

Σ & PA (1949) Department.

MY SERIES.

G.O. NO. 1895 — P-15ef

Dated 10 — 6 — 49

closed

51

9
✓ P/15ef — 10/11/49
10/11/49

[Despatch Abstract.]

Sub — Facit Calculators Lx — inclusion
in the approved list of machines.
— Sanctioned.

Back Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Further Papers.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

GOVERNMENT OF MADRAS ABSTRACT.

STORES - Forest Department - Office of the Provincial Silviculturist,
Ootacamund - 'Facit' Calculator - Purchase - Sanctioned.

Development Department.

G.O.Ms.No.2655

Dated the 18th May 1949.
Read the following:-
From the Chief Conservator of Forests Ref. No.854/49-A2 d/ 17-3-49
From the Superintendent of Stationery No.B.I.2559149 dated 30-4-49.

ORDER: His Excellency the Governor of Madras, sanctions the purchase of a 'Facit' Calculator (L.X. Model) at a cost not exceeding Rs.1350/- (rupees one thousand three hundred and fifty only) for use in the office of the Provincial Silviculturist, Ootacamund.
2. Orders in regard to the inclusion of 'Facit' calculators in the list of approved machines will be issued separately.

(BY ORDER OF HIS EXCELLENCY THE GOVERNOR)
M. T. RAJU
SECRETARY TO GOVERNMENT.
To the Chief Conservator of Forests (with enclosure).
" the Superintendent of Stationery, Guindy through Education and Public Health Department.

Copy to the Education and Public Health Department (with enclosure).
TO the Accountant General through the Finance Dept.
Forwarded By Order

P. Ambikanathan
SUPERINTENDENT.

MVS.19.5.

2

Copy of letter No. B.1. 2559/49 dated 30-4-49 from the Superintendent of Stationery, Madras to the Secretary to Government, Development Department, Madras.

3

Sub:- Calculating machine - 'Facit' - Purchase for use in Government Offices - remarks furnished -

Ref:- Government Memo. No. 30310-C1/49-2 dated 11/4/49 and my letter B.1. 2559/49 dated 22/4/49.

It is since learnt that 'Facit' calculators are available with Messrs. Rayala Corporation, Madras. The following models are available with them and were demonstrated here.

1. Model T.K.	...	Rs.1060/-
2. " L.X.	...	Rs.1350/-
3. " N.E.A.	...	Rs.1980/-
4. " ESA	...	Rs.2700/-

Nos. (1) and (2) are to be operated by hand and Nos (3) and (4) by electricity. Calculation can be done on No. (1) T.K. model only upto figures of 9 digits but on No. (2) L.X. model upto figures of 19 digits.

The 'Facit' calculators L.X. and N.E.A. may be included in the approved list of machines ~~for~~ which orders of sanction may be issued through Government Education and Public Health Department, Madras.

: True Copy :

P. Ananthakumaran
20/5/49

MVS.19.5.

SUPERINTENDENT.

3/5

Copy of letter No. 854/49-A2 dated 17-3-1949 from the Chief Conservator of Forests, Egmore, Madras to the Secretary to Government, Development Department, Madras.

Sub:- Stores - Calculating machine - Facit - Purchase of - Sanction - Applied for.

Ref:- G.O. No. Ms. 2050 Development dated 16-11-1936.

In the G.O. cited, sanction was accorded to the purchase of a I Class 81002 Burrough's Portable adding machine at a cost of Rs.800/- less a trade in allowance of Rs.100/- on the old machine for use in the office of the Provincial Silviculturist.

2. The Provincial Silviculturist now reports that only addition can be done with this machine and the minimum time taken for the statistical analysis of one Silvicultural experiment is 30 - 45 minutes. There are on average more than 900 experiments for which computation work has to be done before the annual research report is drafted. Due to heavy clerical work involved in this Division the Annual Report is invariably prepared late and submitted to the Chief Conservator.

3. During his recent training statistics at Dehra Dun, the Assistant Silviculturist is reported to have been introduced to a new type of calculating machine viz. FACIT T.K. Model (Made in Sweden). It could do addition, subtraction, multiplication and division very quickly and without the aid of the roll paper which is an essential item of recurring expenditure with the existing Burrough's adding machine. It is also said to be so light and compact that it would be easily taken to camp. In view of what has been stated in para 2 above, the Provincial Silviculturist considers that the new machine referred to above will be very useful. On a reference to the Superintendent of Stationery, he points out that as the 'FACIT' calculating machine is not in the list of approved pattern of calculating machines prescribed for use in public offices, special sanction of Government may be obtained for its purchase.

4. In the circumstances, I request that Government be pleased to accord the requisite sanction. The machine is said to be obtainable from Messrs. Mallik & Co., Calcutta for Rs.1630/- including a carrying case. The expenditure ~~will~~ if sanctioned will be incurred in 1949-50.

