

	IRAQI METEOROLOGICAL ORGANIZATION	
	<u>Requirrements of weather observation instruments</u>	
Code	Item Description	Qty
07-60-00001	1- Upper air observation automatic radio sond system	5
07-60-00002	complete with all options, spares, consumables for	
07-60-00003	3 years operation, installation and training .	
07-60-00004		
07-60-00005	2- Meteorological Balloon, Weight 10 gm. 50gm, 100gm	qty
07-60-00006	150 gm, 200 gm, 300gm, 500gm, 750gm,10000gm,	
07-60-00007	(color-red, yellow).	
07-60-00008		
07-60-00009	3- Various surface meteorological instrument with acc-	lot
07-60-00010	essories, spares and consumables including install-	
07-60-00011	ation and training.	
07-60-00012		
07-60-00013	4- Agrometerological automatic observation station,	5
07-60-00014	comprising all meteorological sensors, data logger	
07-60-00015	Pcbased pentium type IBM compatible, 12 V DC	
07-60-00016	battery operation with Solar oanel for battery char-	
07-60-00017	ging .	
07-60-00018		
07-60-00019		
07-60-00020	5- Marine automatic meteorological station including all	4
07-60-00021	measuring sensors and data handling hard and soft-	
07-60-00022	ware.	
07-60-00023		
07-60-00024		
07-60-00025	6- A complete runway automatic weather observation	1
07-60-00026	station for int. airport of category CAT III A.Dual run-	

07-60-00027	way complete with spare parts, installation and trai-	
07-60-00028	ning.	
07-60-00029		
07-60-00030	7- A complete runway automatic weather observation	2
07-60-00031	station for int. airport of category CAT II A. complete	
07-60-00032	with spare parts, installation and training.	
07-60-00033		
07-60-00034		
07-60-00035	8- Weather rader system, comprising a computer,color	2
07-60-00036	monitor and all necessary accessories spare parts	
07-60-00037	complete with installation and training.	
07-60-00038		
07-60-00039	9- Complete meteorological Satellite Receving stations	5
07-60-00040	comprising the following main features:	
07-60-00041	- PDUS/ HRIT, MDD, SADIS, HRPT and MSG(Meteosat	
07-60-00042	second generation station) and the coming European	
07-60-00043	Polar Orbiting Satellite.	
07-60-00044	- Work terminals in addition to the server terminal.	
07-60-00045	- Connection to GTS and AFTN net works.	
07-60-00046	- Laser jet printers, A3 size and A4 size.	
07-60-00047	Key Unit and other services charges for two years	
07-60-00048	transmission to be paid to ((Eumetsat)) or any other	
07-60-00049	satellite owner.	
07-60-00051	10. Wind tunnel for calibrating wind instruments with	1
07-60-00052	accessories consumables and spares.	
07-60-00053		
07-60-00054	11. Wireless, Two way, fast speed data link, 10-20 Km	2
07-60-00055	ranges complete with spares.	
07-60-00056		
07-60-00057		

07-60-00058	IRAQI METEROLOGICAL ORGANIZATION	
07-60-00059	<u>Requirrements of weather observation instruments</u>	
07-60-00060		
07-60-00061	Description	Qty
07-60-00062		
07-60-00063		
07-60-00064	12. Miscellaneous Mechanical, Electrical, and Electronic	lot
07-60-00065	measuring and test instruments.	
07-60-00066		
07-60-00067	13. Seismological observation system with consumables	10
07-60-00068	spares and training.	
07-60-00069		
07-60-00070	14. HF/SSB Radiotelephone, 500 W PEP, base station, 2-15	2 sets
07-60-00071	MHz, USB, 6 channels, simplex comprising 6 monitoring	
07-60-00072	receivers (one for each channel).220 V Ac, 50 Hz main	
07-60-00073	operation, one of them is a stand by C/w. Spare parts,	
07-60-00074	plus a suitable bidirectional Antenna , 100-600 Km.	
07-60-00075		
07-60-00076	15. HF antenna for item 16, (100-600) Km range c/w pole	70
07-60-00077	masts and installation materials.	
07-60-00078		
07-60-00079	16. HF/SSB Radiotelephone 2-15 MHz, 150 W PEP 12 VDC-	70
07-60-00080	battery operation c/w 10 AMP. Battery charger(ordinary	
07-60-00081	and spares.	
07-60-00082		
07-60-00083	17. Electric gasoline driven generator , 3 KVA, 220 V AC 50hZ	100
07-60-00084	with spares.	
07-60-00085		
07-60-00086	18. Electrolytic hydrogen generator of 3 m/hr	5
07-60-00087	production rate c/w spares, installation materials and	
07-60-00088	consumables for 5 years.	

07-60-00089		
07-60-00090	19. Calibration equipment for temperature ,relative	5
07-60-00091	humidity, pressure measuring, rain gauge and	
07-60-00092	recording instruments.	
07-60-00093	20. Supply, installation and commissioning of	
07-60-00094	meteorological message switching system (MMSS)	3
07-60-00095	comprising the following main feature:	
07-60-00096	-Connection with the WMO GTS and AFTN net	
07-60-00097	works.	
07-60-00098	- Conforms to WMO recommendation standards and	
07-60-00099	ICAO regulations.	
07-60-00100	- Connection to SADIS, MDD, PDUS and HARPT satellite	
07-60-00101	receiving station including suitable software.	
07-60-00102	- Dual system in live and hot standby station.	
07-60-00103	- Ten user terminals, including all peripherals i.e.Modems ,	
07-60-00104	Plotters, Printers, Scanners, UPS ...etc.	
07-60-00105		
07-60-00106	21. Miscellaneous office equipment's (photocopiers PC	lot
07-60-00107	with Peripherals...etc.	
07-60-00108		
07-60-00109	22. 220 V Stabilizers, and UPS s 102 and 5 KVA.	100
07-60-00110		
07-60-00111	23 . Spare parts for central air-conditioning system (4 Air cooled water chillers, out door installation 208 Kw per unit) .	