BAHAGIAN F2
SENARAI KUANTITI

PERKHIDMATAN PENYELENGGARAAN SISTEM KAMERA LITAR TERTUTUP (CCTV) DI BANGUNAN MILIK MAJLIS BANDARAYA ISKANDAR PUTERI BAGI TEMPOH 24 BULAN

Catatan

Catatan :

1. **Pembekal adalah dinasihatkan supaya melawat dan meninjau tapak bina sebelum memasuki tawaran sebutharga.Sebarang butiran yang tidak diperhargakan adalah dianggap telah dimasukkan kedalam butiran lain dan haruslah dilaksanakan.**
2. **Harga adalah termasuk kerja-kerja pengawalan lalulintas semasa pembinaan dijalankan.**
3. **sebarang item yang tidak dinyatakan dalam ringkasan sebutharga ini tetapi dikehendaki dalam spesifikasi dan skop kerja , hendaklah dimasukkan ke dalam salah satu butiran dalam ringkasan sebutharga.**
4. **Kontraktor harus menghargakan sesuatu sebutharga sepenuhnya mengikut lukisan terperinci atau lampiran yang disediakan dengan merujuk kepada spesifikasi/huraian kerja dalam ringkasan sebutharga.**

RINGKASAN SENARAI KUANTITI

BIL.	BAHAGIAN	MUKA SURAT	JUMLAH (RM)
1	**KERJA-KERJA AWALAN (PRELIMINARIES)**	F2/2	
2	**KAMERA LITAR TERTUTUP (CCTV) DVR 16 CH**	F2/3	
3	**KAMERA LITAR TERTUTUP (CCTV) DVR 8 CH**	F2/4	
4	**WANG PERUNTUKAN SEMENTARA (ALAT GANTI)**	F2/5	
5	**SCOPE OF WORK FOR CCTV**	F2/6	
JUMLAH KESELURUHAN			

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
A	KERJA-KERJA AWALAN (PRELIMINARIES)				
A.1	SEJUMLAH WANG BAGI KERJA-KERJA PERMULAAN TERMASUK PEMATUHAN KEPADA SYARAT-SYARAT SEBUTHARGA DAN PERKARA-PERKARA BERIKUT:-				
A.2	MENYEDIAKAN POLISI TANGGUNGAN AWAM DAN POLISI INSURANS KERJA (ALL RISKS) ; DAN	PUKAL	-		
A.3	MENYEDIAKAN POLISI INSURANS PEKERJA (WORKMEN'S COMPENSATION).	PUKAL	-		
A.4	MENYEDIAKAN GAMBAR FOTO PERLAKSANAAN KERJA, 2 SALINAN (SEBELUM, SEMASA, SELEPAS) PROJEK DALAM BENTUK 'HARD COPY' DAN 1 SALINAN 'SOFT COPY' DALAM BENTUK PENDRIVE'.	KALI	24		
A.5	MENYEDIAKAN DAN MELETAKKAN PAPAN TANDA AMARAN KESELAMATAN DENGAN BILANGAN YANG SECUKUPNYA SEPERTI (AWAS, KERJA-KERJA MBIP SEDANG DILAKSANAKAN, KON-KON KESELAMATAN DLL) DI TAPAK BINA SEMASA KERJA SEDANG DIJALANKAN (SETIAP TUNTUTAN)	PUKAL	24		
A.6	MEMBEKAL DAN MEMASANG PAPAN TANDA PIAWAI PROJEK TERMASUK PENYELENGGARAANNYA DENGAN SAIZ DAN BUTIRAN YANG DILULUSKAN OLEH PEGAWAI PENGUASA ATAU WAKILNYA SEBAGAIMANA PERINCIAN LUKISAN.	PUKAL	-		
JUMLAH KESELURUHAN (BIL A)					

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
B	KAMERA LITAR TERTUTUP (CCTV) DVR 16 CH				
B.1	SERVICE AND PREVENTIVE MAINTENANCE CAMERA CLOSED-CIRCUIT TELEVISION (CCTV) SYSTEMS, CAMERA CLEANING, CHECK CONNECTION CONTINUITY, VIEW ANGLE ADJUSTMENT, CAMERA LENS FOCUS AND RESPOND TO ANY ABNORMALITIES TO REDUCE DOWN TIME AND REPAIR COST. LOKASI : DEPOH PENGUATKUASA TAMAN IMPIAN EMAS DEPOH PENGUATKUASA TAMAN DAMAI JAYA TO PROVIDE COMPETENT PERSIN AND HIGH SKILLED MANPOWER,TOOLS AND TRANSPORTATTION WITH SAFETY EQUIPMENT(PPE) FOR THE SERVICE FOR ANY RESPOND FROM THE SYSTEM AUTO GENERATE REPORTING AND IMMEDIATE COMMUNICATE WITH THE PERSON IN CHARGE	BULAN	24		
JUMLAH KESELURUHAN (BIL B)					

