	...	4,593 18 6	

SCHEDULE of CONTRACTS—continued.

Locality.	Contractor's Name.	Number or Section.	Quantities.	Nature of Work.	Rate.	Amount.	Total.	Remarks.
Ototoko	J. Nathan	2	110 "	Brought forward	...	£ s. d.	4,593 18 6	Under Mr. W. H. Halee.
	T. Potter	1	110 chains 68 links	WAITOTARA TOWARDS WANGANUI—continued.	£2 17s. 6d. per chain	...	316 5 0	
	J. Paterson	1	78 chains	Metalling ...	For ...	...	58 0 0	
	W. Robertson	6	6 "	Side cutting, &c. ...	£2 4s. 6d. per chain	...	173 11 0	
	W. Nixon	9	6 "	Metalling ...	For ...	...	50 0 0	
Rivers Okehu and Kai Iwi	S. S. Goodall, No. 1...	...	...	Side cutting, embankment, &c. ...	"	...	238 0 0	
" "	H. McNeill, No. 2	...	...	68 culverts, 30 feet, 10 x 12 ...	"	...	436 10 0	
Puketotara Creek	Denby, Nixon & Lees	...	...	Erecting 2 Bridges ...	"	...	795 0 0	
		...	...	"	"	...	152 0 0	
		...	...	Constructing piled culvert, 87 feet, 8 x 7 feet	"	...	6313 4 6	
Foxton to Oroua	T. U. Cook	1	...	FROM FOXTON TO MANAWATU GORGE.	For ...	...	103 8 6	Under Mr. J. T. Stewart, District Engineer.
" "	"	2	...	Clearing, forming, and culverting	"	...	61 1 0	
" "	Rangi	3	...	"	"	...	55 0 0	
" "	P. Stewart	...	...	Scrubbing and seiling	"	...	122 10 0	
" "	T. Symons	...	...	Cutting sand hill and laying in 70 chains	£1 15s. per chain	...	72 10 0	
Ngawhakarau, Palmerston	Clark, Dunn and Co.	...	...	Cutting terrace	For ...	...	5000 0 0	
Manawatu Gorge		...	...	Constructing	About ...	...	575 0 0	
		...	4,430 yards	Extra side cutting, earth and stone	"	...	5989 9 6	
		...	3,000 "	" " earth	"	...	600 0 0	
Ngawhakarau, Palmerston	Manson & Bartholomew	...	...	TRAWAY, NGAWHAKARAU TO PALMERSTON.	6s. 6d. per 100 feet	...	250 0 0	
" "	Henderson and Co. ...	...	5,000	Sawing Matai rails	1s. each	...	125 0 0	
" "	R. Taylor	...	2,500	Sleepers, splitting	"	...	166 13 4	
" "	O. Ockenden	...	20,000	" notching	16s. 8d. per 100	...	1141 13 4	
Masterton to Manawatu Gorge...	J. Rochfort	...	65 Miles	MASTERTON TO MANAWATU GORGE.	For ...	...	*650 0 0	

* This contract is for survey only, and amounts to £1,300, but one moiety of it is charged to Railways.