

ACC 148/PWM

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REGION I,
NO DATE
(1943-194

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REGION I, GENERAL, SICILIA
NO DATE
(1943 - 1947?)

ACC/148/PWCT

REGION I

GENERAL

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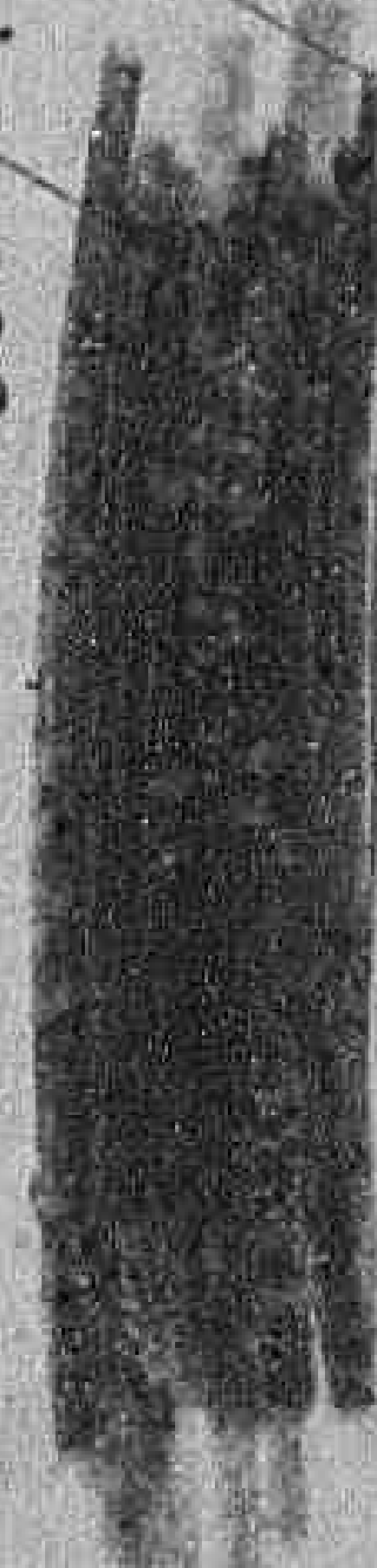
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THIS FOLDER CONTAINS PAPERS	
FROM	
TO	NO DATE
CATALOGUE.	

148

Public Works and Utilities.
PALERMO.

Present position.

1. Electricity

Up to 2 Dec. 43 (last week) this was under Admin. control of the I.B.S. Change of circumstances made it increasingly apparent that there would be advantage in A.M.G. taking it over, and Lt Col Bolick and Major Bowman had a conference with IBS which resulted in the important Memo. dated 2 Dec. 43 (Gen. McSherry, and countersigned by Col. Sears of Ord. Dept. IBS) Under this A.M.G. take over the service for all the ~~W~~ Western part of Sicily, as they did in the Eastern part since 21 Oct. last.

A 3-page additional Memo. is now being prepared, subject to Col Pelletti's approval, giving to S.C.A.O.s certain quite limited powers, locally, to call for elec. supplies etc without referring to HQ AMG. Otherwise, however, HQ have absolute control now.

2. Water.

The position is, even now, somewhat confused and uncertain. For a long time it has been "nobody's child". Technically IBS have had admin. and technical control, but admittedly they have exercised it mainly, or only, in the direction of seeing that (a) troops had sufficient water, and (b) docks and shipping.

In the result, though AMG (Col. Bolick and Maj. Bowman) have intervened from time to time to get better conditions for the City, and the civilian population generally, they have done so without any real authority. They have operated through Maj. Haley's office, in the person of Capt. Dastoli, and to him they have given orders from time to time. These orders have always had to go through "channels" and not direct, and there has been delay at times. Certain it is, however, that Capt. Dastoli is in a technical and engineering sense directly under Col. Bolick and also Major Bowman (for Utilities) and Major Boyd (General Public Works).

This has resulted in the Water Co. getting orders through two channels, IBS and AMG, with poor results in various ways.

