CONFIDENTIAL.

UTI/POW/2#13

SECRETARIAT

2459

(Formerly)

2450

ITEMS FOR CAPITAL

RROGRAMME/ 1970-

CONNECTED FILES.

NUMBER

1714

Elarady Department.

EXECUTIVE COUNCIL

INT/25/69

Capital Projects Memorandum by the Colonial Secretary

At the Standing Finance Committee meeting of 4th/5th December, I mentioned to members that I had been keeping a progressive though short list of capital projects which I had originally thought it would be wise to consider, with a view initially to deciding on priorities, in the context of the forthcoming annual estimates exercise. However, the urgency for looking at the capital proposals in respect of new electricity generating plant resulting from recent mechanical failure in the present plant together with the results, as yet unpredictable but which might affect capital finance questions, of the communications study currently in train indicate the need for a paper to be circulated as soon as possible.

- 2. Attached hereto as Annexures 1, 2 and 5 respectively are
 - (i) a tentative list of capital projects;
 - (ii) alternative schemes for new electricity generating equipment;
 - (iii) a projection of recurrent savings expected to result from (ii)

J. A. Jones Colonial Secretary

File Reference 2456 11th December, 1969 JML

| | | CAPITAL PROJECT | <u>s</u> |
|-----------------------------------|---------------------------|--|--|
| Description | Capital Cost | Recurrent Cost | Remarks |
| Airfield | 280,000 | 50/60,000 | Single runway only. Tholudes radio and costs/ |
| Power Station | (a) 130,000 (h) 95,000 | (Reduction in recurrent expenditure anticipated) | (a) Based on installation of 3 new diesel generators. (b) Based on installation of 2 new diesel generators and retention of 2 new old one (c) Results in recurrent reductions. |
| Stanley Roads (Concr Programme | eting) 200,000 | | £20,000 worth of concreting annually for 10 years . |
| 2. Agriculture Advisory | Service 75,000 | Depends on future pattern after 3-year life as capital project | Total £75,000. £20,000 represents F.I.G's share on C.D.& W basis which however may not apply to A.I.D. arrangements. |
| Hydatid Disease Erad | | | A hypothetical F.I.G. contribution to a 5-year eradication campaign. |
| Stanley Roads (Retar Programme | | | Being re-estimated currently by S.P.W. |
| Investment Projects | 65,000 | | |
| Swimming Pool | 5,000 | | Ir. addition to funds already raised |
| | (£775,000) = £155,000 | hepman hand and capes 3/5-7 | To plany. hl priano on annul heros: but hill war. pr £2- ? Shuttar. ? Politics ? Cash in. |

CONFIDENTIAL

EXECUTIVE COUNCIL

ELECTRICITY DEPARTMENT: POLICY

ESTIMATED COSTS

| Scheme 'A' | Three 750 Kw. sets, all existing sets discarded. |
|------------|---|
| Scheme 'B' | Two 750 Kw sets, two 200 Kw. sets, to be automated. |

| Item. | Description | Scheme 'A' | ' <u>B</u> ' |
|-------|--|------------|--------------|
| 1 | 750/415 volt. fully automatic, airmatic starting, synchronising, load sharing, etc. diesel alternator sets being completely selt-contained and automatic in every | | |
| | respect. Note This estimate is calculated from a December, 1965 offer through the C.As for two 539 Kw sets. Delivery was 44 weeks with price quoted remaining firm for that period. | 109,000 | 72,700 |
| 2 | Freight insurance for Item No. 1 is not calculable as shipping specifications are not known. Provisionally allow: | 2,500 | 1,700 |
| 3 | Steel framed building with sheathing | | |
| | including provision for lifting beams engine foundations, ducting and freight. Note This estimate is calculated from costs of a similar building constructed with contract labour in Stanley by B.A.S. | 10,000 | 10,000 |
| 4 | Installation and modifications to existing control | 2,000 | 2,000 |
| 5 | Automation of the two existing 200 Kw. sets. | | 5,000 |
| 6 | Attendance of Engineer during later part of installation for commissioning trials. Makers estimate minimum of two months, would prefer three. 1965 quote was £20 per day, allow £25 per day for 90 days, plus air fare and Darwin Voyage. This | | |
| | item is a Maker's recommend; it may not be considered necessary by the Government | 2,679 | 2,679 |
| 7 | Allow contingencies | 1,000 | 1,000 |
| | TOTALS | £127,179 | £95,079 |

signed by E. C. Gutteridge Superintendent Power and Electrical Department.

