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Training Materials and Equipment (3)					
- Toyota SSTs / others -					
NO.	Code	Description	Specifications	Part no.	Min. Req'd No. For Semester 1 through 4
171	51	Valve guide bushing remover & replacer		09201-01080-	0
172	51	Valve stem oil seal replacer		09201-41020-	24
173	51	Variable open wrench		09922-10010-	24
174	51	Variable pin wrench set		09960-10010-	16
175	51	Wire gauge set		09240-00020-	8
176	60	Reference publications	various models	*2	1
177	60	Stand, differential repair		09090-05001-	16
178	60	Stand, transmission repair		09090-06000-	16
179	60	Student textbooks	TEAM manuals	*2	1
180	60	OHP Sheet	TEAM OHP		33
181	60	VIDEO Tape	TEAM Video		80
182	60	Compact Disc	TEAM CD	*2	10
183	34	Gasket, E/G drain plug			1
184	34	Gasket, injection nozzle seat	for 3L, 4p	11177-54020-	50
185	34	Insulator, glow plug resistor, No.1	for 3L	28622-57010-	20
186	34	Insulator, glow plug resistor, No.2	for 3L	28623-54010-	20
187	34	Seat, injection nozzle	for 3L, 4p	11176-64010-	20
188	34	Shim, injection nozzle adjusting	T=0.900	23631-64010-	5
189	34	Shim, injection nozzle adjusting	T=0.950	23631-64012-	5
190	34	Shim, injection nozzle adjusting	T=1.000	23631-64014-	5
191	34	Shim, injection nozzle adjusting	T=1.050	23631-64016-	5
192	34	Shim, injection nozzle adjusting	T=1.100	23631-64018-	5
193	34	Shim, injection nozzle adjusting	T=1.150	23632-64010-	5
194	34	Shim, injection nozzle adjusting	T=1.200	23632-64012-	5
195	34	Shim, injection nozzle adjusting	T=1.250	23632-64014-	5
196	34	Shim, injection nozzle adjusting	T=1.300	23632-64016-	5
197	34	Shim, injection nozzle adjusting	T=1.350	23632-64018-	5
198	34	Shim, injection nozzle adjusting	T=1.400	23633-64010-	5
199	34	Shim, injection nozzle adjusting	T=1.450	23633-64012-	5
200	34	Shim, injection nozzle adjusting	T=1.500	23633-64014-	5
201	34	Shim, injection nozzle adjusting	T=1.550	23633-64016-	5
202	34	Shim, injection nozzle adjusting	T=1.600	23633-64018-	5
203	34	Shim, injection nozzle adjusting	T=1.650	23634-64010-	5
204	34	Shim, injection nozzle adjusting	T=1.700	23634-64012-	5

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Training Materials and Equipment (3)					
- Toyota SSTs / others -					
NO.	Code	Description	Specifications	Part no.	Min. Ref. No. For Semester 1 through 4
205	34	Shim, injection nozzle adjusting	T=1.750	23634-64014	5
206	34	Shim, injection nozzle adjusting	T=1.800	23634-64016	5
207	34	Shim, injection nozzle adjusting	T=1.850	23634-64018	5
208	34	Shim, injection nozzle adjusting	T=1.900	23635-64010	5
209	34	Shim, injection nozzle adjusting	T=1.950	23635-64012	5
210	34	Washer, injection nozzle ring packing	for 3L, 4p	23654-64010	50
211	51	SST for diesel E/G	duplication	09992-00024	8
212	51	SST for diesel E/G	duplication	09275-54011	0
213	51	SST for diesel E/G		09275-54020	0
214	51	SST for diesel E/G		09228-64010	8
215	51	SST for diesel E/G		09268-64010	8
216	51	SST for diesel E/G		09228-44011	8
217	51	SST for diesel E/G	duplication	09228-44010	0

\*1: refer to "Diagnostic Toolset Catalogue vol.5"

\*2: refer to the document of "PUBLICATIONS"

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Training Materials and Equipment (4)						
- Various Manufacturers' Genuine Parts -						
NO.	Code	Description	Specifications	Place of Order*	Part no.	Min. Req'd No. For Semester 1 through 4
1	30	Engine assy	Dihatsu	D	*	2
2	51	Scan tool	Daihatsu, DS-2	D	*	1
3	30	Engine assy	Honda	H	*	1
4	51	Scan tool	Honda	H	*	
5	30	Engine assy	Mitsubishi	M	*	1
6	35	Air compressor assy	for cut-away	M	ME077531	1
7	35	Check valve assy, brake air	for cut-away	M	MC837931	1
8	35	Governor assy, brake air pressure		M	MC808718	1
9	35	Injection pump	FK	M	ME076418	3
10	35	Manual transmission assy		M	ME636234	1
11	35	Nozzle&holder assy		M	ME076667	2
12	35	Plate&lever assy, clutch pressure		M	ME521106	1
13	35	Power brake booster	(air master)	M	MC865683	1
14	35	Rr. axle hub & drum assy	as follows	M	--	5
15	35	Rr. axle hub & drum component	Bolt, wheel hub LH	M	MC809259	24
16	35	Rr. axle hub & drum component	Bolt, wheel hub RH	M	MC809260	24
17	35	Rr. axle hub & drum component	Bolt, wheel hub	M	MF241225	32
18	35	Rr. axle hub & drum component	Hub, wheel	M	MC836881	8
19	35	Rr. axle hub & drum component	Bearing, wheel hub	M	MH043044	8
20	35	Rr. axle hub & drum component	Bearing, wheel hub	M	MH043045	8
21	35	Rr. axle hub & drum component	Nut, wheel hub	M	MC814915	48
22	35	Rr. axle hub & drum component	Nut, wheel hub bearing lock	M	MC870996	8
23	35	Rr. axle hub & drum component	Plate, wheel hub bearing lock	M	MC816992	8
24	35	Rr. axle hub & drum component	Ring, wheel hub bearing lock	M	MC816991	8
25	35	Rr. axle hub & drum component	Oil seal, wheel hub, inner	M	MH034175	8
26	35	Rr. axle hub & drum component	Oil seal, wheel hub, outer	M	MH034169	8
27	35	Rr. axle hub & drum component	Retainer, hub oil seal	M	MC870040	8
28	35	Rr. axle hub & drum component	Retainer, hub oil seal	M	MH034170	8
29	35	Rr. axle hub & drum component	Drum, brake	M	MC809033	8
30	35	Rr. differential assy	Camer assy	M	MC836469	4
31	35	Rr. leaf spring assy	as follows	M	--	4
32	35	Rr. leaf spring componet	Pad, spring upper	M	MC418620	8
33	35	Rr. leaf spring componet	Shackle	M	MC406261	8
34	35	Rr. leaf spring componet	Shim	M	MC421073	8

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Training Materials and Equipment (4)						
- Various Manufacturers' Genuine Parts -						
NO.	Code	Description	Specifications	Place of Order*	Part no.	Min. Qty. No. For Semester 1 through 4
35	35	Rr. leaf spring componet	Spring assy	M	MC091454	8
36	35	Rr. leaf spring componet	Thrust washer, spring side	M	MC402933	48
37	35	Rr. leaf spring componet	Bolt	M	MF104921	24
38	35	Rr. leaf spring componet	Pin	M	MC420078	24
39	35	Rr. leaf spring componet	Nipple	M	MF524002	24
40	35	Rr. leaf spring componet	Nut	M	MF434106	24
41	35	Rr. leaf spring componet	Nut	M	MC091570	32
42	35	Rr. leaf spring componet	U-bolt	M	MH002456	16
43	35	Rr. rigid axle assy	as follows	M	--	4
44	35	Rr. rigid axle componet	Housing	M	MC868570	4
45	35	Rr. rigid axle componet	Breather, housing	M	MC877727	4
46	35	Rr. rigid axle componet	Plug	M	MF665007	8
47	35	Rr. rigid axle componet	Pin	M	MC870039	8
48	35	Rr. rigid axle componet	Gasket	M	MF660068	8
49	35	Rr. rigid axle componet	Bolt	M	MH000671	80
50	35	Rr. rigid axle componet	Shaft	M	MC836326	8
51	35	Rr. rigid axle componet	Washer	M	MF450407	80
52	35	Rr. rigid axle componet	Bolt, brake tube	M	MF241255	4
53	35	Rr. rigid axle componet	Bolt, brake tube	M	MF140020	12
54	35	Rr. rigid axle componet	Tube, brake LH	M	MC868485	4
55	35	Rr. rigid axle componet	Tube, brake RH	M	MC868487	4
56	35	Rr. rigid axle componet	Joint, brake tube	M	MH038750	4
57	35	Rr. rigid axle componet	Clip, brake tube	M	MH020461	12
58	35	Rr. wheel & tire assy	as follows	M	--	5
59	35	Rr. wheel & tire componet	Nut	M	MC810631	24
60	35	Rr. wheel & tire componet	Nut	M	MC810632	24
61	35	Rr. wheel & tire componet	Nut, inner, LH	M	MC806005	24
62	35	Rr. wheel & tire componet	Nut, inner, RH	M	MC806006	24
63	35	Rr. wheel & tire componet	Nut, outer, LH	M	MC810635	24
64	35	Rr. wheel & tire componet	Nut, outer, RH	M	MC810636	24
65	35	Rr. wheel & tire componet	Wheel, disc	M	MC815218	16
66	35	Rr. wheel brake assy	as follows	M	--	5
67	35	Rr. wheel brake componet	Cover, brake wheel cylinder	M	MC804702	16
68	35	Rr. wheel brake componet	Cylinder assy, brake wheel	M	MC818234	4

