

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3	<p>TELEPHONE EXCHANGE EQUIPMENT</p> <p>Automatic telephone exchange equipment</p> <p>Attendant cabinet</p> <p>Main distribution frame</p> <p>Telephone set 650 A1 (color type)</p> <p>Power equipment 60V - 20A charger</p> <p>50V - 130A Batteries</p> <p>Standard accessories and spare parts</p> <p>Installation materials</p> <p>Sub-Total:</p> <p>Transportation in site</p> <p>Miscellaneous cost of site</p> <p>Labor cost</p> <p>Packing cost for exportation</p> <p>Total:</p>	<p>Set</p> <p>"</p> <p>"</p> <p>"</p> <p>"</p> <p>Set</p> <p>"</p> <p>"</p> <p>"</p>	<p>1</p> <p>1</p> <p>1</p> <p>150</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p></p> <p></p> <p></p> <p>9,000</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>	<p>7,100,000</p> <p>270,000</p> <p>270,000</p> <p>1,350,000</p> <p>2,250,000</p> <p>200,000</p> <p>200,000</p> <p>11,640,000</p> <p>170,000</p> <p>232,000</p> <p>170,000</p> <p>850,000</p> <p>13,062,000</p>	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4	GENERAL OFFICE BUILDING					
4-1	Main line for power	Set	1		19,000	
4-2	Lighting fixture and socket outlet system	"	1		5,561,000	
4-3	Piping and wiring for telephone system	"	1		526,000	
4-4	Electric clock system	"	1		627,000	
4-5	Lightning conductor system	"	1		575,000	
	Total:				7,308,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-1	MAIN-LINE FOR POWER					
	600V IV wire	m	70	85	5,950	
	14° Conduit tube (39)	pcs	4	746	2,984	
	Accessories of tube	Set	1		746	
	Miscellaneous materials	"	1		194	
	Sub-Total:				9,874	
	Transportation in site	Set	1		148	
	Miscellaneous cost of site	"	1		991	
	Labor cost	"	1		7,000	
	Packing cost for exportation	"	1		987	
	Total:				19,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-2	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	6,500	14	91,000	
	Conduit tube (19)	pcs	377	337	127,049	
	" (25)	"	122	473	57,706	
	Accessories of tube	Set	1		46,189	
	Out-let box Medium size, shallow type	pcs	258	84	21,672	
	" Large size, deep type	"	42	235	9,870	
	Switch box for 1	"	38	140	5,320	
	Tumbler switch 1P-10A x 1 with plate	pcs	29	252	7,308	
	" 1P-10A x 2 "	"	1		335	
	" 1P-10A x 3 "	"	1		418	
	" 3W-10A "	"	2		624	
	" 3W-10A IP-10A "	"	2	395	790	
	Socket outlet 2P-15A x 2.E with plug and plate	"	68	577	39,236	
	" 2P-15A x 1.E with plug and plate	"	3	577	1,731	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Tumbler switch Pilot lamp x 1 LP-10A x 1 with plate	pcs	3	538	1,614	
	Ceiling fan with regulator	Sets	38	29,000	1,102,000	
	Bell 150φ	pcs	3	3,200	9,600	
	Distribution board LL-1	Set	1		420,000	
	" LL-2	"	1		315,000	
	" LL-3	"	1		315,000	
	Switch box MCB 2P 50AF/20AT	Set	1		22,000	
	Lighting fixture A41	Sets	55	6,050	332,750	
	" A42	"	103	9,540	982,620	
	" D41	"	5	6,030	30,150	
	" D61	"	2	2,300	4,600	
	Fixing materials	Set	1		65,200	
	Dehumidifier	"	1		55,000	
	Earthing materials	Set	1		60,522	
	Miscellaneous materials	"	1		81,906	
	Sub-Total:				4,177,210	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-3	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable 0.8 - 2C	m	735	8	5,880	
	Conduit tube (19)	pcs	104	337	35,048	
	Accessories of tube	Set	1		8,762	
	Outlet box Medium size, shallow type	pcs	2	84	168	
	" Large size deep type	"	39	235	9,165	
	Floor base	"	39	1,200	46,800	
	Low tension stud	"	39	860	33,540	
	Nozzle plate	"	2	170	340	
	Terminal board 100P + 10P 1S-1	Set	1		95,000	
	" 40P + 10P 1S-2	"	1		55,000	
	" 40P + 10P 1S-3	"	1		55,000	
	Miscellaneous materials	"	1		6,894	
	Sub-Total:				351,597	
	Transportation in site	Set	1		5,274	
	Miscellaneous cost of side	"	1		10,969	
	Labor cost	"	1		123,000	