14th July, 1969

CONFIDENTIAL

Present Staff Structure and Proposed Staff Structure under Conditions of Automation

| Present | | Proposed | |
|----------------------|-------------------|------------------------|--------------------------|
| Superintendent | 1,660 | New Appt. half salary. | 1,000 |
| Asst. Superintendent | 1,310 | Senior Mechanic | 1,310 |
| Senior Electrician | 1,010 | | 1,310 |
| Electrician | 920 | | 920 |
| Electrician | 920 | | 920 |
| Senior Engineman | 920 | Mechanic Diesel. | 920 |
| Engineman | 760 | Aedundant | |
| Engineman | 760 | Redundant | |
| Engineman | 760 | Redundant | |
| Engineman | 760 | Redundant | |
| Meter Reader | 200 | | 200 |
| Apprentice | 500 | | 500 |
| Apprentice | 500 | | 500 |
| Apprentice | 500 | | 500 |
| | £11,480 | | £8,080 |
| | Contract Contract | | COLUMN TO LA COLUMN TO A |

Provisionally I have shown half salary of £1,000 for Electrical Engineer, one half being allotted to Postal and Telecommunications

Department. There would be a corresponding saving there of a further £660. I have assumed a salary of £2,000 for the Electrical Engineer but this may well be increased to £2,500. Salaries are shown at maximum to give comparison, with the exception of the apprentices, where an average wage has been taken.

11th December, 1969 JML

19th December.

69

To: Superintendent of Power & Electrica Department.

From: Colonial Secretary

Stanley

New Power Station and Generators, Stanley.

It has been decided to make a tentative approach to the Foreign and Commonwealth Office asking them to obtain from British AID giving some indication of what is likely to be their reaction to an application from the Colony Government for financial assistance, either under C.D.& W or A.I.D. conditions for the power station project which you put forward a few months ago.

2. Attached hereto for your completion, together with any comments you may wish to make and amendments you may wish to suggest is a draft letter to that Ministry for this purpose. I shall be glad if you will get in touch with me by telephone as soon as you are ready to discuss the draft.

J. A. Jones. Colonial Secretary.

Confilmhal.

f.2+59. A

Draft letter to Sugs, F.C.O.

(from dev. project. file)

New Power Station and Generators, Stanley.

The present Stanley Power Station is now 20 years old. Its generators were purchased from **SNITH.OFMALTY***..... as surplus stock after the 1939-45 war and were installed in a building which was designed as a cinema and is unsuitable as a power station. The installation has given excellent service but Superintendent of Power and Mectricity has for the last few years been sounding a warning note that particularly as neither the equipment nor the building were chosen for the job but were in both cases makeshift solutions taken through force of circumstances, it must be expected that after so long a life trouble would occur.

Ster

Hi suchrafted

Lin B attacked

Earlier this year, in June two tentative schemes were produced locally for the provision of a properly planned power station with automatic equipment, which would for the first time give Stanley a modern power station plant specifically for the purpose and which, because of automation, be expected to reduce annual recurrent expenditure on Staff by some \$23,000. I attach hereto a document describing the two schemes.

As habrythed in Ballached The power station proposal is carrently only one of a number of capital projects which we have under consideration but a recent fatigue fakings failure in one of the generators at the power station institutes our isolating this project from the others and giving it top priority.