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Training Materials and Equipment (4)						
- Various Manufacturers' Genuine Parts -						
NO.	Code	Description	Specifications	Place of Order*	Part no.	Min. Req. No. For Semester 1 through 4
69	35	Rr. wheel brake component	Cylinder assy, brake wheel	M	MC818232	4
70	35	Rr. wheel brake component	Cylinder assy, brake wheel	M	MC818233	4
71	35	Rr. wheel brake component	Cylinder assy, brake wheel	M	MC818235	4
72	35	Rr. wheel brake component	Shoe assy	M	MC837711	16
73	35	Rr. wheel brake component	Plate, brake shoe nut lock	M	MC808037	16
74	35	Rr. wheel brake component	Spring, brake shoe return	M	MC804697	16
75	35	Rr. wheel brake component	Plate, brake backing, LH	M	MC808046	4
76	35	Rr. wheel brake component	Plate, brake backing, RH	M	MC808047	4
77	35	Rr. wheel brake component	Plug, brake	M	MC804701	16
78	35	Rr. wheel brake component	Plug, brake	M	MC804700	16
79	35	Rr. wheel brake component	Washer, brake	M	MF450407	48
80	35	Rr. wheel brake component	Washer, brake	M	MF450433	32
81	35	Rr. wheel brake component	Spacer, brake	M	MC822539	8
82	35	Rr. wheel brake component	Pin, brake	M	MF472053	16
83	35	Rr. wheel brake component	Nut, brake	M	MC808038	16
84	35	Rr. wheel brake component	Nut, brake	M	MF430123	48
85	35	Rr. wheel brake component	Bolt, brake	M	MF241309	32
86	35	Rr. wheel brake component	Bolt, brake	M	MH000200	48
87	35	Rr. wheel brake component	Bolt, brake	M	MF104940	32
88	35	Rr. wheel brake component	Tube, cylinder connecting	M	MC812040	8
89	35	Valve assy, dual brake	Air brake valve	M	MC865335	1
90	35	Valve, air tank safety		M	MC826288	1
91	41	Adapter		M	MH061962	8
92	41	Gear puller		M	MH061102	8
93	41	Oil seal installer		M	MH062201	8
94	41	Wheel bearing installer		M	MH061009	8
95	41	Wheel hub inner bearing installer		M	MH061010	8
96	41	Wheel hub outer bearing installer		M	MH061012	8
97	51	Bush installer		M	MB999066	8
98	51	Hub cap installer		M	MH062204	8
99	51	Hub cap wrench		M	MH061948	8
100	51	King pin bushing remover		M	MH061037	8
101	51	King pin puller		M	MH061684	8
102	51	King pin set bolt remover		M	MH061688	8

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Training Materials and Equipment (4)						
- Various Manufacturers' Genuine Parts -						
NO.	Code	Description	Specifications	Place of Order*	Part no.	Min. Reqd No. For Semester 1 through 4
103	51	Oil seal retainer installer		M	MH061008	8
104	51	Scan tool, MUT-2 (PLUS) Sub assy	Mitsubishi	M	MB991502-A	1
105	51	Scan tool, Attach card (MUT-SUB)		M	MB991500	1
106	51	Scan tool, Rom pack	EC&EXP English, high model year	M	MRP-EH	1
107	51	Scan tool, Rom pack	EC&EXP English, low model year	M	MRP-EL	1
108	51	Shackle pin puller		M	MH061452	8
109	51	Shackle pin setting bar		M	MC023419	8
110	51	Socket wrench	for rear	M	MH061597	8
111	51	Socket wrench	for front	M	MH061531	8
112	51	Wheel hub puller		M	MH061966	8
113	30	Engine assy	Mazda	MZ	*	1
114	30	Engine assy	Nissan	N	*	1
115	51	Scan tool	Nissan CONSULT	N	*	1
116	30	Engine assy	Subaru	S	*	1
117	51	Scan tool	Subaru, Select monitor	S	*	1
118	35	Tire for Mitsubishi truck (FK)	Size=8.25-20-14	SA	*	16
119	30	Engine assy	Suzuki	SZ	*	1
120	30	Reference publications	Daihatsu	D	*	1
121	30	Reference publications	Honda	H	*	1
122	30	Reference publications	Mitsubishi	M	*	1
123	30	Reference publications	Mazda	MZ	*	1
124	30	Reference publications	Nissan	N	*	1
125	30	Reference publications	Subaru	S	*	1
126	30	Reference publications	Suzuki	SZ	*	1

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Training Materials and Equipment (5)					
- Ogawa Seiki Co., Ltd -					
NO.	Code	Description	Specifications	Part no.	Min. Req. No. For Semester 1 through 4
1	40	Animated transparency for OHP	4 cycle engine	OSK14793	3
2	40	Animated transparency for OHP	Ackerman steering gear	OSK16095	1
3	40	Animated transparency for OHP	Air brake systems	OSK16662	1
4	40	Animated transparency for OHP	Air servo brake system	OSK16699	1
5	40	Animated transparency for OHP	Brake booster	OSK16695	1
6	40	Animated transparency for OHP	CV joint	OSK16859	1
7	40	Animated transparency for OHP	Distributor Injection Pump	OSK16009	1
8	40	Animated transparency for OHP	Dry single disc clutch	OSK16534	1
9	40	Animated transparency for OHP	Front wheel alignment	OSK16097	1
10	40	Animated transparency for OHP	Hydraulic brake (Tandem M/C)	OSK16661	1
11	40	Animated transparency for OHP	Hydro-master	OSK16696	1
12	40	Animated transparency for OHP	LSPV	OSK16729	1
13	40	Animated transparency for OHP	Master-vac (Brake booster)	OSK16697	1
14	40	Animated transparency for OHP	Micrometer	OSK14693	1
15	40	Animated transparency for OHP	P valve with bypass	OSK16716	1
16	40	Animated transparency for OHP	Planetary gear, Single	OSK16933	1
17	40	Animated transparency for OHP	Powersteering, flapper valve	OSK16384	1
18	40	Animated transparency for OHP	Principle of differential	OSK16869	1
19	40	Animated transparency for OHP	R&P PS, rotary valve	OSK16385	1
20	40	Animated transparency for OHP	RFD type governor	OSK16033	1
21	40	Animated transparency for OHP	RFD type governor	OSK16063	1
22	40	Animated transparency for OHP	RQ type governor	OSK16032	1
23	40	Animated transparency for OHP	RSVD type governor	OSK16007	1
24	40	Animated transparency for OHP	Synchromesh transmission	OSK16535	1
25	40	Animated transparency for OHP	Verlier caliper	OSK14692	1
26	40	Carburetor cut away parts		OSK15502	1
27	40	Differential model	for student use, 10pcs in a set	OSK16872	5
28	40	Electric wiring training board	wiring of ST, CH and IG	OSK17205	1
29	40	Master-vac (Brake booster) cut-away model		OSK16746	1
30	40	Model of planetary gear unit	For students Plastic 10 pieces	OSK16937	1
31	40	Planetary gear unit model	3D	OSK16951	1
32	40	Torque converter model	3D	OSK16922	2
33	40	Universal joint model	Hook joint type	OSK16858	1

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Training Materials and Equipment (6)					
- Shimadzu -					
NO.	Code	Description	Specifications	Part no.	Min. Req'd No. for Semester 1 through 4
1	40	Ackerman's steering geometry		156-240	1
2	40	Auto-transformer	10A, w/converter	134-280	4
3	40	Differential gear model		156-190	2
4	40	Dynamo demonstrator	Hand operated	135-260	2
5	40	Epicyclic differential train		156-170	2
6	40	Front wheel alignment demonstrator		156-220	1
7	40	Generator model for AC & DC		135-220	1
8	40	Low frequency oscillator	10Hz-1MHz, w/converter	108-342	3
9	40	Magnetic needle		132-300	10
10	40	Model of automobile chassis		156-050	1
11	40	Oscilloscope	Braun tube	108-510	20
12	40	Pneumatic fire syringe		127-655	3
13	40	Section model of internal combustion engine		156-080	2
14	40	Slide rheostat	15 ohm	134-030	4
15	40	Slide rheostat	34 ohm	134-040	6
16	40	Slide rheostat	3k ohm	134-020	4
17	40	Speed change gear model		156-120	1
18	40	Ultra low frequency oscillator	0.01Hz - 1MHz, w/converter	108-365	1
20	70	Ammeter	AC	107-110	6
21	70	Ammeter	DC	107-080	42
22	70	Demonstration universal-meter AC&DC		107-601	4
19	70	Test tube stand	for 12 tubes	112-270	10
23	70	Voltmeter	AC	107-050	6
24	70	Voltmeter	DC	107-010	22