	Packing cost for exportation	"	1		35,160	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Total:				526,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-4	ELECTRIC CLOCK SYSTEM					
	600W IV wire 1.2	m	190	8	1,520	
	Conduit tube (19)	pcs	25	337	8,425	
	Accessories of tube	set	1		2,106	
	Outlet box Medium size, shallow type	pcs	8	84	672	
	Master clock	set	1		236,000	
	Secondary clock a type	sets	7	6,400	44,800	
	Attendance time recorder	set	1		114,400	
	Card rack for 50 persons	set	25	4,500	112,500	
	Card Monthly payroll periods	pack	15	850	12,750	
	Miscellaneous materials	set	1		10,663	
	Sub-Total:				543,836	
	Transportation in site	set	1		8,158	
	Miscellaneous cost of site	"	1		11,937	
	Labor cost	"	1		25,000	
	Packing cost for exportation	"	1		38,069	
	Total:				627,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-5	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	166	244	40,504	
	Conduit tube (VE 22)	pcs	3	230	690	
	Accessories of tube	set	1		173	
	Conductor support	pcs	135	340	45,900	
	Plate for out of conductor	"	8	4,600	36,800	
	Terminal box	sets	4	13,200	52,800	
	Earthing plate	pcs	4	2,000	8,000	
	1st class earthing	spots	4	53,000	212,000	
	Miscellaneous materials	set	1		7,937	
	Sub-Total:				404,804	
	Transportation in site	set	1		6,072	
	Miscellaneous cost of site	"	1		11,644	
	Labor cost	"	1		112,000	
	Packing cost for exportation	"	1		40,480	
	Total:				575,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5	CLASSROOM & OFFICE BUILDING					
5-1	Main line for power	set	1		7,000	
5-2	Lighting fixture and socket out-let system	"	1		3,844,000	
5-3	Piping and wiring for telephone	"	1		155,000	
5-4	Electrical clock system	"	1		176,000	
5-5	Lightning conductor system	"	1		761,000	
	Total:				4,943,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-1	MAIN-LINE FOR POWER					
	600V IV wire 14°	m	22	85	1,870	
	Conduit tube (39)	pcs	2	746	1,492	
	Accessories of tube	set	1		373	
	Miscellaneous materials	"	1		75	
	Sub-Total:				3,810	
	Transportation in site	set	1		57	
	Miscellaneous cost of site	"	1		752	
	Labor cost	"	1		2,000	
	Packing cost for exportation	"	1		381	
	Total:				7,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-2	LIGHTING FIXTURE AND SOCKET SYSTEM					
	600V IV wire 2.0	m	4,500	14	63,000	
	Conduit tube (19)	pcs	276	337	93,012	
	" (25)	"	66	473	31,218	
	" (31)	"	5	619	3,095	
	Accessories of tube	set	1		31,831	
	Out let box Medium size, shallow type	pcs	153	84	12,852	
	" Large size, deep type	"	31	235	7,285	
	Switch box for 1	"	17	140	2,380	
	Tumbler switch 1P-10A x 1 with plate	pcs	17	252	4,284	
	Socket outlet 2P-15A x 2. E with plug and plate	"	39	577	22,503	
	Blind plate	"	1		145	
	Bell 150ø	"	2	3,200	6,400	
	Ceiling fan with regulator	sets	27	29,000	783,000	
Distribution board 2L-1	set	1		310,000		
" 2L-2	"	1		277,000		
Lighting fixture A41	sets	32	6,050	193,600		

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Lighting fixture A42	sets	81	9,540	772,740	
	" C41	"	4	7,900	31,600	
	Fixing materials	"	1		46,800	
	Dehumidifier	sets	2	55,000	110,000	
	Earthing materials	"	1		42,041	
	Miscellaneous materials	"	1		56,896	
	Sub-Total:				2,901,682	
	Transportation in site	set	1		43,525	
	Miscellaneous cost of site	"	1		75,675	
	Labor cost	"	1		620,000	
	Packing cost for exportation	"	1		203,118	
	Total:				3,844,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-3	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TLVF cable 0.8 - 2C	m	253	8	2,024	
	Conduit tube (19)	pcs	37	337	12,469	
	Accessories of tube	set	1		3,117	
	Outlet box Medium size, shallow type	cps	1		84	
	" Large size, deep type	"	11	235	2,585	
	Floor base	"	11	1,200	13,200	
	Low tension stud	"	11	860	9,460	
	Nozzle plate	"	1		170	
	Terminal board 40P + 10P 2S-1	set	1		55,000	
	Miscellaneous materials	"	1		1,962	
	Sub-Total:				100,071	
