No. 1732

YUGOSLAVIA

and

UNION OF SOVIET SOCIALIST REPUBLICS

Agreement (with annexes) concerning the delivery of industrial equipment to Yugoslavia on credit. Signed at Moscow, on 25 July 1947

Official texts : Serbo-Croat and Russian. Registered by Yugoslavia on 9 May 1952.

YOUGOSLAVIE

et

UNION DES RÉPUBLIQUES SOCIALISTES SOVIÉTIQUES

Accord (avec annexes) relatif à la fourniture à crédit de machines et d'équipement industriel à la Yougoslavie. Signé à Moscou, le 25 juillet 1947

Textes officiels serbo-croate et russe. Enregistré par la Yougoslavie le 9 mai 1952.

[TRANSLATION — TRADUCTION]

No. 1732. AGREEMENT¹ BETWEEN THE GOVERNMENT OF THE FEDERAL PEOPLE'S REPUBLIC OF YUGO-SLAVIA AND THE GOVERNMENT OF THE UNION OF SOVIET SOCIALIST REPUBLICS CONCERNING THE DE-LIVERY OF INDUSTRIAL EQUIPMENT TO YUGOSLAVIA ON CREDIT. SIGNED AT MOSCOW, ON 25 JULY 1947

With reference to the consent of the Government of the Union of Soviet Socialist Republics to meet the request of the Government of the Federal People's Republic of Yugoslavia for the provision of equipment and technical assistance in the erection of industrial undertakings and for the allocation of credit for those purposes, the two Governments have agreed as follows :

Article 1

The Government of the Union of Soviet Socialist Republics shall ensure the delivery to the Government of the Federal People's Republic of Yugoslavia, during the period 1948-1953, of complete industrial equipment for iron works and non-ferrous metal works, oil processing, chemical and cement undertakings, and other equipment and materials for the oil, coal, forestry and other industries, in accordance with the annexed schedule, which shall constitute an integral part of this Agreement.

Article 2

The Government of the Union of Soviet Socialist Republics agrees to extend to the Government of the Federal People's Republic of Yugoslavia technical assistance in connexion with the erection of the undertakings referred to in article 1 of this Agreement, as follows :

(a) In carrying out investigation and research work, drawing up projects, technical designs and workshop plans;

(b) In the technical supervision of the setting-up of plant and of putting the undertakings into operation;

¹ Came into force on 25 July 1947, as from the date of signature, in accordance with article 14.

(c) In acquainting Yugoslav workers and experts with the technological processes of production in the corresponding Soviet undertakings and scientific research institutions;

(d) In transmitting working designs, technical instructions and other technical documents relating to the operation and maintenance of the equipment of undertakings;

(e) In granting the right to use patents owned by Soviet legal and physical persons for the basic production of the undertakings.

Article 3

Detailed lists and the necessary specifications, prices, time-limits and other conditions for the delivery of the equipment and materials for the undertakings in accordance with the schedule referred to in article 1, and also the extent and conditions of the technical assistance referred to in article 2 of this Agreement, shall be determined in contracts to be concluded between the appropriate Soviet organizations supplying the equipment and extending the technical assistance, hereinafter called the "general suppliers", on the one hand, and the Yugoslav purchasers, hereinafter called the "general purchasers", on the other hand.

The prices of equipment and materials shall be determined on the conclusion of contracts between the general suppliers and the general purchasers on the basis of the world prices for similar equipment and materials prevailing on the date when the contract concerned is concluded.

Article 4

The Government of the Union of Soviet Socialist Republics appoints as the general suppliers referred to in article 3 of this Agreement the following authorities of the USSR, which shall act through organizations authorized by them :

(a) The Ministry of Iron Works of the USSR-for iron and steel works;

(b) The Ministry of Non-Ferrous Metal Works-for non-ferrous metal works;

(c) The Ministry of the Oil Industry of the Eastern Territories of the USSR-for the petroleum refinery;

(d) The General Directorate of Synthetic Liquid Fuel and Gas of the Council of Ministers of the USSR—for the gasoline works;

(e) The Ministry of the Chemical Industry of the USSR—for sulphuric acid works.

The delivery of the equipment and materials specified in part 6 of the schedule referred to in article 1 of this Agreement shall be effected by the appropriate USSR foreign trade organizations.

Article 5

The Government of the Federal People's Republic of Yugoslavia appoints as the general purchasers referred to in article 3 of this Agreement the following organizations :

(a) The General Directorate of Iron Works of the Ministry of Mines of the Federal People's Republic of Yugoslavia—for iron and steel works;

(b) The General Directorate of Mines and Non-Ferrous Metal Works of the Ministry of Mines of the Federal People's Republic of Yugoslavia—for non-ferrous metal and sulphuric acid works;

(c) The General Directorate of Oil of the Ministry of Mines of the Federal People's Republic of Yugoslavia—for the petroleum refinery and gasoline works.

The purchasers of the equipment specified in part 6 of the schedule referred to in article 1 of this Agreement shall be the organizations authorized for the purpose by the Ministry of External Trade of the Federal People's Republic of Yugoslavia.

Article 6

For payments for equipment and materials supplied under article 1 of this Agreement, of expenses in connexion with the delivery of the said equipment and materials to Yugoslavia, and also for the work carried out in the USSR by USSR organizations in accordance with article 2 of this Agreement, the Government of the USSR hereby grants the Government of the Federal People's Republic of Yugoslavia a credit to the approximate amount of one hundred and thirty-five million (135,000,000) United States dollars.