Majors Bowman and Boyd say that there is a strong case (and I fully agree with them) for the issue of a Memo. such as has been done in the case of electricity i.e. placing the Water Undertaking under AMG, and the IBS to relinquish such minor control as they have up to now exercised. They put this to IBS last week, but it was refused. So long as the refusal persists it seems to me there will be this divided control. I think IBS should be approached again.

3. Gas.

Is an AMG responsibility, and always has been. Only 3 Works in Sicily (We have details of these in Maj. Knight's recent report).

2.

Water.

The position is, even now, somewhat confused and uncertain. For a long time it has been "nobody's child". Technically I B S have had admin. and technical control, but admittedly they have exercised it mainly, or only, in the direction of seeing that (a) troops had sufficient water, and (b) docks and shipping.

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Gas.

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Rain Drainage.

A M G responsibility throughout. Fairly satisfactory, new that repairs in Via Maqueda and other streets have been done.
Capt. Dastoli runs this, (on orders from AMG HQ) through City Engineer.

3.

Dangerous Buildings and Streets.

Late last August I B S took over responsibility from 7th Army, finding certain streets and areas barred-off, and in which no civilian traffic, or workmen were permitted. They continued this policy for a long time, ignoring the fact that there was grave danger even to their own men and vehicles. Very luckily, up to now, there has been no serious collapse involving injury or loss of life. After our talks and letters of 2 or 3 weeks ago, AMG

induced I B S to allow repairs to be put in hand in streets such as Via Roma (two very bad places) and in other main streets, with a time limit for vehicles etc of two weeks. That time is almost up, and AMG are asking I B S to extend it, since the delicate and dangerous work of demolition is taking several weeks.

Responsibility is definitely on A M G, through their Admin. officers such as Major Haley. Send through their P.W. Officers such as Major Boyd and Capt. Dastoli. These latter work through the City Engineer and the Genio Civile, as executive agencies. I B S have no concern with it, except as to relaxing restrictions of entering certain areas, or streets.

G. E. Rhodes

Lt Col RE

b. 12.43

CONFERENCE: CASE POPOLARI (Cheap housing).

PRESENT: Col. Laboon, Major Haley, Major Rolfe, Capt. Feldman, Capt. Dastoli, Major Lucio Tasca, Eng. Santangelo, Eng. Mastrogliacomo, Count Perrier, Eng. Verderame (Chief Engineer - Genio Civile), Dott. Attardi (Director Case Popolari), Eng. Vigevani (Palermo Aqueduct Director), Barone Vincenzo (Head Bookkeeper, Case Popolari).

Captain Dastoli announced that the scope of the conference was to discuss the project for the construction of cheap houses for 10,000 people who are homeless.

Eng. Santangelo stated that the project offered several difficulties other than those presented by the actual construction. They were as follows:

- 1) The short time in which the construction must be completed (35 months for 1000 constructions).
- 2) Materials necessary.
- 3) Constructions must be temporary (to last ten years at most).
- 4) The impossibility of making estimates for more than a few months in advance.

Two sites for the houses are projected. One is the ex-Fascist athletic field, the other a zone near the Naval Yards and the Tobacco Factory (Aguasanta). Both sites were discussed very thoroughly and it was finally concluded that the 1st group of houses, consisting of 200 units, would be built on the ex-Fascist athletic field because this land was city property, free of private ownership and immediately available for building purposes. The other site (Aguasanta region), according to Eng. Santangelo's plan which exactly fits into the new City plan, would be the one eventually adopted as soon as deeds of sale and expropriation measures for the land (45 acres) can be effectuated. This site has many advantages. It would provide housing for the Naval Yard and Tobacco Factory employees in the vicinity of their work so that there would be no necessity of their using busses and street cars, thus alleviating the transportation problem. To many who are now homeless and who have been living in a makeshift way it would offer the opportunity of living in decent houses. The site includes space for a school, church and medical aid station, all of which would contribute to the general welfare. The distance from the center of the city is approximately one mile.

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The total cost per unit was estimated at £ 55,000 (2 rooms, W.C. and kitchen) and it was intended to rent the houses at £ 180 per month. The Allied officers were agreed that the rent and building cost was low.