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Training Materials and Equipment (7)			Total Quantity (between A and E)
- Vehicles, E/G benches and Practice Areas -			
*Place of Order SA: Procured in Saudi Arabia (JADIK) T: Toyota			Total Quantity (between A and E)
NO.	Description	Model Code or Specifications	
1. PASSENGER CARS			
1-1	Honda CIVIC 1700Vti		3
1-2	Mitsubishi Galant	?	0
1-3	Nissan Sunny (AT)		4
	Nissan Sunny (MT)		4
1-4	Suzuki Baleno		1
1-5	Toyota Corolla (MT)		18
1-6	Toyota Corolla (AT)		4
1-7	Daihatsu Gran Move (MT)		1
1-8	Mazda 323	BK3JLAA	1
1-10	Nissan Cedric (MT)		2
1-11	Subaru Legacy		0
1-12	Subaru Impreza (MT)	GD9AL5R-KRL	1
1-13	<i>Passenger total</i>		39
2. COMMERCIAL VEHICLES			
2-1	Isuzu TF		3
2-2	Nissan Datsun Truck(MT)		4
2-3	Suzuki Carry Pick Up		0
2-4	Toyota Hilux, EFI ( MT)		4
2-5	Toyota Hilux, Carburetor		4
2-6	Toyota Hilux, Diesel		8
2-7	Suzuki Carry Van		1
2-8	Nissan Patrol		1
2-9	Nissan Pathfinder		1
2-10	Toyota Land Cruiser 100		1
2-11	<i>Commercial total</i>		27
3. TRUCKS			
3-1	Mitsubishi FK (5.5t)		4
3-2	<i>Truck total</i>		4
4. TOTAL TRAINING VEHICLES			
4-1	<i>Total amount</i>	0	70

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5 ENGINE BENCHES & SIMULATORS (except E/G assy)			
5-1	Engine bench	1.3L, EFI (2NZ-FE)	8
5-2	Engine simulator	1.3L, EFI with A/T (2NZ-FE, U441E)	4

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No.	Items	Quantity	Procurement in KSA
1	Wall-fixed black board	21	○
2	Task chair	32	○
3	Visual board	22	○
4	Desk with return (drawers)	1	○
5	Audio laboratory table	56	○
6	Computer laboratory table	48	○
7	Steel storage shelving	17	○
8	Rectangular size table	2	○
9	Conference table	1	○
10	Projector	2	○
11	Audio system	1	○
12	Science laboratory equipment	1	○
13	Computer laboratory equipment	2	○
14	Bulletin board	4	○
15	Others (up to JICA budget allocated)	-	○

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List of Counterpart Personnel (C/P) of the Project

1. Educational Manager (1)  
(To be employed)

2. Head Instructors (4)  
(To be employed)

3. Experienced Instructors (10)  
(To be employed)

4. Junior Instructors (10)

(1) Mr. Nabil S. Al-Tureiri

(2) Mr. Fayez S. Al-Jedaani

(3) Mr. Ali Abdul Aziz Obaid

(4) Mr. Basem Z. Nahari

(5) Mr. Bander S. Abo Jammal

(Rest to be employed)

Total: 25 persons


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Tentative list of furniture and other equipment to be provided by the Saudi side

No.	Items	Quantity
	Administration Area	
1	Bulletin Board	2
2	Medical Examination Bed	1
3	Desk & Chair	56
4	Guest Chair	46
5	Lounge Chair	16
6	Desk with Return	6
7	Desk & Return with Panel	45
8	Desk Return & Credenza	8
9	4-Drawer Lateral File Cabinet	26
10	3-Seater Gang Chair	3
11	4-Seater Gang Chair	2
12	2-Seater Sofa	10
13	3-Seater Sofa	6
14	Steel Storage Shelf	55
15	Tea Table	2
16	Side Table	19
17	Coffee Table	7
18	Conference Table	26
19	Multi-purpose Cabinet	1
20	Credenza	3
21	Swivel Chair	7
22	Single-face Book Shelf	29
23	Double-face Book Shelf	32
24	Reading Desk	4
25	Reading Chair	28
26	Round Coffee Table	2
27	Square Side Table	7
28	Refrigerator	2
29	Boiling Kettle	2
30	Crockery	3
31	PCs	54
32	Cabinet & Cupboard	70
33	Telephone Set (EPABX)	1
34	Intercoms	54
35	Printer	5
36	Color Printer	2
37	Printer A3 size	2
38	Photocopy Machine	3
39	Cutter	3
40	Audio system	1
41	Safe	2

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42	Window Curtain	
43	Wall Clock	10
44	Floor Carpet	
45	Cork Board	10
46	Stand/Hanger	50
47	Calculators	55
48	Fax Machine	2
49	Plants	15
50	Television & VCR	3
51	Stationary Items	
52	TV Stand	3
53	Water Dispenser	2
54	Vacuum Cleaner	3
55	Book Shelf & Cabinet for Mosque	14
56	Loudspeaker for Mosque	1
57	Fire Extinguisher	60
58	Binding Machine	3
	Training Area	
59	Classroom Chair	880
60	Instructor Desk	32
61	Guest Chair	7
62	Sofa Set	1
63	Water Dispenser	6
64	Wall Clock	45
	Dormitory Area	
65	Single Bed	315
66	Wardrobe	315
67	Study Desk	315
68	Study Chair	315
69	Cabinet (housekeeping)	6
70	Cabinet with Shelves	6
71	Steel Storage Shelving	21
72	Desk Chair	3
73	Guest Chair	3
74	Single Pedestal Desk	3
75	Bedside Table	6
76	TV & VCR	3
77	TV Stand	3
78	Washing Machine	20
79	Table Tennis	2
80	Billiard Table	2
81	Water Dispenser	6
82	Loudspeaker	1
83	Wall Clock	15
84	Bulletin Board	9
85	Dinning Table	76

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86	Stackable Dinning Chair	460
	Kitchen	
	(Pantry)	
87	Single-door Freezer	1
88	Double-door Refrigerator	1
89	Single Bowl Sink	1
90	C/F, S/S Filler, DIM as per Site 1	1
91	C/F, S/S Bain Marine Trolley	1
92	S/S Hot Base Cabinet	1
93	Juice Dispenser	1
94	Coffee Machine	1
95	Juice Extractor	1
96	S/S Corner Base Cabinet	1
97	Corner Wall Cabinet	1
98	Wall Cabinet with Sliding Doors	2
99	Wall Cabinet with Sliding Doors	2
100	Wall Cabinet with Hinged Doors	1
101	Hot Base Cabinet with Sliding Doors	2
102	Work Table with Under Shelf	1
103	Air-cooled Ice Cube Machine	1
104	Tall Cabinet with 4 Sliding Doors	1
105	Shelves Service Trolley	2
	(Servery)	
106	Tray, Cutlery & Bread	2
107	Ambient Unit with Open Base	4
108	Bain Marine Unit on Hot Base	2
109	90 External Corner Unit with Tray Slide	2
110	Cold Cabinet with Open	2
111	Base Cabinet with Sliding Doors	2
112	Spray 3-tank Juice Dispenser	2
113	Hot Base Cabinet with Sliding Doors	4
114	Electric Water Boiler	2
115	Espresso Coffee Machine	2
116	Ambient Unit with Tray Slide	2
	(Pastry & Bakery)	
117	S/S Base Cabinet with Sliding Door	2
118	S/S 3-door Under Counter	1
119	S/S Single Bowl Sink	1
120	Work Table with Under Shelf	1
121	Double-door Refrigerator	1
122	Counter Top Weighing Scale	1
123	Puff and Paste Making Machine	1
124	Plantery Flour Mixer	1
125	Free Standing Water Cooler	1
126	Wall Cabinet with Sliding Door	2
127	Corner Wall Cabinet with Hinged Door	1
128	Corner Work Table	1

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129	Wall Cabinet with Sliding Doors	1
130	Wall Cabinet with Sliding Door	1
	(Dish Washing Area)	
131	Work Table with Under Shelf	1
132	Wash Table with Single Bowl Sink	1
133	Sink-mounted Rinsing Unit	1
134	Electronic Dish Washing Machine	1
135	Outlet Table	1
136	Tier Chrome Wire Shelving	2
137	Dish Trolley	2
	(Pot-wash)	
138	Pot-wash Sink Unit	1
139	Sink-mounted Rinsing Unit	1
140	Work Table with Under Shelf	1
141	4-tier Chrome Wire Shelving	1
	(Dry-store)	
142	4-tier Chrome Wire Shelving	17
143	Plastic Dunnage Rack	3
	(Walk-in Cold Rooms)	
144	Prepainted Walk in Freezer	1
145	Prepainted Walk in Refrigerator	1
146	4-tier Chrome Wire Shelving	2
147	4-tier Chrome Wire Shelving	8
	(Food Assembly Area)	
148	S/S Base Cabinet with Sliding Doors	1
149	S/S Hot Base Cabinet	2
150	S/S Single Flat Wall	3
	(Cooking Area)	
151	4-burner Cooking Range	2
152	S/S Gas Boiling Pan	2
153	Gas Stock Pot Stove	2
154	Gas Tilting Bratt Pan	2
155	Exhaust Hood with Grease	1
156	Gas Convection Oven	1
157	Gas Deep Fat Fryer	1
158	Spreader Unit on Open Base	2
159	S/S Gas Fry Top on Open	1
160	Burner Gas Cooking Range	1
161	Gas Chicken Roasting Split	1
162	Exhaust Hood with Grease	1
163	S/S Work Table with Under Shelf	2
164	S/S Double Bowl Sink	1
165	S/S Work Table with Under Shelf	1
	(Landing Area)	
166	S/S Platform Trolley	1
167	Platform Weighing Scale	1
168	Free Standing Water Cooler	1
	(Cleaning Material Store)	