: True Copy :

Rm

Copy of Development Department H.O. No. 30310 CI/49-2 dated 11-4-1949.

Sub:- Stores - Forest Department - Office of the Provincial Silviculturist, Ootacamund - 'Facit' Calculating machine - Purchase.

Ref:- From the Chief Conservator of Forests Ref.No. 854/49-A2 dated 17-3-49.

A copy of the Chief Conservator's letter cited is communicated to the Superintendent of Stationery. He is requested to offer his remarks urgently on the quality of the 'Facit' machine now proposed for purchase and to state whether he is in favour of including it in the list of

Copy of letter No. 854/19-12 dated 17-3-1949 from the
Chief Conservator of Forests, Nagpur, Madras to the
Secretary to Government, Development Department, Madras.

Subj: Stores - Calculating machine - Facit - Purchase
of - Sanction - Applied for.

Ref: G.O. No. 2050 Development dated 16-11-1938.

In the G.O. cited, sanction was accorded to the
purchase of a Class 21002 Burroughs's Portable adding
machine at a cost of Rs. 800/- less a trade allowance
of Rs. 100/- on the old machine for use in the office of
the Provincial Silviculturist.

The Provincial Silviculturist now reports that
only addition can be done with this machine and the
minimum time taken for the statistical analysis of one
Silvicultural experiment is 30 - 45 minutes. There are
on average more than 200 experiments for which computation
work has to be done before the annual research report is
distilled. Due to heavy clerical work involved in this
Division the Annual Report is invariably prepared late and
submitted to the Chief Conservator.

3. During his recent training statistics at Purna
the Assistant Silviculturist is reported to have been
introduced to a new type of calculating machine viz.
FACIT T.K. Model (Made in Sweden). It could do addition,
subtraction, multiplication and division very quickly
and without the aid of the roll paper which is an essential
item of recurring expenditure with the existing Burroughs's
adding machine. It is also said to be so light and
compact that it would be easily taken to camp. In view
of what has been stated in para 2 above, the Provincial
Silviculturist considers that the new machine referred to above
will be very useful. On a reference to the Superintendent
of Stationery, he points out that as the 'FACIT' calculating
machine is not in the list of approved pattern of calculating
machines prescribed for use in public offices, special
sanction of Government may be obtained for its purchase.

4. In the circumstances, I request that Government be
pleased to accord the requisite sanction. The machine is
said to be obtainable from Messrs. Kailash & Co., Calcutta.
for Rs. 1030/- including a carrying case. The expenditure
for it sanctioned will be Rs. 1030/-.

: True Copy :

Copy of Development Department No. 20510 CI/19-3
dated 11-4-1949.

Subj: Stores - Forest Department - Office of the
Provincial Silviculturist, Nagpur - Facit
Calculating machine - Purchase.

Ref: From the Chief Conservator of Forests, Nagpur, No.
854/19-12 dated 17-3-49.

A copy of the Chief Conservator's letter cited is
now forwarded to the Superintendent of Stationery. He is
requested to offer his remarks on the quality of
the 'FACIT' machine now proposed for purchase and to state
whether he is in favour of including it in the list of

: 2 :

of approved machines, having regard to its usefulness and
cost as compared with similar calculating machines which
he has occasion to come across in his dealings with other
companies.

: True Copy :

Copy of Development Department notes in file C.No.30310 CI/49.

Sub:- Stores - Forest Department - Office of the
Provincial Silviculturist, Ootacamund 'Facit' -
Calculating machine - Purchase sanction.

Ref:- From the Chief Conservator of Forests Ref. No.
854/49-A2 dated 17-3-49.

Please see the letter from the Chief Conservator of
Forests on pp.1-2 c.f.

2. Since November 1933, a Burrough's adding machine
(No.3 model) taken over from the Logging Engineering Divi-
sion was in use in the office of the Provincial Silvi-
culturist, Ootacamund. As it got worn out, the Government
sanctioned in G.O. (Ms.) 2050 Development dated 16-11-1936
the purchase of a I Class 81002 Burrough's Portable adding
machine at a cost of Rs.800/- less a trade in allowance of
Rs.100/- on the old machine.

3. The Chief Conservator of Forests has now proposed
the purchase of a 'Facit' T.K. model calculating machine
at a cost of Rs.1630/- including a carrying case. It
is reported that the proposed machine now in use at Dehra
Dun could do addition, subtraction, multiplication and
division very quickly and without the aid of the roll-
paper and could be easily carried because of its lightness.
The Provincial Silviculturist has reported that with the
existing Burrough's machine only addition can be done
and that as it takes 30 - 45 minutes for preparing the
statistical analysis of one silvicultural experiment out
of an average of 900 experiments with the aid of this
machine, the preparation of the Annual Report on Silvi-
cultural Research is delayed. He therefore
considers that a 'Facit' machine would be useful.

