

UNCLASSIFIED

72.104-33/05

5

3 pages

Bonsfield

ABSTRACTED BY *RLB*
Date 8.3.54.

DEFENCE DOCUMENTS INFORMATION	
JAN 11 1954	
FEB 11 1954	
From :	
Copy No. :	1 of 1
ACC. No. :	54/1585

PROJECT 'Y'
ENGINE COST ESTIMATE

Classification: original / changed to UNCLAS
By authority of DRDA
Date 10 Dec 54
Signature *[Signature]*
Unit / Rank / Appointment DRDA-7

May 14, 1953.
Copy No. 3
To - Dr. J. J. Green

SECRETIFIED

May 1, 1953.

A. V. Roe Canada Limited
Malton, Ont.

[Handwritten signature]

UNCLASSIFIED
SECRET

To - Mr. J. C. M. Frost, Chief Design Engineer - Special Projects
From - J. W. Kenny, Experimental Manager - Aircraft May 6, 1953.

PROJECT 'Y'

We have pleasure in submitting our estimate for the manufacture of a Test Specimen Rotor, Stator, and associated mounting arrangements for the above project. Fullset details have been given and we think that you will find them quite self-explanatory.

Classification cancelled / Changed to UNCLAS

By authority of D2DA

Date 10 Dec 84

Signature [Signature]

Unit / Rank / Appointment D2DA-7

JAMES W. KENNY
EXPERIMENTAL MANAGER - AIRCRAFT

[Handwritten initials]

A. V. ROE CANADA LIMITED
INTER-DEPARTMENTAL MEMORANDUM

UNCLASSIFIED
SECRET

DATE May 4, 1953
TO Mr. J.W. Kenny, Experimental Manager - Aircraft
FROM E.W. Springham, Supervisor - Flight Service Planning
SUBJECT "Y" PROJECT ESTIMATES

Herewith the estimates for "Y" Project Rotor, Stator, Hardware and Mounting arrangements for Test Engine.

Stator Assembly	\$188,938.21
Rotor Assembly	123,335.74
Hardware & Stand Assy.	<u>12,789.75</u>
TOTAL	\$325,063.70

325, -

In addition to the above, a 20 ft. Vertical Boring Mill of approximate price \$125,000.00 should be included as required tooling.

125, -

(INSTALLATION) 15, -

As far as possible, actual estimates are shown for sub-contracted parts as submitted by the companies concerned.

All assemblies were broken down into their component parts and the items estimated for material, tooling and labor costs. The assembly of these components were in turn costed for required tooling and labor.

Labor Charges - excepting on the breakdown sheets (1 each for Rotor, Stator & Hardware) do not include shop overheads. $150\% = 450, -$

Material Charges - as submitted by sub-contractors or supplied by Material Control.

Tooling Charges - as submitted by sub-contractors or estimates from Experimental Tool Design.

Parts & Assy. Charges - as submitted by sub-contractors or estimates from Experimental Planning & Tool Design.

Contingencies - 25% has been added to each of the three main assembly items. To the Stator assembly, for which no quotes are available, an additional 25% has been added.

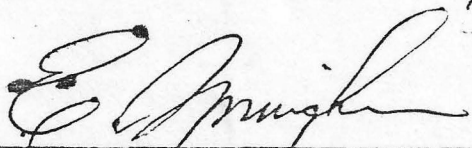
\$ 355,000

EWS:eo

APPROVED

P. Gorrie
Chief Planner.

cc. Mr. J.C.M. Frost (2)


E.W. Springham,
Supervisor,
Flight Service Planning.

50/6/53

- Plus a copy for information
testing, etc.