Het

You will see from the attachment to this letter estmated cost range of the two schemes proposed is from £160,000 to £130,000 and

/this.....

this, you will fully appreciate, is no small sum. The purpose of this letter is to ask you to let us know what reaction there is likely to be from the Ministry of Overseas Development if we put forward a proposal, either on a C.D. & W basis or A.I.D. basis, as may be appropriate at the time. Timing is of some importance and it is particularly important for us to know what would be the nature of any financial assistance we might expect to receive under A.I.D. arrangements. (Presumably any C.D. & W. assistance would on the normal 30/20% basis, but I believe it probable that for a project of this kind A.I.D. assistance would be in the form of long-term low interest loan with an initial moratorium of five to seven years.

I need hardly emphasise that the provision of electric

power apart from its importance in the context of health services

and so on is of great importance in the context of the pilot

plant stage of the Alginate Industries project and we would hope

for sympathetic consideration for in a situation where finance

of the order involved would very seriously deplete our resources

and the lack of electric power, seriously impede possible development.

J. A. Jones.
Colonial Secretary.

advice about the chances of tweether of much an application it would be most helpful.

Proposed Amendments to draft letter to Sugg, F.C.O. F.2459.

1St. Para. The present Stanley Power Station is now 49 years old. The diesel alternators were purchased from the British Admiralty as surplus stock after the 1939-45 war. unfortunately They were obsolete at the time they were acquired. having been superceded by machines of more modern design. They were installed in a building acquired from the Forces which had been intended to be used by them as a cinema. The installation has operated satisfactorily and although neither the machinery nor the building were designed for the task. have served their purpose. For some time the Superintendent of the department concerned has been advising that consideration must be given to replacement.

2nd. Para. As draft,

3rd. Para. The power station proposal is considerably one of a number of capital projects which we have under consideration but a recent structural failure attributed to fatigue in one of the diesel engines at the power station institutes our isolating this project from the others and giving it top priority.

4th. Para. As draft.

Ultimate Para. I need hardly emphasise that the provision of electric power is of extreme importance, we are dependent upon it for all public services including water supply, medical services, radio communications and so on, the Undertaking also supplies the E.S.R.O.

See recentsh station, British Antarctic Survey communications network and the R.N. and R.M. barracks. It is of great importance, in the establishment of pilot stage for the Alginate Industries project. and we hope for sympathetic consideration in a situation where finance of the order involved would seriously deplete our resources and the lack of electric power/ seriously impede possible development.

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CONFIDENTIAL EXECUTIVE COUNCIL

6/70

Capital Projects

Memorandum by the Colonial Secretary

Previous Reference: Executive Council Meeting No. 17/69, Minute 3

Under cover of Information Memorandum No. INF.25/69 a tentative list of capital projects was circulated to Members and in subsequent discussion in Council it was agreed that enquiries of an urgent nature should be made from the Foreign and Commonwealth Office regarding the likelihood of British financial assistance being provided for the new power station project. At the same time it was agreed that the general plan would need to be carefully analysed and a decision made regarding the best manner in which to approach the various projects.

- 2. Since the Executive Council Meeting in question more projects have been added to the list of which a revised version is attached hereto as Annexure 1. Two other Annexures are designed to present the tentative plan by sectors (Annexure 2) and to indicate possible sources of aid finance (Appendix 3).
- Members are aware that the C.D. & W. arrangements which have existed for more than twenty years are to come to an end in early April this year and will be replaced by AID arrangements the exact nature of which we shall However it is a fact that of recent ascertain only through experience. years Britain, while voting her aid funds at a total of approximately £200 million annually has made arrangements for contributing to development programmes covering periods longer than a year. Examples which come readily to mind are Gibraltar among dependent territories and The Gambia among independent states. It is for consideration therefore whether the best tactic for the Falkland Islands Government to adopt might not be to settle, in priority order, the pattern of a development programme as a basis for negotiation with the British Government but at the same time indicating other possible sources of finance (to seek which it must be assumed the British Government's agreement would have to be obtained) in order to quicken British interest. This method should result in our obtaining a reasonably precise idea of the capital contribution the British Government would expect of the Colony Government which in turn would enable the Colony Government to make some calculation of the probable life of its This in turn would enable an assessment of the political For this reason the list of projects in the implications to be made. attached annexure has been given a suggested order of priority (as a basis for discussion only) and an indication has been given of which projects can be regarded as significant revenue-earners or expenditure-savers and which cannot.
- 4. Members are invited to consider whether the method proposed in the preceding paragraph should be pursued in an endeavour to establish a realistic and worthwhile development programme and at the same time evaluate its political practicality.