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169	4-tier Chrome Wire Shelving	2
170	4-tier Chrome Wire Shelving	2
171	4-tier Chrome Wire Shelving (Root-vegetable Store)	1
172	Plastic Dunnage Pack	1
173	4-tier Chrome Wire Shelving (Garbage Room)	4
174	S/S Mobile Garbage Bin with Lid (Vegetable Preparation)	4
175	Potato Peeler	1
176	Double Bowl Sink with Under Shelf	1
177	S/S Work Table with Under Shelf	1
178	S/S Vegetable Processing Table	1
179	Vegetable Cutter with 6 Cutting Disk	1
180	Mobile Garbage Bin (Cold Preparation)	1
181	S/S Work Table with Under Shelf	1
182	Single Bowl Sink	1
183	Work Table with Under Shelf	1
184	Work Table with Under Shelf	1
185	Gravity Meat Slicer	1
186	Vegetable Cutter with 6 Cutting Disk	1
187	Meat Mincer	1
188	Single Flat Wall Shelf	1
189	Single Flat Wall with BR (Butchery)	1
190	Work Table with Under Shelf	2
191	Double Bowl Sink with Under Shelf	1
192	Work Table with Under Shelf	1
193	Wooden Chopping Block	1
194	Meat Bone Saw	1
195	Gravity Meat Slicer	1
196	Tray Holding Trolley (Kitchen Store)	2
197	4-tier Chrome Wire Shelving Unit (Optional-Pantry)	6
198	Hot-Base Cabinet with Sliding Doors	2
199	Base Cabinet with Sliding Doors	2
200	Air-cooled Ice Cube Machine	1
201	Wall Cabinet with Sliding Door	4
202	3-tank Juice Dispenser	1
203	Juice Extractor	1
204	Twin Coffee Brewer	1
205	Electric Water Boiler (Optional-Cooking Area)	1
206	Floor Grating with Frame	2
207	Fire Fighting System	1
208	Fire Fighting System	1

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	Laundry	
209	Electric Washer	8
210	Electric Dryer	5
211	Domestic Ironing Board	3
	Gym	
212	Life Cycle	1
213	Gymbell Set	1
214	Gymbell Rack Hold Nine Pair	1
215	David E5-3 ADJ incl. Flat Bench	1
216	David E50 Flat Bench	1
217	York Exercise Flooring	1
218	Trotter LAT Pull Down	1
219	Trotter Treadmill	1
220	York 140 kg Olympic Barbell	1
221	York 47" International Curl Bar	1
222	Arm Curl	1

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SAUDI JAPANESE AUTOMOBILE HIGH INSTITUTE  
SUMMARY OF RUNNING COST

ID	Item	2002	2003	2004	2005	2006	Calculation Basis
1	Manpower Cost	4,451,795	6,268,545	6,268,545	6,268,545	6,268,545	
	Management / Adm	1,331,625	1,373,075	1,373,075	1,373,075	1,373,075	See Anexare
	Teachers	1,980,591	3,310,270	3,310,270	3,310,270	3,310,270	See Anexare
	Out Source English	1,139,579	1,585,200	1,585,200	1,585,200	1,585,200	As per contract
2	Contractor for cleaning, Garden & Secu.	360,000	360,000	360,000	360,000	360,000	See Anexare
3	Electricity	200,000	200,000	200,000	200,000	200,000	Refer to existing institute
4	Water supply	150,000	150,000	150,000	150,000	150,000	Refer to existing institute
5	Telephone	50,000	50,000	50,000	50,000	50,000	Refer to existing institute
6	Training & Travel expenses	150,000	150,000	150,000	150,000	150,000	Refer to existing institute
7	AD, Student recruit. & Entertainment	300,000	300,000	300,000	300,000	300,000	Refer to existing institute
8	Training & Curricular Materials	400,000	400,000	400,000	400,000	400,000	Refer to existing institute
9	Maintenance	610,500	610,500	610,500	610,500	610,500	
	Building	382,500	382,500	382,500	382,500	382,500	0.75% of initial cost (51 millions)
	Training Equipment	228,000	228,000	228,000	228,000	228,000	1.6% of initial cost (14.2 millions)
10	Insurance ( building )	40,000	40,000	40,000	40,000	40,000	0.078 % of initial cost (51 millions)
11	Other Expenses	406,000	498,000	498,000	498,000	498,000	5 % of total expenses
12	Depreciation	1,420,500	1,420,500	1,420,500	1,420,500	1,420,500	
	Training Equipment	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	
	Vehicles	220,500	220,500	220,500	220,500	220,500	Depreciation period 10 years

WITH DEPRECIATION

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Annex 13 Annual Plan of Operations (APO)

Output 1 The Project operation unit is established

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks				
		JFY 2001												JFY2002												1	2	3							
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3								
			Signing of the R/D												SJAHI Open																				
Term of Technical Cooperation			▼												▼																				
1. The Project operation unit is established																																			
1-1 Allocate necessary personnel as planned.																																			
1-1-1 Make personnel allocation plan																												IS, PD, PM							
1-1-2 Allocate personnel as planned																												PD, PM	CA/PC, LE, SE						
1-2 Formulate plans of activities.																																			
1-2-1 Formulate plans of activities for the Project																												IS, CA/PC, PD	CA/PC, LE, SE						
1-2-2 Formulate plans of activities for the first year																												IS, CA/PC, PD	CA/PC, LE, SE						
1-2-3 Review plans of activities, if necessary																												IS, CA/PC, PD	CA/PC, LE, SE						
1-2-4 Formulate plans of activities for the second year																												CA/PC, PD	CA/PC, LE, SE						
1-3 Make budget plan and execute properly.																																			
1-3-1 Make budget plan for SFY 2002																												PD, PM, CA/PC	CA/PC, LE, SE						
1-3-2 Approve budget for SFY 2002																												PD, PM, CA/PC	CA/PC, LE, SE						
1-3-3 Execute budget for SFY 2002																												PD, PM, CA/PC	CA/PC, LE, SE						
1-4 Establish and operate management system.																																			
1-4-1 Make plan of management system																												CA/PC, PM	CA/PC, LE, SE						
1-4-2 Establish management system																												CA/PC, PM	CA/PC, LE, SE						
1-4-3 Operate management system																												CA/PC, PM	CA/PC, LE, SE						
1-4-4 Monitor and review management system, if necessary																												CA/PC, PD	CA/PC, LE, SE						

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert

(Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 2 The necessary machinery and equipment are provided, installed, operated and maintained properly.

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001				2002				2003			Responsible Person in the Project(*)	Input (*)	Remarks																			
		JFY 2001				JFY 2002																												
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3							
		Signing of the R/D				SJAHI Open																												
	Term of Technical Cooperation																																	
	2 The necessary machinery and equipment are provided, installed, operated and maintained properly.																																	
	2-1 Make facility refurbishment plan and implement as planned.																																	
	2-1-1 Make facility refurbishment plan																																	
	2-1-2 Implement as planned																																	
	2-2 Provide and install necessary machinery and equipment.																																	
	2-2-1 Identify specifications of necessary machinery and equipment																																	
	2-2-2 Make plan of dispatch of short-term experts for installation																																	
	2-2-3 Implement tenders and select traders																																	
	2-2-4 Procure and transport the machinery and equipment to the Project site																																	
	2-2-5 Install the machinery and equipment																																	
	2-3 Operate and maintain the machinery and equipment properly.																																	
	2-3-1 Make maintenance plan of the machinery and equipment																																	
	2-3-2 Prepare or develop operation and maintenance manual																																	
	2-3-3 Operate and maintain the machinery and equipment																																	
	2-3-4 Provide fundamental training on operation and maintenance of machinery and equipment																																	

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Output 3 Technical capability of the counterpart personnel (hereinafter referred to as "C/P") are upgraded.

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
Japanese Fiscal Year	00	JFY 2001												JFY 2002																	
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3						
		Signing of the R/D												SJAH Open																	
Term of Technical Cooperation		▼												▼																	
3 Technical capability of the counterpart personnel (hereinafter referred to as "the C/P") is upgraded.																															
3-1 Make Technical Cooperation Program.																															
3-1-1 Evaluate technical capability of the C/P through interviews, test, factory visit, etc.																															
3-1-2 Make Technical Cooperation Program (TCP)																															
3-1-3 Make Annual Technical Cooperation Program(ATCP)																															
3-1-4 Review TCP & ATCP																															
3-2 Implement technology transfer to the C/P.																															
3-2-1 Prepare teaching material																															
3-2-2 Implement technology transfer as planned																															
3-2-3 Compile textbooks and necessary documents																															
3-3 Monitor and evaluate the result of technology transfer to the C/P.																															
3-3-1 Make monitoring and evaluation plan																															
3-3-2 Establish monitoring and evaluate plan																															
3-3-3 Monitor the result of technology transfer to the C/P																															
3-3-4 Evaluate the result of technology transfer to the C/P																															

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 4 Training methodology and materials are developed

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
Japanese Fiscal Year		JFY 2001												JFY 2002																	
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3				
		Signing of the R/D												SJAHI Open																	
Term of Technical Cooperation																															
-----																															
4 Training methodology and materials are developed																															
4-1 Develop training curriculum and materials																															
4-1-1 Study educational & training level and capabilities of students																															
4-1-2 Evaluate on present contents of training curriculum and materials																															
4-1-3 Develop the curriculum and materials																															
4-1-4 Review on the curriculum and materials developed																															
4-2 Develop Training methodology																															
4-2-1 Study educational & training level and capabilities of students																															
4-2-2 Evaluate on present training methodology																															
4-1-3 Develop the training methodology																															
4-1-4 Review on the training methodology																															

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 5 Curricula for automotive technical services training are implemented systematically