Captain Dastoli stated to Col. Laboon that he would recommend no money to be advanced unless Engineers Santangelo and Mastrogiamomo could guarantee that the materials necessary for building were forthcoming. They answered that it was planned to make wide use of recuperated materials from demolished buildings etc., but that some articles were lacking. Glass was to be furnished by a local chemist who can manufacture out of materials on hand. The Acquasanta Director, Eng. Vigevani, said he needed lead. The shortage of this material may be remedied, Col. Laboon suggested, by a request through Major Haley for Leadite (sulphur basis) from the U.S. This product substituted lead cheaply and efficiently. The local chemists could study Leadite and possibly produce a like material using the native sulphur supply. A request for cement was also made which Capt. Dastoli will consider.

In examining the unit plans, Col. Laboon said that he considered the ceilings too high in comparison to U.S. measurements and it was agreed, after a short discussion involving the hygienic necessity of higher ceilings in warmer climates, that the height of the ceilings be limited to 3 meters.

The buildings constructed are intended to be temporary (10 years duration) but Col. Laboon noted that buildings intended for temporary service usually continue to be used for years past the established time. Eng. Santangelo explained that the ex-Fascist athletic field had been chosen with this view, it being in a section where the city's growth will compel the houses to be torn down in 10 years time. On the Acquasanta site the units near the main street will be permanent constructions while the three groups behind them will be temporary.

Col. Laboon brought up the question of Finances. In the past such projects were financed by the Italian government up to 60% and eventually paid for themselves. In the above total estimate are included expenses for water and utilities and gravel sidewalks. Streets would be an extra item amounting to £ 500,000. Although an additional expense will be involved, it was decided to ~~713~~ 113 off the streets with a stratus of asphalt if the Army will release some this material for this purpose.

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Eng. Mastrogiacomo said that the Municipio favored the Acquasanta site but he and Mayor Tasca were both in accord that the 1st group of houses (200 units) be constructed on the ex-Fascist athletic field pending expropriation procedures on the other land. They considered the program excellent both as to type and plans for construction.

It was agreed that Col. Laboon would accompany Engineers Mastrogiacomo and Santangelo for a survey of the proposed sites and a view of a sample construction at Romagnolo. ==

ALLIED MILITARY GOVERNMENT
CIVIL AFFAIRS OFFICE
CITY OF PALERMO

Distribution of Duties of Palermo Provincial Technical Offices.

1. Commune of Palermo (Ing. Mastrogliacomo Aurelio).

Repairs of footways (sidewalks).

Road maintenance.

Gutter repairs and maintenance.

Repair of Communal and private school buildings.

Repair of Communal public service offices.

Financial outlay undertaken by Commune.

All payments will be subject to the visa of the Genio Civile which will supervise execution of the work.

2. Other Communes.

The Communes of Termini Imerese, Gela, Partinico, Corleone, Monreale, may carry out work to a maximum of L. 100,000.-

Other Communes to a maximum of L. 20,000.-

Works involving greater amounts will be executed by the Genio Civile.

Work executed by Communes will be paid by the Communes themselves subject to the visa of the Genio Civile.

3. Provincial Technical Office. (Ing. Jafredo Lombardo).

Maintenance and repair of Provincial works as prescribed by law. Work already begun by the Genio Civile will be completed by that office. Maintenance of CCRH buildings, of the Quarters, of the 3 technical Schools, of the Prefect's accommodation at the Royal Palace, of the Governor's Palace, of the Sanitation Supervisor's Office, and of the Laboratory of Hygiene and Prophylaxis. 7128

Financing will be undertaken by the Provincial Administration and payments will be subject to the visa of the Genio Civile.

-2-

4. A.A.S.S. (Ing. Spalletti Mario).

Will execute all work on State roads as prescribed by Italian law, i.e. work of ordinary and extraordinary nature.

5. Genio Civile.

Will supervise the following:

Removal of debris, demolition of dangerous buildings, maritime works, drainage systems, lesser drainage systems (except those which are within the jurisdiction of the Consorzi) hydraulic works, all road works not undertaken by other Enti and all State works.

Financing of the Genio Civile will be undertaken by the Surveyor of Public Works (Dott. Sibrlegi Fortunato).

Approved

Charles Poletti.

CWH/SAM/1

7127

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HEADQUARTERS FIFTH ARMY
Office of the Engineer
A. P. O. 464, U. S. Army

4 November 1943

Ref: V/477

SUBJECT: Damage to Local Resources.