4. As the 'Facit' calculating machine is reported by
the Superintendent of Stationery to be not in the list
of approved patterns of calculating machines prescribed
for use in Government offices, the Chief Conservator of
Forests has approached the Government for special sanction.

For orders, whether the Chief Conservator's
proposal to purchase a 'Facit' calculator at an estimated
cost of Rs.1630/- will be accepted. Finance may see
for remarks.

Y.S.M./26-3-49

E. & P.H.
Finance.

E. & P.H. Dept. (C2)

Please see the Development's note on pages 1 & 2
above. This Dept. may accept the proposal at 'B'
above and the file passed on to Finance.

xx /2-4-49.

Finance.

Finance (E.B.) Dept.

Please see the reference from the C.C.F. on pages 1-2 C.F. Beyond the fact that the Superintendent of Stationery had pointed out that the 'Facit' Calculating machine was not included in the list of approved pattern of calculating machines prescribed for use in Public Offices and that special sanction of the Government should therefore be obtained for its purchase by the C.C.F. nothing is known about the views of the Superintendent of Stationery about the quality of the machine and whether he is in favour of including it in the list of approved machines having regard to its usefulness and cost as compared with other calculating machines which the Superintendent has had occasion to come across in his dealings with other companies. It seems better to call for the specific remarks of the Superintendent of Stationery on the above points before the C.C.F. is allowed to purchase the 'Facit' machine at a cost of Rs.1,630 as proposed at B on p.2 above.

xx /8-4-49.

Dev.

Dev. Dept.

E. & P.H. & Fin. notes on pp.2-3 above may be read. The remarks of the Superintendent of Stationery may be invited as suggested at 'D' above. A draft Memo. is submitted for approval.

Y.S.M./11/4/49.

(Issued as Memo. No.30310 CI/49-2 dated 11-4-49.
From the Superintendent of Stationery No. B.I.
2559/49 dated 30-4-49.)

Please see the letter from the Superintendent of Stationery on pp.7-8 c.f. The 'Facit' T.K. Model (Item on p.7 c.f.) recommended by him for inclusion in the approved list of machines is the one proposed to be adopted by the C.C.F. for use in the Provincial Silviculturist Office.

2. The file may now be sent to Finance through E. & P.H. with reference to that Department's note at 'D' (on p.3) above.

Y.S.M./6-5-49.

E. & P.H.
Finance.

Copy of Development Department notes in file C.No.30310 CI/49.

Sub:- Station - Forest Department - Office of the Provincial Silviculturist, Cochin and Facit Calculating machine - Purchase sanction.

Ref:- From the Chief Conservator of Forests No. 8449-AS dated 17-3-49.

Please see the letter from the Chief Conservator of Forests on pp.1-2 c.f.

2. Since November 1933, a Burroughs's adding machine (No.3 model) taken over from the Logging Engineering Division was in use in the office of the Provincial Silviculturist, Cochin. As it was not the Government sanctioned in D.O. (No. 2030 Development dated 13-11-1936) the purchase of a I Class 21002 Burroughs's Portable adding machine at a cost of Rs.1,630/- less a trade in allowance of Rs.100/- on the old machine.

3. The Chief Conservator of Forests has now proposed the purchase of a 'Facit' T.K. model calculating machine at a cost of Rs.1,630/- including a carrying case. It is reported that the proposed machine now in use at Dehra Dun could do addition, subtraction, multiplication and division very quickly and without the aid of the roll-paper and could be easily carried because of its lightness. The Provincial Silviculturist has reported that with the existing Burroughs's machine only addition can be done and that as it takes 30-45 minutes for preparing the statistical analysis of one silvicultural experiment out of an average of 300 experiments with the aid of this machine, the preparation of the Annual Report of Silvicultural Research is delayed. He therefore considers that a 'Facit' machine would be useful.

4. As the 'Facit' calculating machine is reported by the Superintendent of Stationery to be not in the list of approved pattern of calculating machines prescribed for use in Government offices, the Chief Conservator of Forests has approached the Government for special sanction.

For orders, whether the Chief Conservator's proposal to purchase a 'Facit' calculator at an estimated cost of Rs.1,630/- will be accepted, Finance Dept. for remarks.

Y.S.M./23-3-49

E. & P.H.
Finance.

Y.S.M./23-3-49

Please see the Development's note on pages 1-2 above. This has been accepted by the proposal at 'D' above and the file passed on to Finance.

Y.S.M./23-3-49

Finance.

Finance (C.C.F.) Dept.