	Transportation in site	set	1		1,501	
	Miscellaneous cost of site	"	1		3,428	
	Labor cost	"	1		40,000	
	Packing cost for exportation	"	1		10,000	
	Total:				155,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-4	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	108	8	864	
	Conduit tube (19)	pcs	15	337	5,055	
	Accessories of tube	set	1		1,264	
	Outlet box Medium size shallow type	pcs	3	84	252	
	Secondary clock a type	sets	3	6,400	19,200	
	Attendance time recorder	"	1		114,400	
	Miscellaneous materials	"	1		2,821	
	Sub-Total:				143,856	
	Transportation in site	set	1		2,158	
	Miscellaneous cost of site	"	1		5,916	
	Labor cost	"	1		14,000	
	Packing cost for exportation	"	1		10,070	
	Total:				176,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-5	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	169	244	41,236	
	Conduit tube (VE22)	pcs	4	230	920	
	Accessories of tube	set	1		230	
	Conductor support	pcs	130	340	44,200	
	Plate for out of conductor	"	12	4,600	55,200	
	Terminal box	sets	6	13,200	79,200	
	Earthing plate	pcs	6	2,000	12,000	
	1st class earthing	spots	6	53,000	318,000	
	Miscellaneous materials	set	1		11,020	
	Sub-Total:				562,006	
	Transportation in site	sets	1		8,430	
	Miscellaneous cost of site	"	1		14,363	
	Labor cost	"	1		120,000	
	Packing cost for exportation	"	1		56,201	
	Total:				761,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6	DORMITORY					
6-1	Main line for power	set	1		267,000	
6-2	Power control system	"	1		523,000	
6-3	Lighting fixture and socket outlet system	"	1		4,087,000	
6-4	Piping and wiring for telephone system	"	1		54,000	
6-5	Electrical clock system	"	1		13,000	
6-6	Lightning conductor system	"	1		849,000	
	Total:				5,793,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-1	MAIN LINE FOR POWER					
	600V IV wire 8°	m	718	48	34,464	
	" 14°	"	30	85	2,550	
	" 22°	"	118	130	15,340	
	Conduit tube (3L)	pcs	45	619	27,855	
	" (5L)	"	9	1,101	9,909	
	Accessories of tube	set	1		9,441	
	Normal bend (5L)	pcs	2	472	944	
	Support materials of tube	set	1		7,553	
	Pull box 200 x 200 x 100	pcs	2	3,120	6,240	
	" 300 x 300 x 200	"	2	6,940	13,880	
	" 400 x 400 x 200	"	1		17,200	
	Miscellaneous materials	set	1		2,908	
	Sub-Total:				148,284	
	Transportation in site	set	1		2,224	
	Miscellaneous cost of site	"	1		5,181	
	Labor cost	"	1		95,000	
	Painting cost	"	1		1,483	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Packing cost for exportation	set	1		14,828	
	Total:				267,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	204	14	2,856	
	" 5.5°	"	19	34	646	
	" 8°	"	21	48	1,008	
	Conduit tube (19)	pcs	5	337	1,685	
	" (25)	"	11	473	5,203	
	" (31)	"	2	619	1,238	
	Accessories of tube	set	1		2,032	
	Connection materials	"	1		2,571	
	Outlet box Medium size shallow type	pcs	3	84	252	
	Power control board 3P-1	set	1		272,000	
	Box type switch MCB 3P 50AF/20AT	sets	2	31,500	63,000	
	" MCB 3P 50AF/30AT	set	1		31,500	
	" MCB 3P 50AF/40AT	"	1		31,500	
	Socket outlet 2P-15A x 2 with plug and plate	pcs	3	577	1,731	
	Earthing materials	set	1		6,258	
	Miscellaneous materials	"	1		8,470	
	Sub-Total:				431,950	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation in site	set	1		6,479	
	Miscellaneous cost of site	"	1		10,334	
	Labor cost	"	1		44,000	
	Packing cost for exportation	"	1		30,237	
	Total:				523,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	5,620	14	78,680	
	Conduit tube (19)	pcs	331	337	111,547	
	" (25)	"	92	473	43,516	
	" (31)	"	11	619	6,809	
	Accessories of tube	set	1		40,468	
	Outlet box Medium size shallow type	pcs	165	84	13,860	
	" Large size depp type	"	33	235	7,755	
	Switch box for 1	"	47	140	6,580	
	Tumbler switch 1P-10A x 1 with plate	pcs	11	252	2,772	
	" 1P-10A x 2	"	24	335	8,040	
	" 3W-10A x 1	"	10	312	3,120	
	" 4W-10A x 1	"	2	598	1,196	