TO: A.F.H.Q. Flambo.
Info: C.E. 15 Army Group.

Ref A.F.H.Q. TPM 278E, the attached report from
C.R.E. 14 G.H.Q. Troops Engineers as to the position in the
Salerno Area herewith.

ELECTRICITY

The Hydro-electric Station of TUSCIANO M. R. 868290, excepting for the high pressure mains both of which were blown in one place for a length of approximately 2' 0", was intact. The larger main was repaired in about ten days.

The distribution system was very much destroyed but mainly due to battle rather than demolition. Transformer stations in SALERNO were badly hit but the sub-station at P. PRATTE M.R. 658338 was almost intact and the delay in getting light to the priority buildings etc., was due to the repair of overhead lines etc., rather than the repair of the generating station.

WATER SUPPLY

The water supply to SALERNO is supplied by a pipe line and aqueduct collecting at ACERNO M.R. 893376 and leading to the north end of the town and on to SCAPATI M.R. 445386. This main aqueduct was blown in the hills above OGILARI M.R. 682348 for a length of about 12 yards only. When the repair to this was effected water was supplied to the town but work is still going on the repair of mains broken by bombing and shelling.

GAS WORKS M.R. 653304

The SALERNO gas works were completely destroyed by our bombing. No repairs are being effected to date.

CEMENT WORKS M.R. 659301

The cement works at SALERNO were severely damaged by bombing but could be repaired within 3 months. Most of the machinery requires minor repairs only. The overhead cable way

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from the supply quarry is damaged. The electric supply lines to the works were damaged but are now repaired.

GLASS WORKS VIETRI M.R. 615302

These works were only superficially damaged by blast and mortars. No damage was done to the machinery. Works are capable of production as soon as raw materials are available.

SALERNO DOCKS

The damage to docks was mainly caused by bombing to warehouses, etc., and that due to the blowing of the West Quay by placing Tellermine in a culvert which ran parallel to the face of the quay wall. A small vessel was sunk in the entrance to the docks but was quickly removed.

SOAP WORKS M.R. 673293

The soap works were undamaged excepting for odd damage caused by small arms fire and blast. They were put into production as soon as electricity was laid on.

BRICK WORKS M.R. 659321

The damage to buildings, etc., is negligible and when raw materials and fuel are available, production can start.

For the Engineer:

/s/ H.O. PAXSON

H. O. PAXSON,
COLONEL, C.E.,
EXECUTIVE.

BRIDGE CONSTRUCTION - REGION 1.

PROVINCE NO.	LOCATION		GRID REF.	TYPE OF PROJECT	RECONSTRUCTION (R) or NEW (N)	COST LINE
	RIVER	HIGHWAY				
T 1		No. 115	A 7530	BRIDGE	R	400,000
2	Birgi	115	A 7021	"	R	2,250,000
3		115	A 7022	"	R	937,000
4		115	A 6509	"	R	3,126,000
5	Calceara	115	F 7599	"	R	4,056,000
6		115	F 9991	"	R	1,515,000
7		Provincial	A 8212	"	R	4,153,000
8		Partaga-Monterago	B 1802	"	R	600,000
9		Marsala-Baraco	B 6603	"	R	550,000
10		Marsala-Casale	A 1056	"	R	320,000
11		"	A 1056	"	R	90,000
12		"	A 1056	"	R	700,000
13		Marsala-Trapani	A 6723	"	R	630,000
14		Foresta-Bellolampo	B 3246	Retain. Wall	R	380,000
P 1		Passo di Rigaro, Montelepre	B 3347	"	R	800,000
2			B 2841	"	R	
3		S. Christina-Borgetto	B 5728	Bridge	R	3,100,000
5	Saracona-	Boffa-Dani	B 5728	Bridge	R	
6			B 5728	"	R	
7			B 8219	"	R	
8			B 8014	"	R	
9	Caltavuturo-	Valledolmo	B 9212	"	R	970,000
10			B 9107	"	R	
11	Collesano-	Polizzi-Donsalegge	B 9424	"	R	730,000
12			B 9323	"	R	
13			B 9321	"	R	
14	Malpartugio-Castelbuono	Garaci-Bivona No. 120	B 9525	"	R	
15			C 0428	"	R	
16			C 0728	"	R	
17			C 1123	"	R	4,423,000
18			C 1319	"	R	
19			C 1317	"	R	
20	Mondonnuova-	Petraria-Alimena	C 0909	"	R	
21			C 0904	"	R	
22			C 1101	"	R	2,970,000
23			E 0939	"	R	
24			H 1199	"	R	