(J. A. Jones) Colonial Secretary.

File Ref. 2459 27th January, 1970 JML

CAPITAL PROJECTS

| Priority | Description | Hypothetical Capital Cost | Whether (i) revenue- earning or (ii) expenditure-saving | Hypothetical Recurrent Cost | Remarks |
|----------|--|------------------------------|---|---|---|
| 1 | Power Station | (b) 130,000 (c) 95,000 | Both | 20,000 | (a) already allocated to priority. (b) based on installation of 3 new diesel generators. (c) based on installation of 2 new diesel generators and retention of 2 old ones |
| 2 | Agriculture Advisory Service | 75,000 | | Depends on future pattern after 3 year life as capital project | e Total £75,000 of which, on a CD&W basis, FIG's share would be £20,000 over three years. AID basis not known. |
| 3 | Hydatid Disease Eradication | 15,000 | Both | | Represents a hypothetical FIG contribution to a 5-year eradication campaign (£3,000 p.a.) |
| 4 | Airfield (including air/ground communica-tion channel) | £280,000 | No | 50 - 60,000 | Say, I.A.L. contract, £25,000. Add receiving and naintenance costs of all supporting services: say another £25,000 (see also Communications sub-committee's report) |
| 5 | Investment Projects | 65,000 | (i) | ? | It is assumed that government would only invest in revenue-earning projects. |
| 6 | Assisted Immigration | 25,000 | | | Hypothetical total of a 5 year programme at rate of £5,000 p.a. |
| 7 | Stanley Roads Programme | 200,000 | (ii) | Nil (a) | (a) is applicable if a continuing concreting programme is parsued. Under CD & Warrangements FIG contribution over 5 - 10 year period night back40,000. |

| Priority | Description | Hypothetical Capital Cost | Whether (i) revenue- earning or (ii) expenditure-saving | Hypothetical Recurrent Cost | Remarks |
|----------|---|------------------------------|---|--|------------------------------------|
| 8 | Re-equipment of FIDF with 7.62 mm rifle | 7 - 10,000 | ?(ii) | As now, or at lower rate for, say 10 years | |
| 9 | Swinning Pool | 10,000 (a) | No | ? | (a) less amounts already collected |
| 10 | Telecommunications/ Broadcasting. (Camp Communications) | 25,000 | 1 - | ? | |

(812 - 820,000)

Breakdown by sectors (listed alphabetically)

| Sector | Projects | £ | Percentage of approx. total of £800, | |
|-------------------------------------|---|----------------------|--------------------------------------|--|
| Agriculture | Agriculture Advisory Service | 75,000 | 9% | |
| Communications | Airfield excl. associated air/ground communication channel; Roads | 430,000 | 54% | |
| Defence | Re-equipment of FIDF with NATO rifle | 10,000 | 1% | |
| Industry and Power | Assisted immigration; Power Station | 220,000 ^y | 27% | |
| Social Services | Hydatid Disease Campaign; Swimming Pool | 25,000 | 3% | |
| Telecommunications X & Broadcasting | Camp Communications; air/ground communications associated with airfield | 65,000 | 8% | |

y = S.P.E.D. has proposed 2 schemes, vide annexure 1. In view of the fatigue failure at the Power Station prospects for the cheaper scheme are less hopeful. Accordingly the estimate for the more expensive scheme has been included in the sector figure of £155,000



Anticipated Financial Resources

| LOCAL | | . £ |
|--|---|---------|
| Colony Resources | | 300,000 |
| Annual contribution from recurrent surpluses | • | ? |
| Annual contributions from other Colony sources | | 3 |

EXTERNAL

British AID Funds

WHO/FAO/UNICEF Funds (Hydatid Campaign; Agriculture Advisory Service)

Canadian Aid Funds (Airfield/Aviation projects)

U.S. AID funds (Telecommunications/Broadcasting; Swimming pool)

Australian aid funds (NATO rifle for F.I.D.F.)