The definitive amount of the credit shall be determined by the two Parties after the contracts referred to in article 3 of this Agreement have been concluded between the general suppliers and the general purchasers. The two Parties shall conclude an additional protocol concerning that amount, not later than 31 December 1948.

The Federal People's Republic of Yugoslavia shall repay the credit within seven years from 1 January 1950.

Article 7

The credit shall be made available by means of the opening of a special noninterest-bearing account in US dollars at the State Bank of the USSR in the name of the Ministry of Finance of the Federal People's Republic of Yugoslavia.

The said Ministry shall issue written instructions for payments out of the above-mentioned account; such instructions shall contain all the information required for the execution of payments.

The instructions for payment shall be executed immediately after it has been established that they refer to payments in accordance with the provisions of the first paragraph of article 6 of this Agreement.

Article 8

At the end of each half of a calendar year, the debit balance in the account referred to in article 7 of this Agreement shall be reduced as the result of the transfer by the Ministry of Finance of the Federal People's Republic of Yugoslavia to the State Bank of the USSR of bonds issued in accordance with article 9 of this Agreement, for a round sum, corresponding to the debit balance, which is a multiple of one hundred thousand (100,000) United States dollars.

The State Bank of the USSR shall credit the said account with the appropriate amount immediately on receipt of the bonds.

The Ministry of Finance of the Federal People's Republic of Yugoslavia and the State Bank of the USSR shall determine the technicalities of settling accounts under this Agreement.

Article 9

The bonds referred to in article 8 of this Agreement shall be issued by the Ministry of Finance of the Federal People's Republic of Yugoslavia in the name of the State Bank of the USSR.

The bonds shall be issued in US dollars at the nominal value of one hundred thousand (100,000) United States dollars or at a value of which that sum is a multiple.

The bonds shall be drawn up in accordance with the specimen form attached to this Agreement.

Each bond issued before or on 31 December 1949 shall be paid up every six months, from 30 June 1950, in equal instalments, so that it is fully redeemed by 31 December 1956.

Bonds issued after 31 December 1949 shall also be paid up every six months from the date of issue of each individual bond, in equal instalments, so that they are fully redeemed by 31 December 1956.

The bonds shall bear an interest of 3 (three) per cent per annum, as from the date of issue.

Interest on the outstanding amount of the original debt shall be payable, in the case of bonds issued before or on 31 December 1949, every six months, from 30 June 1950, and in the case of bonds issued after 31 December 1949, from the last day of the half-year following the half-year in which the bond was issued.

Article 10

The redemption of bonds and the payment of interest on them shall be effected by means of deliveries of lead, lead and zinc concentrates, copper, hemp, tobacco and other goods agreed on by the two Parties, or in gold or in freely convertible currency.

In the event of redemption of bonds and payment of interest by means of deliveries of goods, the two Parties shall agree in each calendar year on the description, amount, prices and time-limits for delivery of the goods, three months before the beginning of the next year of redemption of bonds and payment of interest.

The value of goods supplied for the redemption of bonds and payment of interest shall be credited to a special account in US dollars of the Ministry of Finance of the Federal People's Republic of Yugoslavia with the State Bank of the USSR. The State Bank of the USSR shall write off this account every half-year an amount equivalent to the amount of the bonds and the accrued interest thereon to be redeemed in the half-year concerned.

In the event of the redemption of bonds and payment of interest in freely convertible currency or in gold, the conversion of the freely convertible currency into US dollars shall be effected at the prevailing rate of the State Bank of the USSR at the time of the payment, and gold shall be accepted by the State Bank of the USSR at Moscow at the official rate of gold at New York on the date of the payment, after deduction of expenses in connexion with the transfer of the gold to New York.

The Government of the Federal People's Republic of Yugoslavia is entitled to redeem bonds and to pay the accrued interest on them before they have matured. In such cases, the interest shall be computed up to the date of redemption of the bonds, inclusive.

Article 11

The two Parties shall appoint their representatives, who shall supervise the application of this Agreement and draw up appropriate recommendations at their meetings held at Belgrade or Moscow.

Article 12

The Government of the Federal People's Government of Yugoslavia declares that technical documents and information received from the USSR in connexion with this Agreement shall be regarded as not subject to publication and in specific cases as secret, and that they will be properly guarded.

Patents and the aforesaid information shall be used exclusively for the relevant production in the territory of the Federal People's Republic of Yugoslavia.

Article 13

Any dispute which may arise from the contracts referred to in article 3 of this Agreement shall be settled, unless the Parties to the dispute appeal to State courts, by the Foreign Trade Arbitration Commission of the All-Union Chamber of Commerce at Moscow, whose decision shall be final and binding on the Parties to the dispute.

Article 14

This Agreement shall come into force on the date of its signature.

DONE in duplicate at Moscow, on 25 July 1947, in Serbo-Croat and Russian, both texts being equally authentic.

