BAHAGIAN F2
SENARAI KUANTITI

PERKHIDMATAN MEMASANG SENSOR KUALITI UDARA DAN SENSOR KUALITI AIR TERMASUK PENYEDIAAN PERISIAN DAN RANGKAIAN SERTA LATIHAN PENGOPERASIAN DAN KERJA-KERJA LAIN YANG BERKAITAN DI KAWASAN PENTADBIRAN MAJLIS BANDARAYA ISKANDAR PUTERI.

RINGKASAN SENARAI KUANTITI

BIL.	BAHAGIAN	MUKA SURAT	JUMLAH (RM)
1	**KERJA PERMULAAN (PRELIMINARIES)**	F2/2	
2	**BEKALAN DAN PEMASANGAN**	F2/3	
JUMLAH KESELURUHAN			

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
A	KERJA PERMULAAN (PRELIMINARIES) Sejumlah wang bagi kerja-kerja permulaan termasuk pematuhan kepada syarat-syarat sebutharga dan perkara berikut :-				
A.1	POLISI INSURAN 'CONTRAKTOR'S ALL RISK'	PUKAL	-		
A.2	POLISI INSURAN 'WORKMEN'S COMPENSATION'	PUKAL	-		
A.3	MENGEMUKAKAN SAMPEL PEKAKASAN ATAU KATALOG PEKAKASAN YANG TERLIBAT	PUKAL	-		
A.4	MENYEDIAKAN GAMBAR FOTO PERLAKSANAAN KERJA SEBELUM, SEMASA DAN SELEPAS SIAP KERJA DAN DIBUKUKAN UNTUK SETIAP KERJA YANG DIJALANKAN DI TAPAK KERJA DALAM BENTUK "HARD COPY" (2 SALINAN) DAN "SOFT COPY" (1 SALINAN)	PUKAL	-		
JUMLAH KESELURUHAN (BIL A)					

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
B	BEKALAN DAN PEMASANGAN				
B.1	MEMBEKAL & MEMASANG SENSOR KUALITI UDARA DAN SENSOR KUALITI AIR TERMASUK PENYEDIAAN PERISIAN DAN RANGKAIAN SERTA PENDAWAIAN DAN ALAT ELEKTRONIK MERUJUK LOKASI YANG DILULUSKAN OLEH PEGAWAI PENGUASA SEPERTIMANA BERIKUT:				
B.1.1	MEMBEKAL DAN MEMASANG SERTA KERJA-KERJA PENDAWAIAN BAGI SISTEM SENSOR KUALITI UDARA SPESIFIKASI SEPERTI BERIKUT : A) POLLUDRONE – CUSTOM INCLUDES: WARRANTY: 1 YEARS - PM1, PM2.5, PM10, PM 100 - NO2 - NITROGEN DIOXIDE - O3 GROUND LEVEL OZONE - CO - CARBON MONOXIDE - CO2 – CARBON DIOXIDE - TEMPERATURE, HUMIDITY AND PRESSURE - WIND SPEED AND WIND DIRECTION - RAIN GAUGE B) ENVIZOM BASIC PLAN: - OVERVIEW, DASHBOARD, DEVICE MANAGEMENT, USER MANAGEMENT, PROJECTS C) MOBILIZATION AND DEMOBILIZATION - INSTALLATION OF POLLUDRONE - SIM CARD PLAN FOR 3 YEARS D) WARRANTY FOR 2 YEARS – POLLUDRONE - ANY MAINTENANCE DUE TO MANUFACTURING DEFECTS IS COVERED UNDER WARRANTY - SENSOR REPLACEMENT (WITHIN 1 YEAR) - ANY OTHER PART REPLACEMENT DUE TO MANUFACTURING DEFECTS OR LIFECYCLE EXPIRATION	PUKAL	1		
B.1.1.1	ENVIZOM - ANNUAL PLAN WITH API (3 YEARS) OVERVIEW, DASHBOARD, DEVICE MANAGEMENT, USER MANAGEMENT, PROJECTS AND ALERTS NOTIFICATIONS	NOS	3		
B.1.2	MEMBEKAL DAN MEMASANG SERTA KERJA-KERJA PENDAWAIAN BAGI SISTEM SENSOR KUALITI AIR SPESIFIKASI SEPERTI BERIKUT :				
B.1.2.1	JENAMA: PROSONDE ORIGIN: UNITED KINGDOM WARRANTY: 2 YEARS (24 MONTHS) PROSONDE® WITH MODBUS (USB), SDI-12, USB AND RS232 OUTPUTS. SMART WIPER. 22MM SENSORS: TURBIDITY, TRYPTOPHAN, CDOM, 2 BLANKS (22MM). 12MM SENSORS: PH (INCL REF), DO, NO DEPTH SENSOR, 4 BLANKS (12MM). CALIBRATIONS: BOD, COD, TAN, TSS - CABLE: 10 METER - DOCUMENT: PRODUCTION CALIBRATION, INSTRUMENT AND CONFORMITY CERTIFICATE	PUKAL	1		
B.1.2.2	SOFTWARE FOR WATER QUALITY - DAILY: DAILY REPORTS WILL INCLUDE ALL DATA RECEIVEDBY THE SYSTEM PER STATION. - MONTHLY: MONTHLY REPORTS WILL INCLUDE SUMMARYDATA PER STATION. USERS WILL BE ABLE TO SEE THE PARAMETER TREND FOR THE MONTH THROUGH THE SYSTEM. - ANNUAL: ANNUAL REPORTS SHALL SUMMARIZE ALL THE DATA FROM STATIONS AVERAGING PERIODS. THE GENERATED DATA CAN BE TABULATED TO SHOW THE STATION'S ANNUAL PERFORMANCE **3G & 4GMODEM FTP/SMS** - DEVELOPMENT /DASHBOARD - DATA TRANSMISSION MODULE - WEB SYSTEM REPORT, MAP, ALERT AND ADMINISTRATION - DATABASE MANAGEMENT - ALERT AND NOTIFICATION ENGINES	PUKAL	1		
B.2	MENGFIGURASI, MEMASANG, MENGUJI DAN MENTAULIAH SISTEM LENGKAP TERMASUK TENAGA KERJA, STRUKTUR PEMASANGAN MULTIPARAMETER SONDE, SISTEM PERLINDUNGAN LONJAKAN, PENDAWAIAN ELEKTRIK, PEMBUMIAN, PANEL SOLAR, PENGAWAL SELIA DAN BATERI SERTA PENYEDIAAN DOKUMENTASI, REKABENTUK DAN LUKISAN, SEHINGGA BERFUNGSI DENGAN SEMPURNA DAN MENDAPAT KELULUSAN PEGAWAI PENGUASA (PP) SERTA MENYEDIAKAN LATIHAN KURSUS (ONSITE) DAN KONFUGURASI SEMUA SISTEM DIGUNAKAN KEPADA PEGAWAI MBIP.	PUKAL	1		
JUMLAH KESELURUHAN (BIL B)					