KEMENTERIAN KESEJAHTERAAN BANDAR, PERUMAHAN DAN KERAJAAN TEMPATAN

PRELIMINARY DETAILED ABSTRACT FOR : BALAI BOMBA DAN PENYELAMAT, BEAUFORT, SABAH

HEAD	SUBHEAD	YEAR			
			TOTAL PROVISION:	RM	8,995,757.42
		2016	PROVISION FOR CONSTRUCTION : (Not Including 6% GST)	RM	6,598,072.00

BRIEF DESCRIPTION OF BUILDINGS

	BUILDING	Frame	Wall	Roof	Floor	Ceiling	Window	Standard
(a)	Balai Bomba	RC	BK/GWT	GMT	CA/HT	OGB	AL	NORMAL

	BREAKDOWN OF PRELIMINARY COST ESTIMATE	Drawing No.	Floor Area (M2)	Cost/M2	COST (RM)
1	**PRELIMINARIES (5% of Item 2 - 6)**				**314,200.00**
2	**PILING WORKS (Allowance)**				**250,000.00**
3	**BUILDING**				**1,653,600.00**
(a)	Balai Bomba		757	1,750.00	1,324,750.00
(b)	Stor Logistik		63	1,450.00	91,350.00
(c)	Menara Latihan		125	1,900.00	237,500.00
					-
		TOTAL:	945	1,749.84	
4	**MECHANICAL & ELECTRICAL SERVICES**				**1,665,000.00**
(a)					
(i)	**MECHANICAL SERVICES**				
(ii)	Air Conditioning and Mechanical Ventilation				100,000.00
(iii)	Fire Protection System				160,000.00
(iv)	Internal Cold Water Plumbing				150,000.00
(v)	Internal Sewerage and Water System				100,000.00
(b)					
(i)	**ELECTRICAL SERVICES**				
(ii)	External Low Tension Electrical Installations				
(iii)	Internal Low Tension Electrical Instalation (Distribution Systems, wiring & cabling, Lighting Installations fans, Power Points)				50,000.00
(iv)	External Lightning Installations				800,000.00
(v)	Lightning SUrge Protection Systems and Earthing System				50,000.00
(c)	25 kVA Portable Stanby Canopy Generator Set				50,000.00
(i)					40,000.00
(ii)	**ELV SERVICES**				
(iii)	Public Address System				
(iv)	Master Antenne TV System				30,000.00
(f)					5,000.00
(i)	**ELV SERVICES**				
(ii)	External Telecommunication Installation				40,000.00
(g)	Internal Telecommunication Installation				50,000.00
(i)	Networking Infrastructure for IT System				40,000.00
(ii)					
(iii)					

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5	**EXTERNAL WORKS**				**2,345,272.00**
(a)	Site Preparation and Earthworks				159,600.00
(b)	Road and Carparks				1,105,122.00
(c)	Primary Stormwater Drainage				577,750.00
(d)	Water Reticulation System				86,050.00
(e)	Primary Soil Drainage and Septic Tanks				127,000.00
(f)	Fencing And Gates				159,750.00
(g)	Ancillary Buildings (Pump House, Covered Carparks And Flag Poles)				110,000.00
(h)	Turfing				20,000.00
6	**PROVISIONAL SUMS**				**370,000.00**
(a)	Fixed Furniture				200,000.00
(b)	Loose Furniture				100,000.00
(c)	Landscape				20,000.00
(d)	Signages				50,000.00
7	**TOTAL COST (1 to 6)**				**6,598,072.00**
8	**CONTRIBUTION FEE TO LOCAL & UTILITY AUTHORITY**				**295,000.00**
(a)	SESB				200,000.00
(b)	JBA				15,000.00
(c)	TM Capital Contribution				80,000.00
9	**MISCELLANEOUS**				**30,000.00**
(a)	Advertisement				30,000.00
(b)	Soil Investigation				-
	Land Surveyor				-
	ALL IN UNIT RATES [of total Items 7 to 9]			Total [Items 7 to 9]	**6,923,072.00**
	Total Floor Area (M2):	945	Cost/M2: 7,326.00	6,923,072.00	
10	**SUPERVISION**				**691,970.54**
11	**PROFESSIONAL FEES (Inclusive Of GST)**				**1,380,714.87**
(a)	Architect				612,150.00
(b)	Civil & Structural Engineer				205,575.55
(c)	Mechanical & Electrical Engineer				93,263.04
(d)	Quantity Surveyor				168,117.06
(e)	Reimbursable Expenses (Travelling & Lithography)				301,609.22
	TOTAL COST OF PROJECT				**8,995,757.42**

Quantity Surveyor/ Estimating Officer	Timb. Setiausaha Bahagian (PP1) Bahagian Pembangunan dan Pelaksanaan Projek	Setiausaha Bahagian Bahagian Pembangunan dan Pelaksanaan Projek
Date :	Date :	Date :

PROJEK : BALAI BOMBA DAN PENYELAMAT, BEAUFORT, SABAH

Professional Fees (PDA 1)

CONSULTANT	PROFESSIONAL FEES (RM)	LITHOGRAPHY EXPENSES (RM)	SUPERVISION (RM)	SITE INVESTIGATION (RM)	SPECIAL SERVICES (RM)	TOTAL (RM)
Arkitek	477,500.00	69,770.00	160,675.20	-	100,000.00	807,945.20
add 6% Service Tax	28,650.00	4,186.20	9,640.51		6,000.00	48,476.71
Total	506,150.00	73,956.20	170,315.71	-	106,000.00	**856,421.91**
C & S	193,939.20	70,449.00	342,792.00	-	-	607,180.20
add 6% Service Tax	11,636.35	4,226.94	20,567.52	-	-	36,430.81
Total	205,575.55	74,675.94	363,359.52	-	-	**643,611.01**
M & E	87,984.00	75,370.00	149,335.20	-	-	312,689.20
add 6% Service Tax	5,279.04	4,522.20	8,960.11			18,761.35
Total	93,263.04	79,892.20	158,295.31	-	-	**331,450.55**
QS	158,601.00	68,948.00	-	-	-	227,549.00
add 6% Service Tax	9,516.06	4,136.88				13,652.94
Total	168,117.06	73,084.88	-	-	-	**241,201.94**
Total:	973,105.65	301,609.22	691,970.54	-	106,000.00	2,072,685.42

NOTE: ALL AMOUNT AS PER PERUNDING SST