W. German aid funds (Power Station)

TELEGRAM SENT.

From GOVERNOR to SECRETARY OF STATE

Despatched: 16/2/70

Time:

Received:

Time

No. 36

RESTRICTED

Power Station generators.

Letter 2459 of 6th January from Jones to Sugg.

Would like to initiate specific request for assistance for project. Grateful therefore to receive your reaction to letter preferably by telegram.

Cypher: SJS

245419

DECODE.

2+

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

PRIORITY

p.14

NO 29. For Col Sec from Sugg your letters of 5 and 12 January development projects I am making enquiries with C.D.M. and will let you know results by telegram you may wish to consider discussing these projects with Braum during his visit

Stewart

P/L: ARA

Intld H.L.B.

copy for 2+59

17th February

Dear Sirs.

Extension and Automation of Stanley Power Station

We are giving consideration as a matter of priority to the possibility of replacing some of the original generating plant installed in the Stanley Power Station and automating it. The purpose of this letter is to give you the information we assume you will require to:-

- (a) Give a critical survey of the proposals we have in mind.
- (b) Obtain any counter proposals you may have.
- (c) Obtain through your offices quotations for plant, buildings etc. necessary to complete the project.
- 2. The present station as shown on drawing 'B' was completed early in 1951. The building is constructed of concrete block walls which support steel roof trusses spaced twelve feet apart, there are no buttresses or girder supports to the roof trusses.
- 5. The original machines are three Blackstone EPV6 150Kw. 600 rpm. diesel engines driving Grompton Parkinson alternators wound at 400/230 volts with a frequency of 50 cycles. These alternators feed, via 400 amp Grompton Klad 'A' OCBs. into a Grompton Parkinson switch and alternator control board. Outgoing feeders and the general arrangement is shown on drawing 'A'. In 1959-60 two Mirrlees TL6 Brush 196Kw. 400/440 volt 50 cycle sots were acquired locally and installed, their voltage control was modified to suft that of the original sets and they have operated successfully in parallel with them.
- 4. For some little time now consideration has been given to the replacement of the Blackstone sets due to the increases in electrical demand and the fact that these machines are showing increasing signs of wear as was evident recently by a fracture in a main cylinder housing.
- 5. Annual current output is 2.4 million units, increasing by 140 over the past ten years. Maximum and minimum demands are 650Kw. and 150Kw. respectively. The maximum is estimated to increase to 850Kw. within the next ten years with an average demand in the daytime of 700Kw. These figures would be exceeded if any major development took place.
- 6. Proposals. It will be seen from the layout on drawings 'A' and 'B' that there is no space for any additional generating set in the present station. It would not be practical to remove one or more of the Blackstones to give space and at the same time maintain continuity of supply during the installation period which may well be prolonged.

- An extension to the present building is proposed as shown in broken lines on drawing 'B'. Approach is from the north, the south and west sides are bounded by a quarry face and fuel storage tanks and on the east boundary there is an access road to the back of the station.
- The proposed building extension might enclose the existing office shown at 5. and be constructed of the usual steel frames supporting similar roof trusses all sheathed in alloy. Space has been allowed for an additional 3rd set should this at some time be necessary either by removing the office at 5. or using the vacated space now taken Engine lifting beems would be necessary in line by the Blackstones. with the new sets and double entrance doors built in at the north end of the new extension sufficient in size to allow entry to the largest pieces of machinery.
- The proposed new sets two in number would each be of 750 Kw. 400/230 volts 50 cycle diesels of 600 rpm. fully automatic, airmatic starting, synchronising, load sharing etc. etc. being completely self contained and automatic in every respect with radiator oil and water cooling.
- 10. The existing TL6 Mirrlees Brush 196 Kw. sets would be required to be automated to the same degree to bank up with the new sets. The station being entirely automatic, attended only during working daytimes for necessary maintenance. The existing distribution switchgear as shown on drawing 'A' may need some modification or replacement as a result of automating the plant.
- 11. A schedule giving type, numbers etc. of the existing plant are shown on the index to drawings 'A' and 'B'.
- 12. I trust that the enclosed details although concise are comprehensive enough to enable you to assist in this initial stage as requested at paragraph (a) - (c) of this letter. I look forward to receiving your comments and quotations.