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
Japanese Fiscal Year		JFY 2001												JFY 2002																	
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3				
		Signing of the R/D												SJAHI Open																	
Term of Technical Cooperation																															
5 Implement the training curriculum																															
5-1 Implement the training curriculum																															
5-1-1 Make plan for the implementation of the curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-2 Allocate for necessary instructors and staff																													CA/PC,PM	CA/PC,LE,SE	
5-1-3 Allocate necessary equipment for the curriculum operations																													CA/PC,PM	CA/PC,LE,SE	
5-1-4 Allocate necessary lecture rooms for the curriculum operations																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-5 Final review for the contents of curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-6 Rehearsal for the curriculum operations																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-7 Check the equipment operations																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-8 Implement the training curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-9 Make plan for the implementation of the curriculum																													CA/PC,PM	CA/PC,LE,SE	
5-1-10 Allocate for necessary instructors and staffers for 2nd grade																													CA/PC,PM	CA/PC,LE,SE	
5-1-11 Allocate necessary equipment for the curriculum operations for 2nd grade																													CA/PC,PM	CA/PC,LE,SE	
5-1-12 Allocate necessary lecture rooms for the curriculum operations for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-13 Final review for the contents of curriculum for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-14 Rehearsal for the curriculum operations for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-15 Check the equipment operations for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-16 Implement the training curriculum for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 6 Internal evaluations for the training are implemented systematically

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
		JFY 2001						JFY 2002																							
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3				
Term of Technical Cooperation		Signing of the R/D: ▼						SJAHI Open ▼																							
6 Curriculum evaluations are implemented systematically																															
6-1 Monitor progress of training curriculum																															
6-1-1 Make monitoring plan for curriculum operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-1-2 Make monitoring plan for Instructors operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-1-3 Make monitoring plan for equipment operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-1-4 Monitor progress of training curriculum																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-2 Implement evaluations																															
6-2-1 Make evaluation plan for curriculum operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-2-2 Make evaluation plan for Instructors operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-2-3 Make evaluation plan for equipment operations																	CA/PC,PM, C/P	CA/PC,LE,SE													
6-2-4 Evaluate the training curriculum																	CA/PC,PM, C/P	CA/PC,LE,SE													

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Annex 14 Annual Tentative Schedule of Implementation (ATCP)

Calendar Year (Saudi Fiscal Year)	2001												2002												2003			
Japanese Fiscal Year	JFY 2001												JFY 2002															
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3			
	Signing of R/D												SJAH Open															
Terms of Cooperation																												
I. Head instructor training																												
1. Curriculum of 1st year																												
1.1 Engine																												
1.1.1 Introduction to Automotive technology													████████															
1.1.2 Vehicle Specification													████████															
1.1.3 Fundamentals-Engine 1													████████															
1.1.4 Fundamentals-Engine 2													████████															
1.1.5 Fundamentals-Engine 3													████████															
1.1.6 Gasoline Engine 1													████████															
1.1.7 Fuel System													████████															
1.1.8 Electronic Fuel Injection 1													████████															
1.2 Chassis																												
1.2.1 Fundamentals-Chassis																												
1.2.2 Clutch													████████															
1.2.3 Fundamentals-Drive Train													████████															
1.2.4 Brake System 1													████████															
1.3 Electrical																												
1.3.1 Fundamentals-Electrical(Engine&Body)													████████															
1.4 Glass & Lubricant																												
1.4.1 Automotive Glass/Fuels & Lubricant													████████															
1.5 Maintenance																												
1.5.1 Pre-Delivery Service																												
1.5.2 Maintenance 1													████████															
1.5.3 Maintenance 2													████████															
1.5.4 Maintenance 3													████████															
1.6 Technical Knowledge																												
1.6.1 Service Manuals																												
1.6.2 Genuine Parts	████████																											
1.6.3 Tools & Measurement	████████																											
1.6.4 Nuts & Bolts	████████																											
1.6.5 Work Safely	████████																											
1.6.6 Fundamentals-Electricity 1	████████																											
1.7 Review Study																												
2. Curriculum of 2nd year																												
2.1 Engine																												
2.1.1 Gasoline Engine 2																									████████			
2.1.2 Emission Control System																									████████			
2.1.3 Electronic Fuel Injection 2																									████████			
2.1.4 Computer Controlled System																									████████			
2.1.5 Diesel Engine																									████████			
2.1.6 Truck (Engine)																									████████			
2.2 Chassis																												
2.2.1 Mnual Transaxle & Transmission																												
2.2.2 Automatic Transaxle & Transmission																												
2.2.3 Propeller Shaft																												
2.2.4 Drive Shaft																												
2.2.5 Axle & Axle Shaft																												
2.2.6 Differential Shaft																												
2.2.7 Suspension System																												
2.2.8 Steering System																												
2.2.9 Tires																												
2.2.10 Brake System 2																												
2.2.11 Anti-lock Brake System																												
2.2.12 Wheel Alignment																												
2.2.13 Truck (Chassis)																												
2.3 Electrical																												
2.3.1 Ignition Sysytem																									████████			
2.3.2 Starting System																									████████			
2.3.3 Charging System																									████████			
2.3.4 Body Electrical 2																									████████			
2.3.5 Heater & Air Conditioning System																									████████			
2.4 Maintenance																												

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Calendar Year (Saudi Fiscal Year)	2001												2002												2003			
Japanese Fiscal Year	JFY 2001												JFY 2002															
	00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
		Signing of R/D												SJAHi Open														
Terms of Cooperation																												
2.4.1 Maintenance 4																												
2.5 Technical Knowledge																												
2.5.1 Fundamentals-Electricity 2																												
2.6 Confirmation of Target Skills																												
2.7 Latest system																												
2.8 Law & Regulation																												
2.9 Review Study																												
II. Junior Instructor Training																												
1. Mastering Curriculum																												
1.1 Lesson Planning																												
1.2 Preparation of Worksheets																												
2. Mastering Effective Instruction Method																												
2.1 Role Playing																												
2.2 Experience of Actual Classrooms																												
3. Making Graduation Standard																												
3.1 Examination Test																												
3.2 Grading Method																												
4. Study of Special Technology and New Technology of Each Company																												
5. Observation of Factories and Schools																												
6. Feed Back Report																												
III. Instructor rotation planning																												
IV. Curriculum final adjustment																												
V. Monitoring and Feedback																												

Note: — — — denotes technology transfer to take place in Japan.


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Annex 15 Annual Tentative Schedule of Implementation (ATSI)

Calendar Year (Saudi Arabia Fiscal Year)	2001												2002												2003		
Japanese Fiscal Year	JFY 2001												JFY 2002														
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
	Signing of R/D												SJAHI Open														
Terms of Cooperation	▼												▼														
<b>Japanese Side</b>																											
i. Dispatch of Study Team																											
(1) Preliminary Study																											
(2) Preparatory Study																											
(3) Implementation Study																											
(4) Management Consultation																											
(5) Evaluation																											
II. Dispatch of Long-Term Experts																											
(1) Chief Advisor/Project Coordinator																											
(2) Curriculum Supervision																											
(3) Engine																											
(4) Chassis																											
(5) Electricity																											
III. Dispatch of Short-Term Experts																											
(1) Institute Operation																											
(2) Equipment Supervision																											
(3) Curriculum Development																											
IV. Training of Counterpart																											
(1) Administrative C/P																											
(2) Technical C/P 1st Batch																											
(3) Technical C/P 2nd Batch																											
V. Provision of Machinery and Equipment																											
<b>Saudi Arabian Side</b>																											
i. Building and Facilities																											
II. Machinery and Equipment																											
III. Allocation of Counterpart Personnel and Supporting Staff																											
IV. Allocation of Budget																											

Notes:

1. Japanese fiscal year starts in April and ends in March.
2. This schedule is subject to change in accordance with the progress of the Project.

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## List of Attendants

## 1. Japanese side

## (1) Preparatory Study Team

- Mr. Ryoji Noda            Assistant Director  
                                  Technical Cooperation Division  
                                  Economic Cooperation Bureau  
                                  Ministry of Foreign Affairs (MOFA)
- Mr. Tatsuo Yamashita    Technical Cooperation Planning  
                                  Trade Policy Chief Officer  
                                  Automobile Division  
                                  Manufacturing Industries Bureau  
                                  Ministry of Economy, Trade and Industry (METI)
- Mr. Kiyoshi Kakogi      Equipment Planning  
                                  Project General Manager  
                                  Government and Industrial Affairs Division  
                                  International Public Affairs Department  
                                  Toyota Motor Corporation
- Mr. Naoki Yamamoto     Equipment Planning  
                                  Assistant Manager  
                                  International Car Administration Office  
                                  Mitsubishi Motors Corporation
- Mr. Kenji Fukui          Technology Transfer Planning  
                                  Senior Staff  
                                  Mitsubishi Motors Technical Training Institute
- Mr. Takehisa Yamakawa    Technology Transfer Planning  
                                  International Department  
                                  Japan Automobile Manufacturers' Association, Inc. (JAMA)
- Mr. Takehiro Hozumi     Cooperation Management  
                                  Staff, First Technical Cooperation Division  
                                  Mining & Industrial Development Cooperation Department  
                                  Japan International Cooperation Agency (JICA)
- Mr. Shizuo Kamikura     Project Analysis

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Senior Planner  
Regional Planning International Co.,Ltd.