9	Marsala-Baraco	B 6608	"	R	600,000
10	Marsala-Cusale	A 1065	"	R	560,000
11	"	A 1066	"	R	320,000
12	"	A 1066	"	R	90,000
13	Marsala-Trepani	A 5723	"	R	700,000
1	Foresta-Bellolampo	B 3248	Retain Wall	R	630,000
2	Passo di Rigaro, Montelepre	B 3347	"	R	380,000
3	S. Christina-Borgetto	B 2841	"	R	300,000
5	Saracone-	B 5728	Bridge	R	
6	Borfa-	B 526	"	R	
7	Dani	B 6219	"	R	3,100,000
8		B 8014	"	R	
9	Calteavuturo-	B 9212	"	R	
10	Valledolmo	B 9107	"	R	970,000
11	Collesano-	B 9424	"	R	
12	Polizzi-	B 9323	"	R	
13	Donalezze	B 9321	"	R	730,000
14	Malpertugio-Castelbuono	B 9525	"	R	
15	Geraci-Bivona No. 120	C 0428	"	R	
16	Collesano-Isnello-	C 0726	"	R	
17	Castelbuono	C 1123	"	R	4,423,000
18	"	C 1519	"	R	
19	"	C 1517	"	R	
20	Mondonnuova-	C 0909	"	R	
21	Petralia-	C 0904	"	R	
22	Alimena	C 1101	"	R	2,970,000
23	"	H 0559	"	R	
24	"	H 1199	"	R	
25	Finochio Highway	B 1353	"	R	4,650,000
27	Torto	B 8228	"	R	1,240,000
28	Carline	C 0636	"	R	1,000,000
29		C 0956	Retain Wall	R	470,000
30		C 1036	"	R	380,000
31	Salito	B 8713	Bridge	R	1,944,500
32	Castellana	C 0410	"	R	330,000
33	Near Petralia	C 0510	"	R	330,000
34	Petralia	C 0913	"	R	560,000

7124

BRIDGE RECONSTRUCTION - REGION 1. (CONT'D).

PROVINCE NO.	LOCATION		GRID REF.	TYPE OF PROJECT	RECONSTRUCTION (R) or NEW (N)	COST LIFE
	RIVER	HIGHWAY				
P 35	Station Valledolmo-Cammerato					
4	S. Christina-Borgetto		A 2841	Retail	A	135,500
25			C 1805	Bridge	R	No report
A 1	Biagio	Highway 115	G 6554	"	R	551,400
2	Maro	115	G 6552	"	R	1,846,880
3	Biagio	122	G 6658	"	R	514,820
4	Favara Comune		G 7157	"	R	250,000
CI 1	Highway 122		H 1573	"	R	1,485,000
2	Colore		H 1577	"	R	138,000
3	S. Caterina		H 2158	"	R	150,000
4	Fontana Fredda		H 1860	"	R	690,000
5	Besaro		H 0870	"	R	425,000
6	Giannitello		G 9971	"	R	170,000
7	Cimia		H 3037	"	R	460,000
8	Maroglio		H 3037	"	R	460,000
9	Breemi		H 1160	"	R	330,000
E 1	Highway 121		H 3490	"	R	289,250
2	"	121	H 3503	"	R	159,840
3	"	121	H 3590	"	R	550,000
4	Cimino Bivolo Ranata		H 2578	"	R	601,800
5	Highway 117 Bis		H 3370	"	R	210,000
6	Capra Alemia		H 1793	"	R	264,000
7	"		H 1597	"	R	749,000
8	Highway 121		H 1289	"	R	526,500
9	"	121	H 7095	"	R	3,318,000
10	"	121	H 6296	"	R	356,400
11	"	121	H 6496	"	R	259,280
12	"	121	C 6895	"	R	2,640,000
13	"	117	C 3305	"	R	1,870,000
14	Dittaino-Caltanovola		H 6385	"	R	722,000
15	Highway 117 Bis		H 2533	"	R	272,700
16	Morello-Capodarno		H 1478	"	R	280,000
17	Highway 122		H 1476	"	R	753,000
18	"	122	C 3910	"	R	472,000
32	"	120	C 4813	"	R	975,000
33	"	120	C 4513	"	R	425,000
34	"	120	C 5713	"	R	3,200,000
35	"	120	C 2611	"	R	432,450
36	Salsio-Agira to Gagliano		H 4797	"	R	546,000
			H 5086	"	R	71,851,520