By authorization of the Government of the Federal People's Republic of Yugoslavia : *(Signed)* M. POPOVIČ By authorization of the Government of the Union of Soviet Socialist Republics : *(Signed)* MIKOYAN

A N N E X

to the Agreement of 25 July 1947 between the Government of the Federal People's Republic of Yugoslavia and the Government of the Union of Soviet Socialist Republics regarding the deliveries to Yugoslavia of plant and equipment on credit

SCHEDULE

OF PLANTS AND EQUIPMENT TO BE DELIVERED ON CREDIT FROM THE UNION OF SOVIET Socialist Republics to the Federal People's Republic of Yugoslavia

Item	Unit of measurement	Number	1948	1949	1950	<i>1951</i>	1952	1953
1. Iron and steel works				,	Í			
(a) Plant and equipment for an ore mill, ca- pacity 500,000 tons per annum of crude ore, including:								
For crushing and grind- ing	ton	350		100	200	50		
For enrichment	ton	100			100			
For agglomeration Metal structures (b) Plant and equipment for an ore mill, ca- pacity 1,000,000 tons per annum of crude ore, including:	ton ton	250 165		65	100 100	150		
For crushing and grind- ing	ton	550			100	200	200	50
For enrichment	ton	200			_	200		1 Fue
For agglomeration (3 Dwight Lloyd belts) Metal structures (c) Cable-way for trans- port of ore, one-way, capacity 1,000,000 tons per annum, length 39 km, including :	ton ton	1,500 1,000	_		350 300	500 300	500 400	150
Parts of machinery Metal structures (d) Plant and equipment for production of 400,000 tons of pig-iron per an- num, including : No. 1732	ton ton	4,200 850	1,200 250	2,000 450	1,000 150			

United Nations — Treaty Series

Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
First part : blast furnace, capacity 600 cu.m	ton	2,200		500	1,500	200		
Turbo-blower, capacity 2,000 cu.m./min Metal structures Second part : blast fur- nace, capacity 600 cu.	piece ton	1 900	Al-range participar	300	1 600	• .		, - 4
m. Turbo-blowers, capacity	ton	2,200	·		500	1,500	200	
2,000 cu.m./min. Metal structures (e) Plant and equipment for production of 500,000 tons of steel per annum, including : First part : 3 Martin fur- naces, capacity 130 t. with mixer of 600 tons, for steel manufactur-	piece ton	2 900			400	1 500	1	
ing	ton	2,300		500	1,200	600	H	_,
Metal structures Second part: 3 Martin furnaces, capacity 130 tons, with mixer of 600 tons, for steel ma-	ton	6,000		2,000	3,000	1,000		
nufacturing	ton	2,300			500	1,500	300	-
Metal structures (<i>f</i>) Plant and equipment for new rolling mills, capacity 300,000 tons of finished rolled products per annum, including : Blooming, diameter 1,000 mm, complete with vehicles for rc- turning ingots, pulleys, lineals, shears and in- stallations for storing semi-finished manu- factures of cross-sec- tioned slabbing for sheets and offcuts	ton ton	6,000			3,000	3,000		
Rolling-mill for semi-							İ	
manufactures, 650 mm Rolling-mill for ordinary	ton	2,100				500	1,600	
sheet	ton	2,300				1,250	1,050	-
sheet	ton ton piece	$1,500 \\ 2,400 \\ 4$				1,000	500 800 1	1,600 1
(g) Plant and equipment for production of 500,000 tons of coke per annum, including :								

No. 1732

1952

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
First part : a battery for 300,000 tons of coke per annum :								
For crushing and grind- ing For concentrating	ton ton	100 50	_		100 50			844 - 1920 - 1 1980 - 1
For the coke-furnace . Second part : a battery for 300,000 tons of coke per annum :	ton	800			800			
For crushing and grind- ing	ton ton	100 50	_	_	100	50		
For the coke-furnace .	ton	800		_	_	800		v estor
Plant and equipment for coke chemical factory	\$US 1,415				290	375	375	375
 (h) Transport equipment and cranes for iron and steel works, including : Derricks (Tigler), 10/10 tons 	piece	2				1	1	
Derricks (Pratcen), 15 tons	piece	4	,	1	1	1	1	
pulling capacity 175 tons	piece	2				1	1	
Cranes for ore yard with clamshell, span 76 m	piece	2			—	1	1	
Foundry cranes, 175/50/ 15 tons Foundry cranes, 125/30	piece	3				1	1	1
tons	piece	3			1	1	1	
tons	piece	4		—	1	1	1	1
tons	piece	2			1	1		
tons	piece	2	-			1	1	
50/10 tons	piece	5	1	1	1	1	1	
75/15 tons	piece	3		1	1	1		
$30 \text{ tons} \ldots \ldots \ldots$	piece	1					1	
Standard erection cranes, 30/7.5 tons	piece	2	1	1		_	_	
Standard erection cranes, 75 tons	piece	1	1	_			-	
Standard bridge-cranes, power-driven, 15 tons Standard bridge-cranes,	piece	11	2	2	2	2	3	
power-driven, 20/5 t.	piece	4	1	1	1	1		