(2) Embassy of Japan in Saudi Arabia

Mr. Shotaro Oshima      Ambassador Extraordinary and Plenipotentiary  
Mr. Yoshimitsu Sasaki      Second Secretary

(3) Consulate General of Japan in Jeddah

Mr. Hajime Tanaki      Consul-General  
Mr. Hironao Matsutani      Consul

(4) JICA Saudi Arabia Office

Mr. Kuniaki Nagata      Resident Representative  
Mr. Yoshihisa Ishizaki      Assistant Resident Representative  
Mr. Wael G. Moh'd Abdullah      Program Manager

2. Saudi side

(1) GOTEVT

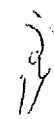
Dr. Ali N. Al-Ghafis      Vice Governor for Research and Development  
Dr. Saleh Al-Amr      Director General, Curriculum Department  
Mr. Abdullah S. Al-Humood      Director, Electronics Education Development Center

(2) SJAHI

Mr. Salim H. Al-Asmarei      Director

(3) JADIK

Mr. Faisal O. Abdou Shousha      Director, Al Shamil  
Mr. Gamal Ahmed Mohamed Ali      Field Operation Manager, Al Shamil  
Mr. Hassan A. Al-Amoudi      Workshop Manager, Madinah Road Branch  
Alhamrani United Co.  
Dr. Nasir A. I. Al-Ansari      Management Consultant, Balubaid

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List of Counterpart Personnel (C/P) of the Project

1. Educational Manager (1)  
(To be employed)

2. Head Instructors (4)  
(To be employed)

3. Experienced Instructors (10)  
(To be employed)

4. Junior Instructors (10)

(1) Mr. Nabil S. Al-Tureiri

(2) Mr. Fayez S. Al-Jedaani

(3) Mr. Ali Abdul Aziz Obaid

(4) Mr. Basem Z. Nahari

(5) Mr. Bander S. Abo Jammal

(Rest to be employed)

Total: 25 persons

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Tentative list of furniture and other equipment to be provided by the Saudi side

No.	Items	Quantity
	Administration Area	
1	Bulletin Board	2
2	Medical Examination Bed	1
3	Desk & Chair	56
4	Guest Chair	46
5	Lounge Chair	16
6	Desk with Return	6
7	Desk & Return with Panel	45
8	Desk Return & Credenza	8
9	4-Drawer Lateral File Cabinet	26
10	3-Seater Gang Chair	3
11	4-Seater Gang Chair	2
12	2-Seater Sofa	10
13	3-Seater Sofa	6
14	Steel Storage Shelf	55
15	Tea Table	2
16	Side Table	19
17	Coffee Table	7
18	Conference Table	26
19	Multi-purpose Cabinet	1
20	Credenza	3
21	Swivel Chair	7
22	Single-face Book Shelf	29
23	Double-face Book Shelf	32
24	Reading Desk	4
25	Reading Chair	28
26	Round Coffee Table	2
27	Square Side Table	7
28	Refrigerator	2
29	Boiling Kettle	2
30	Crockery	3
31	PCs	54
32	Cabinet & Cupboard	70
33	Telephone Set (EPABX)	1
34	Intercoms	54
35	Printer	5
36	Color Printer	2
37	Printer A3 size	2
38	Photocopy Machine	3
39	Cutter	3
40	Audio system	1
41	Safe	2

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42	Window Curtain	
43	Wall Clock	10
44	Floor Carpet	
45	Cork Board	10
46	Stand/Hanger	50
47	Calculators	55
48	Fax Machine	2
49	Plants	15
50	Television & VCR	3
51	Stationary Items	
52	TV Stand	3
53	Water Dispenser	2
54	Vacuum Cleaner	3
55	Book Shelf & Cabinet for Mosque	14
56	Loudspeaker for Mosque	1
57	Fire Extinguisher	60
58	Binding Machine	3
	Training Area	
59	Classroom Chair	880
60	Instructor Desk	32
61	Guest Chair	7
62	Sofa Set	1
63	Water Dispenser	6
64	Wall Clock	45
	Dormitory Area	
65	Single Bed	315
66	Wardrobe	315
67	Study Desk	315
68	Study Chair	315
69	Cabinet (housekeeping)	6
70	Cabinet with Shelves	6
71	Steel Storage Shelving	21
72	Desk Chair	3
73	Guest Chair	3
74	Single Pedestal Desk	3
75	Bedside Table	6
76	TV & VCR	3
77	TV Stand	3
78	Washing Machine	20
79	Table Tennis	2
80	Billiard Table	2
81	Water Dispenser	6
82	Loudspeaker	1
83	Wall Clock	15
84	Bulletin Board	9
85	Dinning Table	76

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86	Stackable Dinning Chair	460
	Kitchen (Pantry)	
87	Single-door Freezer	1
88	Double-door Refrigerator	1
89	Single Bowl Sink	1
90	C/F, S/S Filler, DIM as per Site 1	1
91	C/F, S/S Bain Marine Trolley	1
92	S/S Hot Base Cabinet	1
93	Juice Dispenser	1
94	Coffee Machine	1
95	Juice Extractor	1
96	S/S Corner Base Cabinet	1
97	Corner Wall Cabinet	1
98	Wall Cabinet with Sliding Doors	2
99	Wall Cabinet with Sliding Doors	2
100	Wall Cabinet with Hinged Doors	1
101	Hot Base Cabinet with Sliding Doors	2
102	Work Table with Under Shelf	1
103	Air-cooled Ice Cube Machine	1
104	Tall Cabinet with 4 Sliding Doors	1
105	Shelves Service Trolley (Servery)	2
106	Tray, Cutlery & Bread	2
107	Ambient Unit with Open Base	4
108	Bain Marine Unit on Hot Base	2
109	90 External Corner Unit with Tray Slide	2
110	Cold Cabinet with Open	2
111	Base Cabinet with Sliding Doors	2
112	Spray 3-tank Juice Dispenser	2
113	Hot Base Cabinet with Sliding Doors	4
114	Electric Water Boiler	2
115	Espresso Coffee Machine	2
116	Ambient Unit with Tray Slide (Pastry & Bakery)	2
117	S/S Base Cabinet with Sliding Door	2
118	S/S 3-door Under Counter	1
119	S/S Single Bowl Sink	1
120	Work Table with Under Shelf	1
121	Double-door Refrigerator	1
122	Counter Top Weighing Scale	1
123	Puff and Paste Making Machine	1
124	Plantery Flour Mixer	1
125	Free Standing Water Cooler	1
126	Wall Cabinet with Sliding Door	2
127	Corner Wall Cabinet with Hinged Door	1
128	Corner Work Table	1

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129	Wall Cabinet with Sliding Doors	1
130	Wall Cabinet with Sliding Door	1
	(Dish Washing Area)	
131	Work Table with Under Shelf	1
132	Wash Table with Single Bowl Sink	1
133	Sink-mounted Rinsing Unit	1
134	Electronic Dish Washing Machine	1
135	Outlet Table	1
136	Tier Chrome Wire Shelving	2
137	Dish Trolley	2
	(Pot-wash)	
138	Pot-wash Sink Unit	1
139	Sink-mounted Rinsing Unit	1
140	Work Table with Under Shelf	1
141	4-tier Chrome Wire Shelving	1
	(Dry-store)	
142	4-tier Chrome Wire Shelving	17
143	Plastic Dunnage Rack	3
	(Walk-in Cold Rooms)	
144	Prepainted Walk in Freezer	1
145	Prepainted Walk in Refrigerator	1
146	4-tier Chrome Wire Shelving	2
147	4-tier Chrome Wire Shelving	8
	(Food Assembly Area)	
148	S/S Base Cabinet with Sliding Doors	1
149	S/S Hot Base Cabinet	2
150	S/S Single Flat Wall	3
	(Cooking Area)	
151	4-burner Cooking Range	2
152	S/S Gas Boiling Pan	2
153	Gas Stock Pot Stove	2
154	Gas Tilting Bratt Pan	2
155	Exhaust Hood with Grease	1
156	Gas Convection Oven	1
157	Gas Deep Fat Fryer	1
158	Spreader Unit on Open Base	2
159	S/S Gas Fry Top on Open	1
160	Burner Gas Cooking Range	1
161	Gas Chicken Roasting Split	1
162	Exhaust Hood with Grease	1
163	S/S Work Table with Under Shelf	2
164	S/S Double Bowl Sink	1
165	S/S Work Table with Under Shelf	1
	(Landing Area)	
166	S/S Platform Trolley	1
167	Platform Weighing Scale	1
168	Free Standing Water Cooler	1
	(Cleaning Material Store)	

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169	4-tier Chrome Wire Shelving	2
170	4-tier Chrome Wire Shelving	2
171	4-tier Chrome Wire Shelving (Root-vegetable Store)	1
172	Plastic Dunnage Pack	1
173	4-tier Chrome Wire Shelving (Garbage Room)	4
174	S/S Mobile Garbage Bin with Lid (Vegetable Preparation)	4
175	Potato Peeler	1
176	Double Bowl Sink with Under Shelf	1
177	S/S Work Table with Under Shelf	1
178	S/S Vegetable Processing Table	1
179	Vegetable Cutter with 6 Cutting Disk	1
180	Mobile Garbage Bin (Cold Preparation)	1
181	S/S Work Table with Under Shelf	1
182	Single Bowl Sink	1
183	Work Table with Under Shelf	1
184	Work Table with Under Shelf	1
185	Gravity Meat Slicer	1
186	Vegetable Cutter with 6 Cutting Disk	1
187	Meat Mincer	1
188	Single Flat Wall Shelf	1
189	Single Flat Wall with BR (Butchery)	1
190	Work Table with Under Shelf	2
191	Double Bowl Sink with Under Shelf	1
192	Work Table with Under Shelf	1
193	Wooden Chopping Block	1
194	Meat Bone Saw	1
195	Gravity Meat Slicer	1
196	Tray Holding Trolley (Kitchen Store)	2
197	4-tier Chrome Wire Shelving Unit (Optional-Pantry)	6
198	Hot-Base Cabinet with Sliding Doors	2
199	Base Cabinet with Sliding Doors	2
200	Air-cooled Ice Cube Machine	1
201	Wall Cabinet with Sliding Door	4
202	3-tank Juice Dispenser	1
203	Juice Extractor	1
204	Twin Coffee Brewer	1
205	Electric Water Boiler (Optional-Cooking Area)	1
206	Floor Grating with Frame	2
207	Fire Fighting System	1
208	Fire Fighting System	1