Yours faithfully,

(Sgd) J. A. Jones

COLONIAL SECRETARY

To brown Agents

Copies to: SPED

Il Pour to be to ACS for him to retain for hearting at Kico. of 2.3.70. Ally

To: Superintendent Power and

From: Colonial Secretary.

Electrical, Stanley

copies to C.T. & S.P.W.

New Power Station and Generators, Stanley

of 27.1.70) from the Foreign and Commonwealth Office advises us of the introduction, upon the termination of the C.D. & ... procedure, of a revised procedure for submission by dependent governments of project applications for British financial aid. A copy of the new form of application is attached hereto in triplicate.

- 2. The Despatch states that it is recognised that there may be some difficulty in providing detailed cost/benefit analyses even for major projects but nevertheless asks for such quantitative information as is available with a broad assessment of the economic and social benefits. To ensure that delay in consideration of the first applications under the new procedure is minimised it is important that the best possible reply is made to each section of the application form: if there is doubt as to whether more or less information is required it would be preferable to supply too much. Best estimates of costs should be used if precise figures are available. Plans of works proposed should be the best available at the time the project is submitted. If information is not available as to, for example, the employment of consultants an indication of the present intention should be given.
- J. I am sending you copies of the form of application to enable you, in advance of our receiving the reply from the Crown Agents to our recent request to them for further costing and technical data, to work on a first draft of the project application for the new Power Station and Generators. I imagine you will wish to do this to some extent in consultation with the Superintendent of Public Works. You may also wish to have some telephone or personal consultation with me.

(J. A. Jones) Colonial Secretary.

JIL

Copies to files 2462 and 1714

2451

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched:

Time:

Received:

Time:

11.3.70

1915

12.3.70

11.00

PRIORITY GOVERNOR

NO. 41

For Col Sec from Sugg FI Telno 36 of 16/2 and FCO Telno 29 of 16/2 refer development projects.

Power Station generators proposal in yourletter of 6th January is being considered by ODM we will keep you informed.

Telephone broadcasting system your letter of 12th January ODM would agree to an application under technical assistance arrangements provided FIG would be responsible for meeting experts local expenses for accommodation transport and requisite administrative and technical help please let me know if you wish application to go forward on this basis

820 32

STEWART

P/L CA INTD JAJ

17th Morch.

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- J. To your to that there is need in the local interval in local interval in the local interval in local interval in the local interval in local interval in the local interval in local interval in the local interval in local interval in the local interval interval in the local interval in the local interval in the local interval interval in the local interval in

(f. A. Jousa) Colonial Coerotary.

Toroign and Commonath Office,

Jul

FORM FOR PROJECT APPLICATION

idulatering uthority: Covernment of the Falkland Islands. Sprial No.

- 1. Mame of Project. Extension to Stanley Power Station.
- 2. Location of the At existing over fetion site and the project and reasons termination of the electrical distribution for its choico. eveter.
- Is the project included in the approved Development Plan and, if so, shere"

Yes. As Friority 1.

(a) ill the project be put out to tender.

landement and materials will be curchased through the Crown gents who may bonder for specific items.

(b) Nome of Loney responsible for consiruction . operation.

Grown agents will be the purchasing Agency, the Palkland Islands Coversment Electrical and Public Works Departments will be responsible for oversceing construction and operation.

Professional advice on which the project is based.

The Euperintendent F. L. Lectricity Department in collaboration with the rowe gents to whom full socifications and proposals have been sent.

- 6. what are the benefits to be derived from the project?

 - (a) Mconomia. (b) Social.
- (a) tale supplier of electricity in stanley with more than 89, of output purchased by commercial and public scoter (including e.S.A.C., F.I.C. etc.) out at is at full capacity. Plant is obsolete and subject to Now equipment will provide fallure. ingressed output and sales and provide capacity for industrial development.
- (b) Alectricity for hight and heating in rivate homes and public places of intertaiment in a sub-interctio climate is essential. We and state of present e dipposit prevents impressed output and widen enjoyment of this accordity.