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Standard bridge-cranes, power-driven, 15/3 t.	piece	7	1	1	1	2	2	
Standard bridge-cranes, power-driven, 10 tons	piece	7	1	1	1	2	2	
Standard bridge-cranes, power-driven, 5 tons Electric bridge-crane	piece	5	1	1	1	1	1	
with crab and magnet, 15 tons Electric bridge-crane	piece	1	—	—		1		_
with crab and magnet, 10 tons Electric bridge-crane	piece	1	_	1	—	—		_
with crab and magnet, 5 tons	piece	2			1	1		_
Electric bridge-crane, with grip, 10 tons	piece	2		1	1			
Bridge-cranes with crab, 10 tons Bridge-cranes with mag-	piece	2			1		1	
net, 10 tons Bridge-crane with mag-	piece	2		1	1			
net, 15 tons Electric cranes, up to 5 t.	piece piece	1 6	— 1	- 1	— 1	1	- 2	_
Cranes with magnet and crab, 10/5 tons Hand bridge-cranes, 5 t.	piece piece	$2 \\ 2$	- 1		1 1	_ 1		
Hand bridge-cranes, 10 t.	piece	2		1	—	1	—	
Cranes electrotelpher, up to 3 tons Crane with magnet and	piece	2	1	1				_
crab, 10/10 tons Railway cranes, 7.5 tons	piece piece	1 5	_	1 1	1	- 1	- 1	
Railway cranes, 15 tons	piece	3			—	1	1	
Railway crane, 45 tons	piece	1	—	—				
i) Presses and smithy in- stallations for auxiliary workshops, including: Scrap press Pneumatic hammer Besch, 75 kg	piece piece	1						
Pneumatic hammers Besch, 150 kg	piece	3	1	1	1			
Friction press, 100 tons Friction press, 60 tons Hand presses with screw	piece piece		1	_	- 1	_		
up to 10 tons Combined press with	piece piece	3	1	1	1			

Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
2. Non-ferrous metals works								
 (a) Gold cyanidation plant, capacity 1,000 tons of ore per 24 hours 	piece	2			1	1		_
(b) Molybdenum ore flota- tion plant, processing capacity 2,500 tons of ore per 24 hours, in- cluding:								
Conical crusher Mac- Cully, No. 30 Symons crusher, stand-	piece	1		_	1	_		
ard type $5 1/2 \ldots$	piece	1	—		1			
Symons crushers, short cone, type 5 1/2	piece	2			2			
Ball-mills with meshes, $2,700 \times 3,600 \text{ mm}$.	piece	2			2			
Ball-mill with meshes, $2,100 \times 1,500$ mm	piece	1			1			
Electric bridge-crane, capacity 25/10 tons .	piece	1		-	1	_	_	_
Electric bridge-crane, capacity 50/10 tons .	piece	1			1	_		
Conveyor belts, 600-750 mm wide Telpher cranes, capacity	metres 450				450			
5 tons	piece	8			8			_
Vibrating screens GZ-3 Classificators Akins Flotation machines No.	piece piece	8 3	_		8 3			
24, 12 cells each	piece	16	_		16	-		—
Feeder, plate-shaped, $1,200 \times 3,000 \text{ mm}$.	piece	1			1	-		
Flotation machines No. 15, 12 cells each Contact pots, diameter	piece	4			4	_		
$2,500 \times 2,500 \text{ mm}$ Sand pumps Apparatus for taking	piece piece	4 20			4 20	_	_	
test samples	piece	12			12	-		
Aggregate feeders for reagents	piece	8	_		8	_		-
Concentrators Dorr, dia- meter 6-9 m "Dorko" pumps Disc-shaped feeders	piece piece piece	2 2 6	_		2 2 6			
Conveyor belt scales	piece	3			3	_ [_	_

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Vacuum filters with 4 discs, surface 9 sq. m. Vacuum pumps RMK-3 Centrifugal pumps (c) Lead, zinc and gold flotation and cyanida- tion plant, production capacity 250 tons for 24 hours, including :	piece piece piece	2 4 2			2 4 2			
Crusher, type "Blake" Symons crusher Vibrating screen GZ-4 . Ball-mill with meshes .	piece piece piece piece	1 1 1 1			1 1 1 1			
Ball-mill with central emptying Classificators Akins, dia-	piece	1			1	1 Mary 10	r 144	
meter 1,200 mm Flotation machines No.	piece	2			2		•	
21, 12 cells	piece	8			8			~
$600 \times 600 $	piece	2			2			Fig 19
Revolving sluices with automatic drains Concentration benches . Concentrators "Dorr",	piece piece	4 2			4 2	14 m		
diameter 9 m Pumps "Dorko" Vacuum filters, cylindri-	piece piece	2 2		_	$\left \begin{array}{c} 2\\ 2\\ \end{array} \right $,
cal, surface 10 sq.m. Vacuum pumps RMK-3 Blowers RMK-2 Electrical bridge-crane,	piece piece piece	4 2 2			4 2 2	F	ka kok Mana	·
capacity 25 tons Conveyor belts, 500 mm	piece	1			1	••		
wide	metre piece piece	150 14 1	_		150 14 1			
(d) Copper electrolysis plant, production ca- pacity of 2 plants 12,000 tons per annum, including :								
Motor-generator, conti- nuous current, 9,000 amperes, tension 80 v. Wire bar casting ma	piece	2	_	1	1	****		
 Wire bar casting ma- chine (e) Zinc electrolysis plant, production capacity 12,000 tons per annum, including : 	piece	2	-		1	1		·
Bridge-crane with crab, capacity 5 tons No. 1732	piece	1		_		1		