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	Laundry	
209	Electric Washer	8
210	Electric Dryer	5
211	Domestic Ironing Board	3
	Gym	
212	Life Cycle	1
213	Gymbell Set	1
214	Gymbell Rack Hold Nine Pair	1
215	David E5-3 ADJ incl. Flat Bench	1
216	David E50 Flat Bench	1
217	York Exercise Flooring	1
218	Trotter LAT Pull Down	1
219	Trotter Treadmill	1
220	York 140 kg Olympic Barbell	1
221	York 47" International Curl Bar	1
222	Arm Curl	1

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SAUDI JAPANESE AUTOMOBILE HIGH INSTITUTE  
SUMMARY OF RUNNING COST

ID	Item	2002	2003	2004	2005	2006	Calculation Basis
1	Manpower Cost	4,451,795	6,268,545	6,268,545	6,268,545	6,268,545	
	Management / Adm	1,331,625	1,373,075	1,373,075	1,373,075	1,373,075	See Anexare
	Teachers	1,980,591	3,310,270	3,310,270	3,310,270	3,310,270	See Anexare
	Out Source English	1,139,579	1,585,200	1,585,200	1,585,200	1,585,200	As per contract
2	Contractor for cleaning, Garden & Secu.	360,000	360,000	360,000	360,000	360,000	See Anexare
3	Electricity	200,000	200,000	200,000	200,000	200,000	Refer to existing institute
4	Water supply	150,000	150,000	150,000	150,000	150,000	Refer to existing institute
5	Telephone	50,000	50,000	50,000	50,000	50,000	Refer to existing institute
6	Training & Travel expenses	150,000	150,000	150,000	150,000	150,000	Refer to existing institute
7	AD, Student recruit. & Entertainment	300,000	300,000	300,000	300,000	300,000	Refer to existing institute
8	Training & Curriculam Materials	400,000	400,000	400,000	400,000	400,000	Refer to existing institute
9	Maintenance	610,500	610,500	610,500	610,500	610,500	
	Building	382,500	382,500	382,500	382,500	382,500	0.75% of initial cost (51 millions)
	Training Equipment	228,000	228,000	228,000	228,000	228,000	1.6% of initial cost (14.2 millions)
10	Insurance ( building )	40,000	40,000	40,000	40,000	40,000	0.078 % of initial cost (51 millions)
11	Other Expenses	406,000	498,000	498,000	498,000	498,000	5 % of total expenses
12	Depreciation	1,420,500	1,420,500	1,420,500	1,420,500	1,420,500	
	Training Equipment	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	
	Vehicles	220,500	220,500	220,500	220,500	220,500	Depreciation period 10 years

WITH DEPRECIATION

R.N.  
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Annex 13 Annual Plan of Operations (APO)

Output 1 The Project operation unit is established

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
		00	JFY 2001												JFY2002												1	2			
		3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3					
		Signing of the R/D: ▼												SJAHI Open ▼																	
Term of Technical Cooperation																															
1. The Project operation unit is established																															
1-1 Allocate necessary personnel as planned.																															
1-1-1 Make personnel allocation plan																															
1-1-2 Allocate personnel as planned																															
1-2 Formulate plans of activities.																															
1-2-1 Formulate plans of activities for the Project																															
1-2-2 Formulate plans of activities for the first year																															
1-2-3 Review plans of activities, if necessary																															
1-2-4 Formulate plans of activities for the second year																															
1-3 Make budget plan and execute properly.																															
1-3-1 Make budget plan for SFY 2002																															
1-3-2 Approve budget for SFY 2002																															
1-3-3 Execute budget for SFY 2002																															
1-4 Establish and operate management system.																															
1-4-1 Make plan of management system																															
1-4-2 Establish management system																															
1-4-3 Operate management system																															
1-4-4 Monitor and review management system, if necessary																															

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
(Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 2 The necessary machinery and equipment are provided, installed, operated and maintained properly.

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001				2002				2003			Responsible Person in the Project(*)	Input (*)	Remarks													
		JFY 2001				JFY 2002																						
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	
		Signing of the R/D				SJAHI Open																						
Term of Technical Cooperation																												
2 The necessary machinery and equipment are provided, installed, operated and maintained properly.																												
2-1 Make facility refurbishment plan and implement as planned.																												
2-1-1 Make facility refurbishment plan																												
2-1-2 Implement as planned																												
2-2 Provide and install necessary machinery and equipment.																												
2-2-1 Identify specifications of necessary machinery and equipment																												
2-2-2 Make plan of dispatch of short-term experts for installation																												
2-2-3 Implement tenders and select traders																												
2-2-4 Procure and transport the machinery and equipment to the Project site																												
2-2-5 Install the machinery and equipment																												
2-3 Operate and maintain the machinery and equipment properly.																												
2-3-1 Make maintenance plan of the machinery and equipment																												
2-3-2 Prepare or develop operation and maintenance manual																												
2-3-3 Operate and maintain the machinery and equipment																												
2-3-4 Provide fundamental training on operation and maintenance of machinery and equipment																												

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
(Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

R.M.  
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Output 3 Technical capability of the counterpart personnel (hereinafter referred to as "C/P") are upgraded.

Calendar Year (Saudi Arabia Fiscal Year) Japanese Fiscal Year	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
		00	JFY 2001												JFY 2002																
		3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3					
		Signing of the R/D						SJAHI Open																							
Term of Technical Cooperation		▼												▼																	
3 Technical capability of the counterpart personnel (hereinafter referred to as "the C/P") is upgraded.																															
3-1 Make Technical Cooperation Program.																															
3-1-1 Evaluate technical capability of the C/P through interviews, test, factory visit, etc.																															
3-1-2 Make Technical Cooperation Program (TCP)																															
3-1-3 Make Annual Technical Cooperation Program(ATCP)																															
3-1-4 Review TCP & ATCP																															
3-2 Implement technology transfer to the C/P.																															
3-2-1 Prepare teaching material																															
3-2-2 Implement technology transfer as planned																															
3-2-3 Compile textbooks and necessary documents																															
3-3 Monitor and evaluate the result of technology transfer to the C/P.																															
3-3-1 Make monitoring and evaluation plan																															
3-3-2 Establish monitoring and evaluate plan																															
3-3-3 Monitor the result of technology transfer to the C/P																															
3-3-4 Evaluate the result of technology transfer to the C/P																															

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

R.N.  
13/

Output 4 Training methodology and materials are developed

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
Japanese Fiscal Year		JFY 2001												JFY 2002																	
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3				
		Signing of the R/D												SJAHI Open																	
Term of Technical Cooperation																															
-----																															
4 Training methodology and materials are developed																															
4-1 Develop training curriculum and materials																															
4-1-1 Study educational & training level and capabilities of students																															
4-1-2 Evaluate on present contents of training curriculum and materials																															
4-1-3 Develop the curriculum and materials																															
4-1-4 Review on the curriculum and materials developed																															
4-2 Develop Training methodology																															
4-2-1 Study educational & training level and capabilities of students																															
4-2-2 Evaluate on present training methodology																															
4-1-3 Develop the training methodology																															
4-1-4 Review on the training methodology																															

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

2.  
7.

Output 5 Curricula for automotive technical services training are implemented systematically

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001												2002												2003			Responsible Person in the Project(*)	Input (*)	Remarks
Japanese Fiscal Year		JFY 2001						JFY 2002																							
		00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3				
		Signing of the R/D						SJAHI Open																							
Term of Technical Cooperation																															
5 Implement the training curriculum																															
5-1 Implement the training curriculum																															
5-1-1 Make plan for the implementation of the curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-2 Allocate for necessary instructors and staff																													CA/PC,PM	CA/PC,LE,SE	
5-1-3 Allocate necessary equipment for the curriculum operations																													CA/PC,PM	CA/PC,LE,SE	
5-1-4 Allocate necessary lecture rooms for the curriculum operations																													CA/PC,PM	CA/PC,LE,SE	
5-1-5 Final review for the contents of curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-6 Rehearsal for the curriculum operations																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-7 Check the equipment operations																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-8 Implement the training curriculum																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-9 Make plan for the implementation of the curriculum																													CA/PC,PM	CA/PC,LE,SE	
5-1-10 Allocate for necessary instructors and staffers for 2nd grade																													CA/PC,PM	CA/PC,LE,SE	
5-1-11 Allocate necessary equipment for the curriculum operations for 2nd grade																													CA/PC,PM	CA/PC,LE,SE	
5-1-12 Allocate necessary lecture rooms for the curriculum operations for 2nd grade																													CA/PC,PM	CA/PC,LE,SE	
5-1-13 Final review for the contents of curriculum for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-14 Rehearsal for the curriculum operations for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-15 Check the equipment operations for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	
5-1-16 Implement the training curriculum for 2nd grade																													CA/PC,PM, C/P	CA/PC,LE,SE	

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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Output 6 Internal evaluations for the training are implemented systematically

