CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

REKABENTUK TERKINI (ADDITION) **APPENDIX B**

SUMMARY

TEMPAT LETAK KERETA BERBUMBUNG

ELEMENT	DESCRIPTIONS	FROM PAGE	AMOUNT (RM)
A	WORK BELOW LOWEST FLOOR FINISH	K.P.K / 4B / 3	3,180.10
B	STEEL COLUMN & ROOFING WORKS	K.P.K / 4B / 6	21,613.70
	TOTAL AMOUNT OF BUILDING WORK CARRIED TO BUILDING SUMMARY		**24,793.80**

CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

REKABENTUK TERKINI (ADDITION)

ELEMENT A - WORKS BELOW LOWEST FLOOR FINISH

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	PREAMBLES FOR EXCAVATION Excavation below ground water level has not been measured in accordance to clause D.15 and D.16 of the SMM of Building Works Second Edition. The excavation rate shall include for keeping all excavations free from all water (including storm, percolating, spring, running water and water below the Water Table Level and the Contractor is to ascertain for himself the water levels as no claims will be entertained on the grounds that these levels are not known) by pumping, baling and other means including formation of temporary drainage. EXCAVATION AS SPECIFIED IRRESPECTIVE OF MACHINE OR HAND EXCAVATION COMMENCING FROM FORMATION LEVEL AND GET OUT, PART RETURN FILL IN AND RAM AND DEPOSIT AND SPREAD IN MAKING UP LEVELS WHERE DIRECTED WITHIN THE SITE AND REMAINDER LOAD AND CART AWAY.				
A	Excavate pit for pad footings maximum depth not exceeding 1200mm	M3	8	15.00	120.00
	LEAN CONCRETE GRADE 15 (Specified Standard Mix); UNIFORMED SURFACES CLASS U1 FINISH; as specified				
B	Bed of blinding screed 50mm thick laid on earth to receive pad footings	M3	0.3	294.00	88.20
	VIBRATED REINFORCED CONCRETE GRADE 30 (Specified Standard Mix); UNIFORMED SURFACES CLASS U1 FINISH; as specified :-				
C	Pad Footings	M3	1.5	443.00	664.50
D	Column stump (Provisional)	M3	1.0	443.00	443.00
	TO COLLECTION				**1,315.70**

CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

REKABENTUK TERKINI (ADDITION)

ELEMENT A - WORKS BELOW LOWEST FLOOR FINISH

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	HIGH TENSILE ROD REINFORCEMENT TO BS 4449 as specified :-				
	Pad Footings				
A	12 mm Diameter as main bar	Kg	107	4.40	470.80
	Column stump (Provisional)				
B	12 mm Diameter as main bar	Kg	86	4.40	378.40
	MILD TENSILE ROD REINFORCEMENT TO BS 4449 as specified :-				
	Column stump (Provisional)				
C	8 mm Diameter as stirrup	Kg	58	4.40	255.20
	CLASS F1 FORMWORK as specified :-				
D	Sides of pad footings	M2	8	38.00	304.00
E	Sides of column stump (Provisional)	M2	12	38.00	456.00
	TO COLLECTION				**1,864.40**

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REKABENTUK TERKINI (ADDITION)

ELEMENT A - WORKS BELOW LOWEST FLOOR FINISH

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	COLLECTION				
	From Page No. K.P.K / 4B / 1……..				1,315.70
	From Page No. K.P.K / 4B / 2……..				1,864.40
	TOTAL CARRIED TO SUMMARY				**3,180.10**

CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

REKABENTUK ASAL (OMMISION)

ELEMENT B - STEEL COLUMN & ROOFING WORKS

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	STEEL COLUMN FABRICATE, DELIVER TO SITE AND INSTALL STEEL COLUMN INCLUDING ALL NECESSARY BOLTS AND NUTS, CUT, SCREW, WELDED AND FRAME TOGETHER INCLUDING LABOUR, MATERIAL, APPLIANCES ALL AS SHOWN AND DESCRIBED IN ENGINEER'S DETAILS				
A	120mm x 120mm x 4mm Thk. SHS Welded	Kg	306	8.70	2,662.20
B	160mm x 80mm x 4mm Thk. RHS Welded	Kg	545	8.70	4,741.50
C	60.3mm x 3mm Thk. CHS Welded	Kg	42	8.70	365.40
D	160mm x 80mm x 4mm Thk. RHS Welded	Kg	443	8.70	3,854.10
E	10mm dia. G.I Anti-Sag Rod	Nos	12	4.00	48.00
F	350mm x 300mm x 12mm thk. M.s Base Plate	Kg	59	8.70	513.30
G	150mm x 150mm x 8mm thk. M.s End Plate	Kg	9	8.70	78.30
H	J' Bolt Embedded into R.C Stump	Nos	24	4.70	112.90
	PAINTING WORKS to STEEL COLUMN				
I	120mm x 120mm x 4mm Thk. SHS Welded	M2	10	16.00	160.00
J	160mm x 80mm x 4mm Thk. RHS Welded	M2	18	16.00	288.00
K	60.3mm x 3mm Thk. CHS Welded	M2	1	16.00	16.00
L	160mm x 80mm x 4mm Thk. RHS Welded	M2	14	16.00	224.00
	TO COLLECTION				**13,063.70**

CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT, SABAH

REKABENTUK ASAL (OMMISION)

ELEMENT B - STEEL COLUMN & ROOFING WORKS

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	ROOF TRUSSES FABRICATE, DELIVER TO SITE AND INSTALL STEEL ROOF TRUSSES SYSTEM INCLUDING RAFTERS, WALL PLATES, TIES, STRUTS, PLATE, BOLTS, INCLUDING ALL NECESSARY BOLTS AND NUTS, CUT, SCREW, WELDED AND FRAME TOGETHER INCLUDING LABOUR, MATERIAL, PAINTING, APPLIANCES ALL AS SHOWN AND DESCRIBED IN ENGINEER'S DETAILS				
A	100mm x 50mm steel 'C' Channel Purlin at 600mm c/c	M	105	20.00	2,100.00
	ROOF COVERING SUPPLY AND INSTALL METAL DECK ROOF AND ALL IN STRICT COMPLIANCE WITH THE MANUFACTURER'S SPECFICATION AND RECOMMEDATIONS (MEASURED NETT AND NO ALLOWANCE MADE FOR LAPS)				
B	Laid and fix to fall. (5 Degree)	M2	86	75.00	6,450.00
	TOTAL CARRIED TO SUMMARY				**8,550.00**

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REKABENTUK ASAL (OMMISION)

ELEMENT B - STEEL COLUMN & ROOFING WORKS

ITEM	DESCRIPTIONS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	COLLECTION				
	From Page No. K.P.K / 4B / 4……..				13,063.70
	From Page No. K.P.K / 4A / 5……..				8,550.00
	TOTAL CARRIED TO SUMMARY				**21,613.70**