1952

Item	Unit of measurement	Number	1948	1949	1950	1951	1952	19 53
Conveyor belts, 600 mm wide, 52 m long	piece	2				2		
Chain shovel elevators, 10-20 m Concentrators Dorr, rub- berized rakes and axle,	piece	5		<u> </u>	—	5	a	
made of acid-resistant steel	piece	3	·			3		
Crane, capacity 10 t, 2 hooks and floor control	piece	1				1	1	
Aerators, capacity 10 t/ hour	piece	2		_		2		بري
diameter 5 m	piece	1		—		1		
Dry dust catcher with 5 coils and exhauster .	piece	1				1		
Propeller agitators for leading, with diffusor and mixer	piece	6				6		
Filter presses, type Abraham, 820×820 .	piece	3				3		-
Cylindrical vacuum fil- ters, 10 sq. m	piece	2				2		
Rotating blowers RMK, 450×520	piece	2		_	_	2		
Vacuum pumps RMK, 450×520	piece	3				3		
Cylindrical kiln, dia- meter 1.6 m Levelling tank with	piece	1	_	— .		1		
coated mixers, dia- meter 3 m Acid-resistant pumps	piece	3				3		
KNZ	piece	10				10		
Straw-pumps, capacity 1 cu.m./min.	piece	4				4		87.5 W
Agitators with rakes, diameter 4 m Ball-mill, diameter 1.6 m	piece piece	4 1			_	4 1		• • • · · ·
Roasting oven, capacity 100 tons of concen- trates per 24 hours . Ventilator "Sirocco",	piece	1				1		
No. 6.5	piece	1				1		-
amp., 600 volts Motor generators, 1,000	piece	3				3		~
amp., 12 volts Electric furnace, 400 kW	piece piece	2 1		-	_	$2 \\ 1$	•	-
Rolling oven diameter 2 m, length 30 m	piece	1			_	1		

Unit of mcasurement	Number	1948	1949	1950	1951	1952	1953
piece	2				2		
complex	1			-	1		
complex	1					1	
piece	2				1	1	
piece	2				1	1	
piece	2		-		1	1	
piece	2				1	1	
	222				1	1	r
	20				10	10	
piece	8			_	4	4	
piece	6			_	3	3	
piece	3		_		1	2	
piece	3	_			1	2	-
piece	3		-	-	1	2	-
piece	30				15	15	
	piece complex complex piece	piece 2 piece 3 piece 3 piece 3 piece 3 piece 3 piece 3 piece 3	measurement2piece2complex1complex1complex1piece2piece2piece2piece2piece2piece2piece2piece2piece3piece3piece3piece3piece3piece3piece3piece3piece3piece3piece3piece3piece3	piece 2 complex 1 complex 1 complex 1 piece 2 piece 3 piece 8 piece 6 piece 3 piece 3	measurement 2	measurement 2 2 piece 2 2 complex 1 1 complex 1 1 piece 2 10 piece 8 10 piece 8 11 piece 3 11 piece 3 11 piece 3 11 piece <t< td=""><td>measurement 2 2 piece 2 1 complex 1 1 complex 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 3 10 10 piece 3 1 2 piece 3 1 2<!--</td--></td></t<>	measurement 2 2 piece 2 1 complex 1 1 complex 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 2 1 1 piece 3 10 10 piece 3 1 2 piece 3 1 2 </td

Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
MacCully crusher No. 16	piece	1					1	
"Symons " crusher, standard, type No. 4	piece	1					1	
"Symons" crusher, short- tapered	piece	2				_	2	
Ball-mills, diameter 100 \times 3,000 mm Electrical bridge-crane,	piece	2			-		2	n, staat W
capacity 25/10 tons . Telpher crane, capacity	piece	1				_	1	*****
5 tons	piece	4					4	16.19
duty type, 125× 2,500 mm Spiral classificators, dia-	piece	2					2	
$\begin{array}{c} \text{meter} 1,500 \times 8,500, \\ \text{duplex} \cdot \cdot \cdot \\ \end{array}$	piece	2					2	
Contact pot, diameter $2,000 \times 2,000$ mm Flotation machines No.	piece	1				-	1	
24, 8 cells each Flotation machines No.	piece	12					12	
15, 8 cells each \ldots Plate feeders, 1,000 ×	piece	2				-	2	
3,000 mm	piece	1	.			-	1	
Conveyor belts, 600 mm wide	metre	•70					70	
Conveyor belts, 500 mm wide	metre	100					100	
Sand pumps with central feeding Test-taking apparatus	piece	14	—				14	
PAR-1 Pumps "Dorko", diame-	piece	6		-	-	_	6	
ter 50 mm Skipping feeders for re-	piece	1			-	-	1	
agents	piece	6		-			6	-
400×930 mm	piece	4				-	4	
Concentrator "Dorr", diameter 6 m	piece	1					1	
Hoop feeders for re- agents, 3 sections	piece	4					4	
Disc vacuum filter, dia- meter 1,800 mm, com- plete with vacuum pump and blower	piece	1				-	1	
Automatic scales on belts 500 mm	piece	2					2	
Metal structures (h) Rolling-mill, produc- tion capacity 10,000 t. of copper rolled pro- ducts per annum, in- cluding : No. 1732		900					900	

