

IRAQI METEOROLOGICAL ORGANIZATION  
Requirements of weather observation Instruments

CODE	Item Description	Qty
07-55-00001	1. Upper air observation automatic radio sonde system complete with all options, spares ,consumables for 3 years operation, installation and training.	5
07-55-00002	2 .Meteorological Balloons, Weight 10 gm, 50 gm, 100gm, 150gm, 200gm, 300 gm, 500 gm, 750 gm, 1000 gm (color-red, yellow).	qty
07-55-00003	3. Various surface meteorological instruments Including accessories , spares and consumables	lot
07-55-00004	4. Agrometeorological automatic observation Station , comprising all meteorological sensors, Data logger, PC based Pentium type IBM Compatible, 12 VDC battery operation with Solar panels for battery charging.	5
07-55-00005	5. Marine automatic meteorological station Including all measuring sensors and data Handling hard and software.	4
07-55-00006	6. A complete runway automatic weather Observation station for Int. airports of category CAT III A. dual runway complete with spare parts, installation and training.	2
07-55-00007	7. Weather radar system, comprising a computer, color monitors and all necessary accessories spare parts complete with installation and training.	2
07-55-00008	8. Complete meteorological Satellite Receiving Stations comprising the following main features: -PDUS/HRIT, MDD, SADIS, HRPT and MSG (Meteosat second generation ) and the coming European Polar Orbiting Satellite. -Work terminals in addition to the server terminal. - Connection to GTS and AFTN net works. - Laser jet printers, A3 size and A4 size. - Key unit and other services charges for tow years transmission to be paid to ((Eumetsat)) or any other satellite owner.	5
07-55-00009	9. Wind tunnel for calibrating wind instruments With accessories consumables and spares.	1

07-55-00010	10. Wireless , Two way , fast speed data link ,10-20 Km ranges complete with spares.	2
07-55-00011	11. Miscellaneous Mechanical, Electrical, and Electronic measuring and test instruments.	lot
07-55-00012	12. Seismological Observation Systems with Consumables spares and training.	5
07-55-00013	13. HF/SSB Radiotelephone, 500 W PEP , base station, 2 -15 MHz USB, 6 channels, simplex comprising 6 monitoring receivers (one for each channel ). 220 V AC, 50 HZ mains operation, C/W. spare parts, antenna I / P	2 sets
07-55-00014	14 HF antenna, 100- 600 km range c/w pole masts And installation materials.	50
07-55-00015	15. HF/ SSB Radiotelephone 2-15 MHz ,150W PEP 12VDC-battery operation c/w 10 AMP. Battery charger (ordinary type) and spares.	50
07-55-00016	16. Electric gasoline driven generator, 3KVA, 220VAC, 50HZ with spares.	100
07-55-00017	17. Electrolytic hydrogen generator of, 3 m/hr production rate c/w spares, installation materials and consumables for 5 years.	2
07-55-00018	18. Calibration equipment for temperature, relative humidity and pressure measuring and recording instruments.	2 sets
07-55-00019	19. Supply, installation and commissioning of meteorological message switching system (MMSS) comprising the following main features: - Connection with the WMO GTS and AFTN net - works. - Conforms to WMO recommendation standards and ICAO regulations. - Connection to SADIS, MDD, PDUS and HRPT satellite receiving station including Suitable software. - Dual system in liveand hot standby station. - Ten user terminals, including all peripherals i.e. Modems, Plotters, Printers, Scanners, UPS...etc. - Complete spars and consumables for 3years trouble free operation.	3
07-55-00020	20. Miscellaneous office equipment's (Photocopiers PC with peripherals ...etc).	lot
07-55-00021	21. 220 V stabilizers , and UPS s 1,2 and 5 KVA	100