Calendar Year (Saudi Arabia Fiscal Year)	Target	2001				2002				2003			Responsible Person in the Project(*)	Input (*)	Remarks										
Japanese Fiscal Year	00	JFY 2001				JFY 2002																			
	3	4	5	6	7	8	9	10	11	12	1	2				3	4	5	6	7	8	9	10	11	12
		Signing of the R/D: ▼				SJAHI Open ▼																			
Term of Technical Cooperation																									
6 Curriculum evaluations are implemented systematically																									
6-1 Monitor progress of training curriculum																									
6-1-1 Make monitoring plan for curriculum operations																									
6-1-2 Make monitoring plan for Instructors operations																									
6-1-3 Make monitoring plan for equipment operations																									
6-1-4 Monitor progress of training curriculum																									
6-2 Implement evaluations																									
6-2-1 Make evaluation plan for curriculum operations																									
6-2-2 Make evaluation plan for Instructors operations																									
6-2-3 Make evaluation plan for equipment operations																									
6-2-4 Evaluate the training curriculum																									

Notes on Abbreviations:

(Japanese side) IS: Implementation Study Team CA/PC: Chief Advisor/Project Coordinator LE: Long-term expert SE: Short-term expert  
 (Saudi side) PM: Project Manager PD: Project Director C/P: Counterpart Personnel

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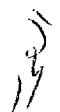
Annex 14 Annual Tentative Schedule of Implementation (ATCP)

Calendar Year (Saudi Fiscal Year)	2001												2002												2003			
Japanese Fiscal Year	JFY 2001												JFY 2002															
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3			
	Signing of R/D												SJAH Open															
Terms of Cooperation	▼																											
I. Head instructor training																												
1. Curriculum of 1st year																												
1.1 Engine																												
1.1.1 Introduction to Automotive technology													=====															
1.1.2 Vehicle Specification													=====															
1.1.3 Fundamentals-Engine 1													=====															
1.1.4 Fundamentals-Engine 2													=====															
1.1.5 Fundamentals-Engine 3													=====															
1.1.6 Gasoline Engine 1													=====															
1.1.7 Fuel System													=====															
1.1.8 Electronic Fuel Injection 1													=====															
1.2 Chassis																												
1.2.1 Fundamentals-Chassis													=====															
1.2.2 Clutch													=====															
1.2.3 Fundamentals-Drive Train													=====															
1.2.4 Brake System 1													=====															
1.3 Electrical																												
1.3.1 Fundamentals-Electrical(Engine&Body)													=====															
1.4 Glass & Lubricant																												
1.4.1 Automotive Glass/Fuels & Lubricant													=====															
1.5 Maintenance																												
1.5.1 Pre-Delivery Service													=====															
1.5.2 Maintenance 1													=====															
1.5.3 Maintenance 2													=====															
1.5.4 Maintenance 3													=====															
1.6 Technical Knowledge																												
1.6.1 Service Manuals																												
1.6.2 Genuine Parts	=====																											
1.6.3 Tools & Measurement	=====																											
1.6.4 Nuts & Bolts	=====																											
1.6.5 Work Safely	=====																											
1.6.6 Fundamentals-Electricity 1	=====																											
1.7 Review Study																												
2. Curriculum of 2nd year																												
2.1 Engine																												
2.1.1 Gasoline Engine 2																									=====			
2.1.2 Emission Control System																									=====			
2.1.3 Electronic Fuel Injection 2																									=====			
2.1.4 Computer Controlled System																									=====			
2.1.5 Diesel Engine																									=====			
2.1.6 Truck (Engine)																									=====			
2.2 Chassis																												
2.2.1 Mnual Transaxle & Transmission																												
2.2.2 Automatic Transaxle & Transmission																												
2.2.3 Propeller Shaft																												
2.2.4 Drive Shaft																												
2.2.5 Axle & Axle Shaft																												
2.2.6 Differential Shaft																												
2.2.7 Suspension System																												
2.2.8 Steering System																												
2.2.9 Tires																												
2.2.10 Brake System 2																												
2.2.11 Anti-lock Brake System																												
2.2.12 Wheel Alignment																												
2.2.13 Truck (Chassis)																												
2.3 Electrical																												
2.3.1 Ignition Sysytem																									=====			
2.3.2 Starting System																									=====			
2.3.3 Charging System																									=====			
2.3.4 Body Electrical 2																									=====			
2.3.5 Heater & Air Conditioning System																									=====			
2.4 Maintenance																												

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Calendar Year (Saudi Fiscal Year)	2001												2002												2003			
Japanese Fiscal Year	JFY 2001												JFY 2002															
	00	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
		Signing of R/D												SJAHi Open														
Terms of Cooperation		▼																										
2.4.1 Maintenance 4																												
2.5 Technical Knowledge																												
2.5.1 Fundamentals-Electricity 2																												
2.6 Confirmation of Target Skills																												
2.7 Latest system																												
2.8 Law & Regulation																												
2.9 Review Study																												
II. Junior Instructor Training																												
1. Mastering Curriculum																												
1.1 Lesson Planning																												
1.2 Preparation of Worksheets																												
2. Mastering Effective Instruction Method																												
2.1 Role Playing																												
2.2 Experience of Actual Classrooms																												
3. Making Graduation Standard																												
3.1 Examination Test																												
3.2 Grading Method																												
4. Study of Special Technology and New Technology of Each Company																												
5. Observation of Factories and Schools																												
6. Feed Back Report																												
III. Instructor rotation planning																												
IV. Curriculum final adjustment																												
V. Monitoring and Feedback																												

Note: — — — denotes technology transfer to take place in Japan.


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Annex 15 Annual Tentative Schedule of Implementation (ATSI)

Calendar Year (Saudi Arabia Fiscal Year)	2001												2002												2003		
Japanese Fiscal Year	JFY 2001												JFY 2002														
	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
	Signing of R/D												SJAHI Open														
Terms of Cooperation	▼												▼														
<b>Japanese Side</b>																											
i. Dispatch of Study Team																											
(1) Preliminary Study																											
(2) Preparatory Study																											
(3) Implementation Study																											
(4) Management Consultation																											
(5) Evaluation																											
II. Dispatch of Long-Term Experts																											
(1) Chief Advisor/Project Coordinator																											
(2) Curriculum Supervision																											
(3) Engine																											
(4) Chassis																											
(5) Electricity																											
III. Dispatch of Short-Term Experts																											
(1) Institute Operation																											
(2) Equipment Supervision																											
(3) Curriculum Development																											
IV. Training of Counterpart																											
(1) Administrative C/P																											
(2) Technical C/P 1st Batch																											
(3) Technical C/P 2nd Batch																											
V. Provision of Machinery and Equipment																											
<b>Saudi Arabian Side</b>																											
i. Building and Facilities																											
II. Machinery and Equipment																											
III. Allocation of Counterpart Personnel and Supporting Staff																											
IV. Allocation of Budget																											

Notes:

1. Japanese fiscal year starts in April and ends in March.
2. This schedule is subject to change in accordance with the progress of the Project.

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## List of Attendants

## 1. Japanese side

## (1) Preparatory Study Team

- Mr. Ryoji Noda           Assistant Director  
                                   Technical Cooperation Division  
                                   Economic Cooperation Bureau  
                                   Ministry of Foreign Affairs (MOFA)
- Mr. Tatsuo Yamashita    Technical Cooperation Planning  
                                   Trade Policy Chief Officer  
                                   Automobile Division  
                                   Manufacturing Industries Bureau  
                                   Ministry of Economy, Trade and Industry (METI)
- Mr. Kiyoshi Kakogi      Equipment Planning  
                                   Project General Manager  
                                   Government and Industrial Affairs Division  
                                   International Public Affairs Department  
                                   Toyota Motor Corporation
- Mr. Naoki Yamamoto     Equipment Planning  
                                   Assistant Manager  
                                   International Car Administration Office  
                                   Mitsubishi Motors Corporation
- Mr. Kenji Fukui         Technology Transfer Planning  
                                   Senior Staff  
                                   Mitsubishi Motors Technical Training Institute
- Mr. Takehisa Yamakawa   Technology Transfer Planning  
                                   International Department  
                                   Japan Automobile Manufacturers' Association, Inc. (JAMA)
- Mr. Takehiro Hozumi     Cooperation Management  
                                   Staff, First Technical Cooperation Division  
                                   Mining & Industrial Development Cooperation Department  
                                   Japan International Cooperation Agency (JICA)
- Mr. Shizuo Kamikura     Project Analysis

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Senior Planner  
Regional Planning International Co.,Ltd.

(2) Embassy of Japan in Saudi Arabia

Mr. Shotaro Oshima      Ambassador Extraordinary and Plenipotentiary  
Mr. Yoshimitsu Sasaki      Second Secretary

(3) Consulate General of Japan in Jeddah

Mr. Hajime Tanaki      Consul-General  
Mr. Hironao Matsutani      Consul

(4) JICA Saudi Arabia Office

Mr. Kuniaki Nagata      Resident Representative  
Mr. Yoshihisa Ishizaki      Assistant Resident Representative  
Mr. Wael G. Moh'd Abdullah      Program Manager

2. Saudi side

(1) GOTEVT

Dr. Ali N. Al-Ghafis      Vice Governor for Research and Development  
Dr. Saleh Al-Amr      Director General, Curriculum Department  
Mr. Abdullah S. Al-Humood      Director, Electronics Education Development Center

(2) SJAHI

Mr. Salim H. Al-Asmarei      Director

(3) JADIK

Mr. Faisal O. Abdou Shousha      Director, Al Shamil  
Mr. Gamal Ahmed Mohamed Ali      Field Operation Manager, Al Shamil  
Mr. Hassan A. Al-Amoudi      Workshop Manager, Madinah Road Branch  
Alhamrani United Co.  
Dr. Nasir A. I. Al-Ansari      Management Consultant, Balubaid

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