United Nations — Treaty Series

1952

Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Flame oven, content 5 tons Induction furnaces "Ajax", capacity	piece/ton	1/15			1/15			
600 kg	piece/ton piece/ton piece/ton piece/ton	3/10 1/3 1/3 1/5			3/10 1/3 1/3 1/5			· •
Guillotine shears, up to 25 mm	piece/ton	1/15			1/15			
Transporting equipment, cranes and ancillary equipment	tons	100	********		100			
ncluding : Scrap press Bridge cranes Ball-mills Rolling track "Duo" for semi-manufac- tures. diameter 650mm,	piece piece piece	1 3 1			1 3 1	1		
length 1,800 mm, with halting installations . Rolling-machine, diame- ter 600 mm, length 1,200 × 1,600 mm, for	piece/ton	1/250			1/250	~		-
sheeting, with 6 rooms Guillotine shears, 20 mm	piece/ton piece/ton	6/270 1/15			6/270 1/15			
Guillotine shears, 10 mm	piece/ton	1/10	-		1/10	1150	·	
Guillotine shears, 5 mm	piece/ton	2/10	••		2/10			-
Sheet-straightening ma- chine Roller-grinding lathe .	piece/ton piece/ton	2/7 1/30	H Tasha		2/7 1/30		ar 1. M	
Grinding machine for knife-whetting Various equipment for	piece/ton	1/3	10 M T		1/3	•••		
furnaces	ton	100			100	1		1
equipment Hydraulic press, 1,500	ton	120			120	-		
tons, complete with battery	piece/ton	1/200	·		1/200		• • • •	
Drawing-bench, with chain, 8-20 tons Wire-drawing machine,	piece/ton	3/30	** ****	-	3/30			
diameter 700 mm Disc saws for rod cutting	piece/ton piece/ton	$\frac{1/4}{2/2}$			1/4 2/2	_		
Machine for straighten- ing of large-sized rods Machine for straighten- ing and cutting small-	piece/ton	1/10			1/10	Lance of	t-usbrief	
sized rods	piece/ton	1/3			1/3		r mays	

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
 (i) Rolling mill, produc- tion capacity 10,000 t. of aluminium rolled manufactures per an- num, including : Resistant furnaces, type 								
"San", or induction furnaces, type "Rus"	piece/ton	3/15				3/15		
Machine for semi-con- tinuous casting Saws, type "Junker" Transport	piece/ton piece/ton	1/20 2/6		_	_	1/20 2/6		
Transport equipment and cranes Rolling-mill for semi-	ton	100				100		
manufactures Sheet roller for 10 rooms	piece/ton piece/ton	1/250 10/450				1/250 10/450		
Guillotine shears, 15 mm	piece/ton	1/14		—		1/14		
Guillotine shears, 10 mm	piece/ton	1/10			—	1/10		
Guillotine shears, 5 mm	piece/ton	3/15	—	-		3/15		
Sheet-straightening ma- chines Roller-grinding lathes .	piece/ton piece/ton	2/7 2/50	_	_	_	2/7 2/50		
Knife grinders	piece/ton	1/3				1/3	P 1	
Mechanical equipment for furnaces Transport equipment,	ton	120			—	120		
cranes and ancillary equipment	ton	120		—	—	120		
Hydraulic press, 2,500 t, complete with battery	piece/ton	1/300		—		1/300		
Drawing benches, with chain, 10 tons Machines for coarse wire-	piece/ton	2/15		-		2/15		
drawing, multigraded Cable-winding machines (j) Mercury melting plant, production capacity 500 tons of mercury per	piece/ton piece/ton	3/30 2/20				3/30 2/20		
annum, including : Rotary furnaces, 1.2 × 18	piece	. 2		_			2	
Multicyclone with 36 ele- ments	piece	4		_	_	_	-4	
500 sq. m	piece	2				-	2	******
diameter 2-3" Compressors, 5 cu.m High-pressure venti-	piece piece	4, 3	_	_	—		4 3	
lators, No. 9, 450 cu.m./ hour	piece	8	_		-		8	

Item	Unit of measurement	Number	1948	1 949	1950	1951	1952	1953
Machines for removing gang Retort furnaces, diame-	piece	2					2	h
ter 1 m, length 7 m . Cyclons, diameter 600mm Condensers, 60 sq.m Exhausters, No. 6	piece piece piece piece	$\begin{array}{c} 2\\ 2\\ 2\\ 2\\ 2\\ 2\end{array}$					2 2 2 2 2 2 2	
Conveyor belts, 600 mm wide	metre pièce	60 1			4	** 1.12	60 1	
$\begin{array}{cccc} Gyratory \ screen, \ 800 \times \\ 1,600 \ \ldots \ \ldots \ \ldots \ \\ Ball-mill, \ 600 \times 330 \ \ldots \end{array}$	piece piece	1 1					1	_
Ball-mill, 400×250	piece	1					1	
Metallic structure	ton	600					600	,
3. Petroleum and gas pro- cessing Plant for processing of sul- phuric petroleum, pro- duction capacity 300,000 tons of petroleum per annum (piping equip- ment and thermal crack- ing)	set	1				1	····	
including : Petroleum plant	ton	1,500				1,500	-	
4. Gasoline factory								
Gasoline production plant	complex	1				1		
including : Petroleum apparatus .	ton	300				300		
 Plants for production of sulphuric acid (a) Sulphuric acid factory, contact process, capa- city 18,000 tons of mo- nohydrate per annum, from escaping gases of the zinc-melting plant, including : Dry electro-filters, HK- 45 	piece	2						
First towers for washing and moistening, dia- meter 2.4 m, height 8 m, lead-coated, acid- resistant	piece	2				2		ł
resistant	Piece	-						*