/continued.....

FORM FOR PROJECT ASSESSED

Extension to Stanley Power Station.

Continuation sheet 2.

7. (a)Total coat of the project (broken down into sain items of expenditure)

| ltem. | Description | Cost | |
|-------|--|--|---|
| 2. | Two 750m. 415 voit | wring, etc. sto | 75,000 |
| 2. | Stool fraued building with sheet provision for lifting beams cap ducting, services and committee | ine foundations, | 10,000 |
| 3. | Automation of two existing 200) | w. u.te | 9,000 |
| 24. 4 | Todifications to existing centre | ol. | 3,000 |
| 5. | Preight on materials | 5,000 | |
| 6. | standance of the during in commissioning. 90 speriod | | 3,000 |
| 7. | Allow contingencies. | | 1,000 |
| | | 2002-34 | 2100,000 |
| (b) | Ascent of rition and required. | Total accust. | A100,000 |
| (c) | In that W.R. Financial years is British ild required and how much cach year? | April 1970 and 550,000 April 850,000 April | 1970 by 1971 |
| | on is the work o poeted to | pources is obt | eroval from ell mined and materials automated Neroh |

File Ref. 2462 March, 1970 Jul

TELEGRAM SENT.

From GOVERNOR to SECRETARY OF STATE

Despatched:

18.3.70 Time: 1445 Received:

Time:

No. 53. Your telegram No. 41.

For Sugg from Jones. Dovelopment Projects.

Position regarding power station project noted. In my telegram No. 52 you have been informed this project now allotted first priority.

Telephone broadcasting project under consideration and do not expect to be in position notify you our wishes for some time yot.

GOVERNOR'S DEPUTY

P/L : FA

Copies to: 0663: 2459:

To: Puporintendent of abilic Coris

Prop: Colonial Secretary

Stanley

(copy to c.T.)

Stanley Cones Concreting Programs

> (J. .. Jenes) Colonial Secretary.

5

It may be useful to your ministry to have my current personal assessment of probable priorities of our calls on British development aid finance.

It is appreciated that the annual level of such aid for this Colony has been fixed at the figure of £50,000 a year. However I assume that it may be supposed that within the British Aid programme as a whole there will be very considerable flexibility, apart from that which is inherent in it, resulting from some territories' allocations in any one year being considerably underempeded. A position could arise where further funds might become available to us and should such a situation arise it would presumably be to our mutual advantage if you already had an idea at least of my thinking on the subject of priorities. In due course I would hope to be able to inform you about definite decisions on this subject.

At present the view I put forward must necessarily be tentative for reasons of which you are already fully aware, for example, the fact that the Agriculture Advisory Team is not yet in a position to make a report on its investigations. As things appear at the present, after the power station project to which, as you are aware, the first priority has been firstly allotted, I would expect the following order of choice to energy:

Priority 2: Follow up to Agriculture divisory Team

Priority 3: Hydatid Disease Survey

Beanwhile it might also be as well for you to be advised of a project which, while its priority has of necessity to be rather lower in the list than any of the projects which I have mentioned, is novertholess an important one since its final effect will be to save the colony considerable recurrent expenditure. This is the Stanley roads concreting programs, a phase of which is currently in hand and which, at an earlier stage in our local consideration of competing development needs, we had hoped might be able to be implemented phase by phase annually with the somewhat distant but nevertheless restistically attainable target of a complete concrete read system for Stanley in about seven years time. No-one will understand better than your Ministry that we do have to be careful over our priorities and while this project is undoubtedly worthwhile it carnot, as I have indicated, compete with the others which I have mentioned nor, possibly, with yet others of which I may advise you in due course. However, the opportunity to nop up unexpected spare resources in your overall programs might arise at a time when we could usefully capley funds of the order of \$20,000 for a further phase of the Stanley roads concreting programs. As I expect you know, work of this kind can only be undertaken in this climate in the spring and summer months, that is to say between Rovember and April. This, I suppose, might be a difficulty in the circumstances which I have envisaged since Hovember may perhaps be too early in year financial

(It is requested that, In any reference to this letter, the above Number late may be

COLONIAL SECRETARY'S OFFICE,

STANLEY, FALKLAND ISLANDS,

il 70

.....19.....

