



SOUTH ISLAND ORGAN COMPANY LIMITED

23 Holmglen St., PO Box 2036, Washdyke, Timaru 7941. Phone 64-3-688-2536. Fax 64-3-688-2516. Email office@sioc.co.nz

NEW INSTRUMENTS • RESTORATIONS • TUNING AND MAINTENANCE

8 October 2010

Tim Fahy
Arrow International Ltd
Project Manager
Durham St Methodist Church
Christchurch

Dear Tim

Re: Church Organ Earthquake Damage report

Our Christchurch tuner Christopher Templeton inspected Durham St Methodist organ on 22 September and reports as follows:

“The pipe organ in Durham Street seems to have survived the earthquake with little major damage – although half the organ (Swell and Choir) could not be accessed to make a final determination. The support for the large wooden pipes on the left side of the organ (Bass end) has been wrenched from the wall and the side of the Swell Box, so the pipes are relying on a secondary support lower down to remain vertical. A visual inspection of the parts of the organ that could be accessed revealed little direct debris damage to the pipework.

According to the preliminary assessment by the engineer, the main section of the organ (the Swell Box) may be supporting the back wall of the church. Consequently the organ will have to be taken down in two stages. The first stage will be to remove the Pedal and reed chests from the Bass end of the organ and the Choir Box and Pedal pipes from the Treble end of the organ, and the console from in front of the organ. The second stage will be possible once the side wings of the organ are removed and steel framing has been placed vertically and horizontally across the rear wall and supported back to the main floor of the building. Also it is understood that once the building is secured, the furnishing and fittings are going to be stripped out. To remove the organ will probably require erection of a scaffolding stage to facilitate getting the larger components out (this to be arranged and planned in conjunction with Arrow International and the consulting engineers and is not included in the estimate). The second stage will be dismantling the Swell pipework, Swell boxes, Swell and Great Soundboards, Great pipework and building frame and removing all parts of the organ from the building.

With the core of the organ dating from 1907 (being the last surviving Ingram organ in New Zealand) and the additions being Hill, Norman & Beard of 1947 – both in a rather fragile state, it is expected that removing the organ will have a detrimental effect on the cotton covered DC electrical wiring in the organ. Removing the organ will almost inevitably result in breaks and short circuits in the wiring, so that the organ cannot just be reinstalled without replacing the electrical wiring and switching mechanisms to make it playable and reliable”.

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Quotations:**1. Stage One Schedule of Work:**

- Document the bass and treble ends of the organ.
- Remove the Pedal and Reed Unit windchests, reservoirs, building frame, windtrunks and DC wiring from the bass end of the organ.
- Remove the Pedal and Choir windchests, Choir box, reservoirs, building frame, windtrunks and DC wiring from the treble end of the organ.
- Remove the console and associated DC wiring from the front of the organ.
- Pack the above removed parts for transport to secure storage in Timaru.

Our quotation to document, pack and remove the bass and treble ends of the organ including the console as described above and place all parts into secure storage in Timaru is \$19,800.00 excl. GST.

2. Stage Two Schedule of Work:

- Document the Centre part of the organ.
- Remove the facade pipes and casework from the front of the organ.
- Remove the Great and Swell windchests, Swell box, reservoirs, building frame, windtrunks and DC wiring from the centre of the organ.
- Remove the DC switch gear and electric blower from under the organ.
- Pack the above removed parts for transport to secure storage in Timaru.

Our quotation to document, pack and remove the main section of the organ as described above and place all parts into secure storage in Timaru is \$19,800.00 excl. GST.

3. The cost of the inspection and report is \$243.00 excl. GST.**Stage One (cost breakdown)**

Removal of the side wings of the organ, console.

Five days for four men (including travel)

Dismantling Labour	160hrs @ \$65	10,400.00
Travel Time	24hrs @ \$50	1,200.00
Meals & accommodation	20 days @ \$150	3,000.00
Van	400kms @ \$1.00	400.00
Container Hire	1 x 20' container @ \$1200	1,200.00
Packaging materials	pc	<u>500.00</u>
		16,700.00 excl. GST
Repacking organ into secure long term container storage		
Labour	50 hrs @ \$62	<u>3,100.00</u>
		Subtotal \$19,800.00 excl. GST

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Stage Two (cost breakdown)

Removal of the Swell and Great, Blower and Switch units under the gallery.

Five days for four men (including travel)

Dismantling Labour	160hrs @ \$65	10,400.00
Travel Time	24hrs @ \$50	1,200.00
Meals & accommodation	20 days @ \$150	3,000.00
Van	400kms @ \$1.00	400.00
Container	1 x 20' container @ \$1200	1,200.00
Packaging materials	pc	<u>500.00</u>
		16,700.00 excl. GST

Repacking organ into secure long term container storage

Labour	50 hrs @ \$62	<u>3,100.00</u>
		Subtotal \$19,800.00 excl. GST

Total cost of both stages \$39,600.00 excl. GST.

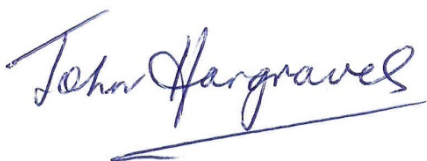
Total storage costs of \$70 per week including GST. (for 2 years)

AA Secure storage Laughton Street, Washdyke 0800 150240.

Terms of Business:

- The quotations submitted are valid for 3 months from the date of this letter.
- The work will be completed within 6 months of acceptance (or as agreed with the client) and will take approximately 2 weeks on-site for 4 persons to complete.
- The prices quoted are firm for the work as detailed but there is an unavoidable possibility that opening up the work will reveal as yet undetected damage in which case we will report further before committing more expenditure.
- The completed work will be guaranteed for 5 years against faulty workmanship and materials providing the organ is regularly maintained by the Company or persons approved by it.
- Scaffolding and hoisting equipment (if required) to facilitate the scheduled work is excluded.
- Any structural work on the building (if required) to facilitate the scheduled work is excluded.
- Any mains electrical work (if required) to facilitate the scheduled work is excluded.
- Electric power for lighting and tools, toilet and washing facilities, and tea making facilities are to be provided by the Church.

Yours sincerely



John Hargraves MNZM
South Island Organ Co Ltd