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Second tower for wash- ing, diameter 3.3 m, lead-coated, with Ra- schig rings, Drying kilns, diameter 3.3 m, steel-coated, with acid-resistant	piece	1				1		
bricks	piece piece	$2 \\ 2$	_			2 2	_	
Aggregates TU-200 for dry and wet electro- filters Heat exchangers for acid washing, surface 80	piece	4				4		—
sq. m. Cooling towers, surface	piece	3				3		
250 sq. m., for acid and monohydrate	piece	2	-			2	-	
Oleum absorber, diame- ter 3.3 m, steel-coated	piece	1				1		_
Cooling tower, 80 sq. m., for oleum Equipments for drop col-	piece	1			_	1		
lecting Contact apparatus, spe- cial type, for gas 4.5 %	piece	2		-		2		
Calorifers, surface 1,200	piece	2				2		
sq. m	piece piece	2 1	_	_		2 1	-	_
electromotor 17 kW.	piece	4	-		_	4		
Centrifugal pumps, acid- resistant, 8/35, with electromotor 28 kW	piece	8	_		_	8	-	
Centrifugal pumps, acid- resistant, 8/35, with electromotor 28 kW.	piece	2		-		2		
Centrifugal pump, acid- resistant, with electro- motor 17 kW	piece	1			- :	1	_	
Turbo-ventilators, pres- sure 1,500 mm, ca- pacity 18,000 cu. m/hour, with electro- motor 150 kW Equipment for intake of smoke "Sirocco", ca- pacity 12,000 cu.m./ hour, pressure 175 mm, with electrometer	piece	2				2		
with electromotor 11.4 kW No. 1732	piece	1	_	-		, 1	-	

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Item	Unit of measurement	Number	1918	1949	1950	1951	1952	1953
(b) Sulphuric acid factory, contact process, ca- pacity 23,000 tons of monohydrate per an- num, from escaping gases of the zinc-melting plant, including :								
Dry electrofilters, RK-45	piece	3					3	
First towers for washing and moistening, dia- meter 3 m, leaden, coated with acid-resist- ant material	piece	2		anner			2	
Second tower for wash- ing, diameter 4 m, lead-coated, with Raschig rings	piece	1					1	Mapras
Drying kilns, diameter 4 m. steel-made, coat- ed with acid-resistant bricks Wet electrofilters, M-102	piece piece	$\frac{2}{2}$		- Annota	1 Wildows Josephine		2 2	
Aggregates TU-200 for dry and wet electro- filters Heat-exchangers, 80 sq. m	piece piece	5					5	
Cooling towers, 320 sq. m., for acid and mono- hydrate	piece	2					2	
Oleum absorber, diame- ter 4 m, steel-coated	piece	1			_		1	
Cooling tower, 100 sq. m., for oleum	piece	1					1	
Drop collectors	piece	2	_				2	
Contact apparatus, spe- cial type, for gas 4.5%	piece	2		******	_		2	
Calorifers, 800 sq. m	piece	4		-			4	
Flame heater	piece	1				_	1	
resistant, 8/35 with electromotor 28 kW	piece	8					8	
Centrifugal pumps, acid- resistant, 5/30, with electromotor 17 kW.	piece	4					4	

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Item	Unit of measurement	Number	194 8	1949	1950	1951	1952	1953
Centrifugal pumps, acid- resistant, 8/35, with electromotor 28 kW .	piece	2		·····			2	
Centrifugal pump, acid- resistant, 5/30, with electromotor 17 kW .	piece	1		_	_	_	1	
Turbo-ventilators, pres- sure 1,500 mm, ca- pacity 2,300 cu.m./ hour, with electro- motor 180 kW Equipment for smoke intake "Sirocco", ca- pacity 12,000 cu.m./ hour	piece piece	2					2	
 6. Various kinds of plant and equipment (a) Equipment for winning of petroleum, including: Three-point bits (7 3/4"- 17 3/4") 	piece	90	30	30	30			
Drillers, capacity 150 t.	piece	30	10	6	6	6	2	A-rema
Hooks, capacity 150 tons	piece	12	4	3	2	3		
Rotating tables	piece	17	5	6	6			
"Fish tail" (9 3/4"- 17 3/4")	piece	500	100	200	200			
Crowns for mechanic corotage, 7 3/4"	piece	96	18	20	20	20	10	8
Crowns for mechanic corotage, 9 3/4" Preventers with flanges Eruption equipment .	piece piece set	76 40 3	18 5 1	$\begin{array}{c} 20\\10\\2\end{array}$	20 10 —	10 11 	- ⁸ - ⁴	
Control apparatus, with registrators Ferrodo lining Drill-rigs for deep pumps,	piece set	38 180	10 60	10 90	8 30	8	2	
60 HP	piece	70	40	30				
80 HP Presses for drilling rods,	piece	32	5	10	12	5		
unbending	piece	3		1	2			
ing of drill holes Dynamographs Hard metal "Pobedit" "Vokar" alloy, in powder	piece piece kg kg	6 5 200 200	2 2 200 200	2 2				
Rotary drill-rigs for depths up to 3,500 m	piece	25	5	10	10			1