[illegible]

31,416,570 K

BRIDGE RECONSTRUCTION - REGION I. (C.T.D.).

Declassified E.O. 12356 Section 3.3/NND No. 785019

PROVINCE NO.	LOCATION		GRID REF.	TYPE OF PROJECT	RECONSTRUCTION (R) or NEW (N)	COST LIRE
	RIVER	HIGHWAY				
E 48		Gornalunga-Aidone-Raddusa	H 4874	Bridge	R	1,787,000
49	Saporito	Centuripi to Highway 121				
50		Valguanera-Grottacalda	H 6793	"	R	518,000
51	Barone	Highway 117	H 3576	"	R	228,750
52	Ressigone	Piazza-Armerina-Mirabelle	H 1576	"	R	404,700
53	Cerami	Highway 120	H 3860	"	R	114,075
56	"	"	C 4111	"	R	725,000
67	"	"	C 5714	"	R	481,000
68	"	"	C 5914	"	R	594,500
69	"	"	C 6015	"	R	589,000
70	"	"	C 6315	"	R	429,000
71	"	"	C 6316	"	R	1,352,400
72	"	"	C 6415	"	R	465,000
73	"	"	C 6615	"	R	182,000
74	"	"	C 6716	"	R	390,400
75	"	"	C 6815	"	R	399,000
76	"	"	C 7016	"	R	417,280
77	Cesaro	"	C 6916	"	R	302,100
78	"	"	C 6316	"	R	312,500
79	Interleto	Cesaro to S. Fratello	C 6317	"	R	495,000
80	"	"	C 6020	"	R	218,700
81	Angeli	"	C 5822	"	R	568,800
82	Bianca	Raddusa-Caltagirone	C 5725	"	R	364,500
83	Finimello	Nicosia-Sperlinga	H 4864	"	R	151,200
			C 5308	"	R	796,608

3 = 12,286,513 L
2 = 31,416,570
1 = 43,612,500

Contracts Let Total 87,315,583 L

CONTRACTS	NUMBER	AMOUNTS
Over 1 x 10'	10	15,239,030
Over 2 x 10'	1	2,640,000

Line	Location	Room	Area	Value
65	"	120	C 5914	594,500
66	"	120	C 6015	589,000
67	"	120	C 6315	429,000
68	"	120	C 6316	1,352,400
69	"	120	C 6415	465,000
70	"	120	C 6615	182,000
71	"	120	C 6716	393,400
72	"	120	C 6815	399,000
73	"	120	C 7016	417,280
74	"	120	C 6916	302,100
75	"	120	C 6316	312,500
76	"	120	C 6317	495,000
77	Cesaro			218,700
78	"			568,800
79	Interleto	Cesaro to S. Fratello	6020	354,500
80	"	"	C 5822	151,200
81	Angeli	"	C 5725	796,608
82	Bianca	Radusa-Caltagirone	H 4864	
83	Interleto	Vicosia-Sperlinga	C 3308	

# 3	=	12,286,513	€
# 2	=	31,416,570	
# 1	=	43,612,500	
<u>total</u>		87,315,583	€

Contract	Let	Total
87,315,583	87,315,583	87,315,583

CONTRACTS	NUMBER	AMOUNTS
Over 1×10^6	10	15,239,030
Over 2×10^6	1	2,640,000
Over 3×10^6	3	9,644,000
Over 4×10^6	3	12,859,000
Multi-structure Over 1×10^6	4	12,743,000
TOTALS	21	53,125,030 £

0306