Please see the reference from the C.C.F. on pages 1-2 C.F. Beyond the fact that the Superintendent of Stationery had pointed out that the 'Facit' Calculator machine was not included in the list of approved pattern of calculating machines prescribed for use in Public Offices and that special sanction of the Government should therefore be obtained for its purchase by the C.C.F. nothing is known about the views of the Superintendent of Stationery about the quality of the machine and whether he is in favour of including it in the list of approved machines having regard to its usefulness and cost as compared with other calculating machines which the Superintendent has had occasion to come across in his dealings with other companies. It seems better to call for the specific remarks of the Superintendent of Stationery on the above points before the C.C.F. is allowed to purchase the 'Facit' machine at a cost of Rs.1,350 as proposed at B on p.2 above.

xx/10-5-49.

Dev.

Dev. Dept.

The remarks of the Superintendent of Stationery may be invited as suggested at 'D' above. A draft Memo. is submitted for approval.

Y.S.M./11-4-49.

(Issued as Memo. No. 30310 dated 11-4-49. from the Superintendent of Stationery No. 311. 2529/49 dated 30-4-49.)

Please see the letter from the Superintendent of Stationery on pp. 2-3 C.F. The 'Facit' T.M. Model (Item No. 7 C.F.) recommended by him for inclusion in the approved list of machines is the one proposed to be adopted by the C.C.F. for use in the Provincial Silviculturist Office.

The file may now be sent to Finance through E. & P.H. with reference to that Department's note at 'D' on p.3 above.

Y.S.M./10-5-49.

Finance.

E. & P.H. (C2)

Finance and Development notes from p.2 above may be perused. The Superintendent of Stationery requires the sanction of Govt. for the inclusion of the 'Facit' Calculator in the approved list of machines. The proposal of the C.C.F. to purchase the 'Facit' Calculator may be approved.

The file may be passed on to Fin.

xx/10-5-49.

Finance.

Finance (Exp. B).

(Previous Fin. note on pp.2-3 above).

Further notes on pp.3-4 above may be perused.

The Superintendent of Stationery has proposed that 'Facit' Calculators L.X. (Rs. 1350) and N.E.A. (Rs.1980) may be included in the approved list of machines. Development will no doubt send necessary extracts for issue of orders on this to E. & P.H. This Department may agree to the proposal of the C.C.F. for the purchase of a 'Facit' calculator subject to the remark that it may be of the L.X. type costing Rs.1350.

xxx/13-5-49.

Development.

Development Dept.

Notes of E. & P.H. and Finance above may be perused. A draft order is submitted for approval.

Y.S.M./17-5-49.

M.T.R./17-5-49.

: True Copy :

P. Amritanathan
20/5/49
SUPERINTENDENT.

E & P. H. (C2)

Finance and Development notes from P. 2 above may be perused. The Superintendent of Stationery requires the sanction of Govt. for the inclusion of the 'Facit' Calculator in the approved list of machines. The proposal of the C.O.F. to purchase the 'Facit' Calculator may be approved.

The file may be passed on to Fin.

xx/10-5-49.

Finance.

39875/49

Sub: Facit calculators L X and NEA - inclusion in the approved list of machines.

(Previous Fin. note on pp. 2-3 above).

Further notes on pp. 2-4 above may be perused. The Superintendent of Stationery has proposed that 'Facit' Calculators L.X. (Rs. 1350) and N.E.A. (Rs. 1380) may be included in the approved list of machines. Development will no doubt send necessary extracts for issue of orders on this to E. & P. H. This Department may agree to the proposal of the C.O.F. for the purchase of a 'Facit' calculator subject to the sanction that it may be of the L.X. type costing Rs. 1350.

xx/10-5-49.

Development.

Development Dept.

Notes of E. & P. H. and Finance above may be perused. A draft order is submitted for approval.

Y.S.M. 17-5-49.

M.T.R. 17-5-49.

True copy:

RECEIVED

⑧

E & P. H. (C2)

Sub: Facit calculators L X and NEA - inclusion in the approved list of machines - sanctioned.

Ref: From the Supdt of Stry No. B.I. 2559/49 dated 30.4.49.

Order No 1895. Edn dated 10.6.49. Ms.

Sanction is accorded for the inclusion of the Facit calculator L. X and NEA in the approved list of machines. Calculating machine for use in public office.

The Supdt of Stry
A. H. (11/1)
For

26/5

26/5/49

May be sent to

H

EB

750. H. 987 in caption. Please see
- 1374

70
26
3/6/49
700

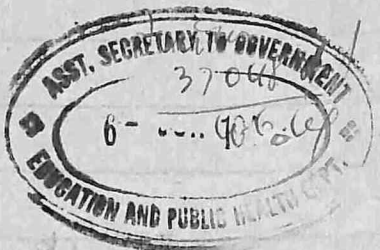
Accepted

4. 6. 49 7981 EPH

Issued
6/6/49

EPH. V. NO 39875/49

3-6-49



43366