

C/- C.S.I.R.O.,
Stowell Avenue,
Battery Point, Tas.

17th December, 1963.

Mr. Darrell K. Browning,
FENTONBURY,
Tasmania.

Dear Sir,

Your tender dated 2nd December 1963 is hereby accepted as follows:

a. Dig 108 trenches, assemble and bury anchor logs and rods	£54. 0. 0.
b. Dig 44 holes, set posts, refill and compact filling	£22. 0. 0.
Total	<u>£76. 0. 0.</u>

The ground is presently dry and hard. Consequently hand labour is not suitable. The above acceptance is contingent upon the use of suitable excavating equipment.

Living and cooking accomodations may be secured in the shearers quarters at Dennistoun. Please apply to Mr. G.B.Edgell.

The white pegs have not been setout to prevent damage by animals. Please advise me a few days in advance of your starting date so that I may have the pegs placed.

Yours faithfully,

Grote Reber.

Tender

Mr. Grote Reber,
C.S.I.R.O.,
Stowell Avenue,
Hobart, Tasmania.

Dear Sir:

I herewith tender to perform work according to the specification retained by me; and list the prices hereunder -

	Tender Price
A. Dig 108 trenches, assemble and bury anchor log and rod.	54.0.0
B. Dig 44 holes, set posts, refill and compact filling.	22.0.0
Total	<u>76.0.0</u>

I undertake to carry out this work complete before 1st February 1964, starting about 13th January 1964, *or earlier.*

Signature *D.K. Browning*.....

Address *Lentonsbery*.....

Date *2nd 12. 63*.....

Witness *R.H. Browning*.....

Specification and Tender for Burying Anchor Logs and Setting Posts

Grote Reber, C/- C.S.I.R.O., Hobart, phone 22786

Specification

The work is to be performed at Radio Astronomy installation at Dennistoun near Bothwell before 1st February 1964. A backhoe or other suitable machine is to be used. The ground is mainly soil and clay on top. Gravel to boulders exist below the surface. No solid rock will be found. Tenderer must cover his employees by adequate workmans compensation insurance in accordance with law. Tenders must be received before 14th December 1963.

A. Dig 108 trenches one foot wide, two feet deep and four feet long. Centre line of trench is to be in a north/south direction and pass through two white pegs ten feet apart. Trench to be halfway between pegs. Material from trench is to be placed at side of trench away from nearby pole. Cut narrow slit with spade from centre of trench in direction of nearby pole. The anchor log and anchor rod are supplied by purchaser and will be found nearby on opposite side of pole. Push rod through hole in log. Drop assembly into trench without bending rod. Turn log so that rod is placed in slit and protudes from ground in direction of nearby pole at a 45 degree angle. Replace all dirt and rock into trench on top of log. Compact into place by running a heavy vehicle over filling. Do not bend rod.

B. Dig wedge shaped holes one foot or less wide to hold posts. Holes to be in an east/west direction. West side of hole to be vertical and one half foot east of white peg near east edge of road. The east side of hole may slope up to surface at a 45 degree angle according to capability of machine used. The hole shall be as small as possible consistent with proper setting of posts. Fortyone holes are to be three feet deep, two holes four feet deep and one hole five feet deep. A considerable number of boulders will be encountered at last three positions. Posts nine, ten and eleven feet long will be found on west side of road opposite the white peg. Set post in hole near vertical west side of hole. Make certain post is vertical and in line with existing posts. The nature of the terrain on a slope will probably require the filling to be put back mostly by hand around the post and tamped solidly by hand or a mechanical vibrator. As much stone as possible is to be placed into bottom of filling. Water to aid in compacting dirt is available from creek.

The installation contains a large number of wires nine to ten feet above ground over or near all the digging. The tenderer is to use great care not to damage any of these wires or associated equipment. The cost of any damage will be deducted from tender price.

Tender

Mr. Grote Reber,
C.S.I.R.O.,
Stowell Avenue,
Hobart, Tasmania.

Dear Sir:

I herewith tender for the supply and delivery of material according to the specification retained by me; and list the prices hereunder -

	Price each	Sum
110 Anchor logs 3 feet long	12/.	£66.0.0
40 Posts 9 feet long	6/.	12.0.0
3 Posts 10 feet long	4/.	1.1.0
2 Posts 11 feet long	8/.	16.0
	Total	£79.17.0

The timber supplied will be (type) .. *pepperwood* ..
from the .. *S-type* .. area, before 14th December
1963.

Signature *Darrell Browning*
Address *Trentonbury*
Tas.
Date *30th Oct. 1963.*

Witness *R. H. Browning*

Specification and Tender for Anchor Logs and Posts

Grote Reber, C/- C.S.I.R.O., Hobart, phone 22786

Specification

All material to be cut from Blue Gum, Stringybark, Peppermint or Celery Top. Tenderers shall state type of wood they propose to supply. Tenders must be received before 16th November 1963.

Anchor logs to be three feet long plus or minus one inch, and 30 to 36 inches circumference at centre. Ends are to be sawn off square. One hole 11/16 inch diameter is to be drilled crosswise through the centre of log at a place halfway between ends plus or minus one inch. The tenderer may drill hole by power equipment, if available, or by hand. If by hand, the purchaser will supply on loan one suitable auger. This auger must be returned to purchaser in good condition less normal wear, or cost of auger will be deducted from tender price.

Posts are to be 19 to 28 inches circumference at butt and more than 12 inches circumference at tip. Butts to be sawn off square and tips to be cut wedge shape with 45 degree slopes.

All material to be round in cross section plus or minus ten percent and have all bark removed. Material containing splits, cracks, heart rot, loose knots or other defects will not be accepted. Circumference measurements shall be taken inclusive of sapwood and will be strictly enforced. All knots to be trimmed off smoothly.

Delivery

All material is to be delivered to Radio Astronomy installation at Dennistoun near Bothwell before 14th December 1963, at a date and time mutually agreed upon by purchaser and tenderer. The anchor logs are to be placed in a north/south direction at base of large poles underneath the overhead springs. The posts are to be placed in a north/south direction along west side of road opposite the white pegs near east side of road.

The installation contains a large number of wires nine to ten feet above ground. The tenderer is to use great care not to damage any of these wires or associated equipment. The cost of any damage will be deducted from tender price.