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Krelius sets for deep drilling up to 1,000 m	piece	7	2	3	2			* #
Krelius drilling sets, KAM 300-500, with pumps, motors and instruments Petroleum piping, vari- ous	piece ton	138	38 1,500	50 3,000	50 4,500		5,000	5,000
Couplings for pipes (b) Equipment for coal in- dustry including : Electric excavators, shovel capacity 1-3 cu.m.	pair	3,000	1,000	1,000	1,000			
Air compressors, ca-								
pacity 40 cu.m./min Air compressors, ca-	piece	5	1	2	2			
pacity 20 cu.m./min.	piece	10	2	3	5	*** *	i	
Electric cutters, GTK-3 Pneumatic drill ham-	piece	50	25	25				
mers Drill hammers (perfo-	piece	100	25	25	50			- ,
rators)	piece	320	120	100	100	100		
LC-15	piece piece	10 50	5 25	5 25			#110000 	
Conveyor belts Dump cars Mine electric engines	piece piece piece	40 400 10	20 100 	20 100 10	100	100	· · · · ·	
Diesel engines Hoist shaft Pumps KSM	piece piece piece	4 1 6		 	4 			900-1-
Electromotors, flame- proof, 20-30 kW	piece	19	19					~~
Motors, safe from gas explosion	piece	84	24	30	30			
Pit transformers, up to 200 kW	piece	44	14	15	15			
Rectifiers, URV-33 and EVP-100 Switches, flame-proof . (c) Cement mill, capacity	piece piece	35 100	10 30	10 40	15 30			
600 tons per 24 hours	complete	1		1		+		
 (d) Wood indústry equip- ment, including : Truck trailers, 2 axles, rubber wheeled, ca- pacity 3 tons 	piece	250	250					·
Diesel tractors, crawlers, 55-80 HP, with spare parts and instruments	piece	100	50	50				
N. 1720					}	Í		

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Item	Unit of measurement	Number	1948	1949	1950	1951	1952	1953
Tyres, complete sets	piece	1,500	1,000	500	-			
Narrow-gauge track en- gines (750 mm)	piece	10	10	_		—		
Platforms, narrow-gauge for transport of timber	piece	500	250	250				
Carborundum plates for saw grinding	piece	1,000	1,000	_				
Locomobiles, 75 HP (e) Various plants and equipment including :	piece	20	10	10				_
"Symons" crushers, 4- foot Ball-mills, 2,700×3,600	piece	8		2	2	2	2	
$mm, 1,500 \times 3,000 mm, 900 \times 1,200 mm$	piece	9	_	2	2	2	3	
"Blake" crushers, heavy- duty	piece	5		2	2	1		
Laboratory crushers, 500 kg/hour Electro-generator, alter-	piece	3		3				_
nating current, 900 kW	piece	1		1				
Electric battery locomo- tives Electric trolley locomo-	piece	30		10	10	10		
tives Truck cars, 3-axle Pit trolleys, 0.5-0.7 cu.m	piece piece piece	18 140 200	8 40 100	10 40 100	60			_
Cable-way, capacity 60 tons/hour Cable-way, capacity 12-	piece	1			1	—		
16 tons/hour Cable-way, capacity 12-	piece	1	—		1			 '
15 tons/hour Various flotation ma-	piece	2			2			
chines	cell piece	$200 \\ 2$	2	100	100		_	_
trate	piece	1	1	_			-	
diameter 8 m Feeders	piece piece piece	1 3 10	1 1 10	2			_	
Compressors, capacity 10-20 cu.m./minute . Compressors, capacity	piece	10	5	5			-	
3-6 cu.m/minute Hand-operated drilling	piece	76	21	25	30		·	
sets	piece tons	10 . 300	10 100	100	100	-	_	_
Steam boilers, heating surfaces 450 sq.m	piece	2	-	1	1	_		
Agglomeration machines	piece	3	-		1	1	1	

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Item	Unit of measurement	Number	1948	1949	1950	1954	1952	1953
Electrofilter for copper, 50-60 cu. m. gas per second Electrofilter for lead,	piece	1			1			
17 cu. m. gas per second	piece	1			1	-		
Laboratory equipment for gold	complete	1	++		1			
Laboratory equipment for lead, zinc	complete	1		1			*	
Electric engines, heavy- duty	piece	6			Page 22	Fernand		6
Transformers, heavy- duty	piece piece	30 3	10	$\begin{array}{c} 20 \\ 3 \end{array}$,	
Bridge-crane, 15 tons Rescuers' masks	piece piece	1 150	 50	1 50				
Trailers, rubber- wheeled, 3 tons Portable mechanic work-	piece	200	200					
shops with equipment and tools	piece	10	10					
Tool steel in sheets for frame saws	tons	10	10					
Drilling cars Loading machines	piece piece	20 93	20 20					

ANNEX

to the Agreement of 25 July 1947 between the Government of the Federal People's Republic of Yugoslavia and the Government of the Union of Soviet Socialist Republics concerning the delivery of equipment to Yugoslavia on credit

SPECIMEN FORM

BOND No.

US dollars (.................), payable in coupons, within the time limits stated on each order

This bond bears interest at the rate of three per cent per annum, computed from 19.. until the date of redemption, inclusive.

Interest shall be paid on the dates stated on the coupons.

Payment of the original debt represented by this bond and of the accrued interest thereon shall be made to the State Bank of the USSR at Moscow.

MINISTRY OF FINANCE OF THE FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA

Belgrade, ... 19..

COUPON NO. 14	THE MINISTRY OF FINANCE OF THE FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA
Signature	shall pay to the State Bank of the USSR upon presentation of this coupon on 19 the sum of US dollars (), excluding interest.
Coupon No. 13	THE MINISTRY OF FINANCE OF THE FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA
Signature	shall pay to the State Bank of the USSR upon presentation of this coupon on 19 the sum of US dollars (

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COUPON NO. 1	THE MINISTRY OF FINANCE OF THE FEDERAL PEOPLE'S REPUBLIC OF YUGOSLAVIA
Signature	shall pay to the State Bank of the USSR upon presentation of this coupon on 19 the sum of US dollars (