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
C	KAMERA LITAR TERTUTUP (CCTV) DVR 8 CH				
C.1	SERVICE AND PREVENTIVE MAINTENANCE CAMERA CLOSED-CIRCUIT TELEVISION (CCTV) SYSTEMS, CAMERA CLEANING, CHECK CONNECTION CONTINUITY, VIEW ANGLE ADJUSTMENT, CAMERA LENS FOCUS AND RESPOND TO ANY ABNORMALITIES TO REDUCE DOWN TIME AND REPAIR COST. LOKASI : PEJABAT CAWANGAN TAMAN PERLING PUSAT REKREASI DAN KOMUNITI TUTA DEPOH SIMPANAN KENDERAAN MBIP,SKUDAI TO PROVIDE COMPETENT PERSON AND HIGH SKILLED MANPOWER,TOOLS AND TRANSPORTATION WITH SAFETY EQUIPMENT(PPE) FOR THE SERVICE FOR ANY RESPOND FROM THE SYSTEM AUTO GENERATE REPORTING AND IMMEDIATE COMMUNICATE WITH THE PERSON IN CHARGE	BULAN	24		
JUMLAH KESELURUHAN (BIL C)					

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
D	WANG PERUNTUKAN SEMENTARA (ALAT GANTI)				
D.1	SEJUMLAH WANG PERUNTUKAN SEMENTARA RM 50,000.00 UNTUK KERJA-KERJA ALAT GANTI YANG AKAN DIBELANJAKAN SEBAHAGIAN DARIPADANYA ATAU SEPENUHNYA.	PUKAL	-		50,000.00
JUMLAH KESELURUHAN (BIL D)					

BIL.	KETERANGAN	UNIT	KUANTITI	KADAR (RM)	AMAUN (RM)
E	SCOPE OF WORK FOR CCTV				
E.1	CLOSED CIRCUIT TELEVISION SYSTEM (CCTV) THE PREVENTIVE MAINTENANCE SCHEDULE HEREIN IS THE INDICATIVE MINIMUM REQUIREMENT. THE CONTRACTOR SHALL ASCERTAIN THE ACTUAL REQUIREMENT FOLLOW THE EQUIPMENT MANUFACTURER. THE CONTRACTOR SHALL MONITOR THE CONDITION OL THE SYSTEM AND RESPOND TO ANY COMPLAINT WITH REGARDS DAILY OPERATION.				
E.1.1	ENSURE THAT THE NETWORK SWITCH, RECORDING CONSOLE, FIBRE RECEIVER/ TRANSMITTER AND EQUIPMENT RACK IN GOOD CONDITION, HAS PROPER VENTILATION AND ENSURE POWER SUPPLIES ARE SECURED.				
E.1.2	CHECK AND ENSURE NO LOOSE CONNECTIONS AT DATA CABLE TERMINATIONS OR CONNECTORS (AT CONTROL ROOM END).				
E.1.3	ENSURE ALL EXTERNAL CCTV SERVICE BOX AND ITS ASSOCIATED EQUIPMENTS ARE IN GOOD WORKING CONDITION.				
E.1.4	CHECK POWER SUPPLY AND DATA/ VIDEO CABLE CONNECTION TO EXTERNAL CAMERA ARE SECURED.				
E.1.5	CHECK THAT ALL CAMERA ARE IN GOOD OPERATIONAL CONDITION BY VIEWING THE DISPLAY SCREEN. VERIFY OPERATION OF CAMERA SUCH AS PAN, TILT AND ZOOM.				
E.1.6	CLEAN DOMES, LENSES & HOUSING WINDOWS AND INTERIOR OF CAMERA HOUSINGS.				
E.1.7	ENSURE THAT THE RECORDING EQUIPMENT SYSTEM IS FUNCTIONING PROPERLY.				
E.1.8	REVIEW THE MANAGEMENT SOFTWARE FOR ANY SIGN OF LACKING, VERIFY SYSTEM INTEGRITY AND UPDATE IF NECESSARY				
JUMLAH KESELURUHAN (BIL E)					