Dear Sirs.

Extension and Automotion of Stanley Power Station

Them: you for your letter of the 13th brok. Tour observations one proposals have the letter study and after considering all of the information yea have given the following commons and exended proposals are put for and as a basis for finalizing the everall specifications for the project.

- 2. The plant would be fully automated and use the for 16 hours over a 2 hour estad with the exception of the chemic should be unattended period cours under complications, a visit could be made at 16 har intervals for minerally, e. . repleminhent of laborating oil, possible re-action or emergls and visual impossible.
- i. The suppose socilying subscatio operation as to effect a sering of the constituent of subscatio devices) a year on start sale to. Thould it be considered but the recurrent cost of this type of system till approach or exceed this figure then automation will not be according to be according to the committee against it on the sums of possible approaching difficult. In mediatenence. Under of a of these circumstances the one standard safety claras and sols only will be fitted.
- 4. Referring now to your observations on the type and especity of the replacement plant. In view of the information that the TIE lirries 200 fm. sets and no longer made, that there may be difficulty in automating them and of the possible difficulties in Speculing them in parallel with sets of the order of 750 km. capacity, we consider it might be advisable to replace the complete plant. This we believe would also simplify automatic operation and assist towards standardising all equipment.
- factored by J.H. Allen. The capacities and types show below have been taken from your letter and the mechines identified from the catallegue the Smitch Resal mains issued by the British Internal Combustion in the Constitutions. For all note that in our choice we have incommed our overall expectly by 70, and with the combination selected should be able to exceed our result in peaks with sufficient reserve for periods of everhaul of the law set machine and have an economical ratio; for periods of minimum to the peaks with types and consider ratios of propose are:
 - one 63. m. 1,026 kp. at 600 r.p.a. de benk, turbo charged type 63837-d. m.inc.
 - One 456 Kv. 673 hp. at 600 r.g.m. diple bank, normally aspirated, type 6037-D. Ingine.
 - One 31. Aw. 470 hp. at 500 r.p.m. Single bank, normally aspirated,

The Crown Agents for

Oversea Governments and Administrations,

4, Millbank,

LONDON, S.W. I.

All # the machines quoted above are of the same type and it is against that their spares would be interchangeable.

- 6. In several public social of the several public social of the several public se
- 7. Stitcher II consist of alternature control and a with necessary and the property of the pro

One - 1, 0) amp 00B.

Two - 400 mm 008s.

Four - 300 amp funed switches.

- 8. In the health of fitted to each of the sea, and one only to the combined for stated as a last distribute and it as not included in the order of stated and it is included in the to the assumption that all plant all be in the new wing. In relation of course should be a small for possible
- 9. The ordered law of the new bailding in to north and south an idea of the new bailding in to the rest of the building reasons to be likely that the first of the building reasons to be the color of the building the ball tend to be unlightly. It said to be types and connects suggested are to be installed then sort install layout vill now in a coordingly will the sort of the boulding suggested are to be installed then sort install apout vill now in a coordingly will the sort of the boulding sort of the boundary.
- 10. If we will be the observations in which was a letter concern to invalintion date of the index of the drude of the index of the drude of the parchaser, (I describe the on one of their trajets here. To later sequire? I had a directled them in 150.
- II. e recommently constring construction the limistry of Overseas Development, to the application has been and to finance the project, of their covered of it. Hence are a copy to the limit of correspondence between us up to the size of the lightness to the the limitary. Constitution this letter is bein copied the limitary for the autonum of light. Brown.

12. I would be pleased to receive any further extents you may have as a result of the anordments contained in this letter on our original proposals.

Yours faith lly,

(J. A. Johns)

Copy to: ODM (for attention D.H. Brown)