	Socket outlet 2P-15A x 2.E with plug and plate	"	54	577	31,158	
	Blind plate	"	2	145	290	
	Ceiling fan with regulator	sets	28	29,000	812,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Distribution board 3L-1	set	1		371,000	
	" 3L-2	"	1		236,000	
	" 3L-3	"	1		236,000	
	" 3L-4	"	1		170,000	
	Lighting fixture A41	sets	90	6,050	544,500	
	" A42	"	4	9,540	38,160	
	" D41	set	1		6,030	
	" E151	sets	4	8,600	34,400	
	" b61	"	23	2,300	52,900	
	" d61WP	"	6	2,800	16,800	
	Fixing materials	set	1		38,800	
	Earthing materials	"	1		43,686	
	Miscellaneous materials	"	1		59,121	
	Sub-Total:				3,015,188	
	Transportation in site	set	1		45,228	
	Miscellaneous cost of site	"	1		80,521	
	Labor cost	"	1		735,000	
	Packing cost for exportation	"	1		211,063	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Total:				4,087,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable	m	26	8	208	
	0.8 - 2C					
	Conduit tube	pcs	7	337	2,359	
	(19)					
	Accessories of tube	set	1		590	
	Outlet box	pcs	2	84	168	
	Medium size shallow type					
	Nozzle plate	"	2	170	340	
	Terminal board	set	1		36,000	
	20P + 10P					
	3S - 1					
	Miscellaneous materials	"	1		793	
	Sub-Total:				40,458	
	Transportation in site	set	1		607	
	Miscellaneous cost of site	"	1		889	
	Labor cost	"	1		8,000	
	Packing cost for exportation	"	1		4,046	
	Total:				54,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	30	8	240	
	Conduit tube (19)	pcs	4	337	1,348	
	Accessories of tube	set	1		337	
	Outlet box Medium size shallow type	pcs	1		84	
	Secondary clock a type	set	1		6,400	
	Miscellaneous materials	"	1		168	
	Sub-Total:				8,577	
	Transportation in site	set	1		129	
	Miscellaneous cost of site	"	1		694	
	Labor cost	"	1		3,000	
	Packing cost for exportation	"	1		600	
	Total:				13,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-6	LIGHTNING CONDUCTION SYSTEM					
	Conductor 2.0 x 13	m	235	244	57,340	
	Conduit tube (VE 22)	pcs	4	230	920	
	Accessories of tube	set	1		230	
	Conductor support	pcs	190	340	64,600	
	Plate for out of conductor	"	12	4,600	55,200	
	Terminal box	sets	6	13,200	79,200	
	Earthing plate	pcs	6	2,000	12,000	
	1st class earthing	spots	6	53,000	318,000	
	Miscellaneous materials	set	1		11,750	
	Sub-Total:				599,240	
	Transportation in site	set	1		8,989	
	Miscellaneous cost of site	"	1		16,847	
	Labor cost	"	1		164,000	
	Packing cost for exportation	"	1		59,924	
	Total:				849,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7	CAFETERIA					
7-1	Main line for power	set	1		33,000	
7-2	Power control system	"	1		1,292,000	
7-3	Lighting fixture and socket outlet system	"	1		2,506,000	
7-4	Piping and wiring for telephone system	"	1		51,000	
7-5	Electrical clock system	"	1		14,000	
7-6	Lightning conductor system	"	1		585,000	
	Total:				4,481,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-1	MAIN LINE FOR POWER					
	600V IV wire 22°	m	6	130	780	
	" 100°	"	22	543	11,946	
	Conduit tube (75)	pcs	2	2,057	4,114	
	Accessories of tube	set	1		1,029	
	Normal bend (75)	pcs	3	1,770	5,310	
	Miscellaneous materials	set	1		464	
	Sub-Total:				23,643	
	Transportation in site	set	1		355	
	Miscellaneous cost of site	"	1		402	
	Labor cost	"	1		6,000	
	Painting cost	"	1		236	
	Packing cost for exportation	"	1		2,364	
	Total:				33,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	1,110	8	8,880	
	" 5.5°	"	105	34	3,570	
	" 8°	"	140	48	6,720	
	Conduit tube (19)	m	29	337	9,773	
	" (25)	"	51	473	24,123	
	" (31)	"	17	619	10,523	
	Accessories of tube	set	1		11,105	
	Connection materials	set	1		7,713	
	Outlet box Medium size, shallow type	pcs	7	84	588	
	" Large size, deep type	"	1		235	
	Switch box for 1	pcs	1		140	
	Power control board 4P-1	set	1		518,000	
	Box type switch MCB 3P 50AF/20AT	sets	8	31,500	252,000	
	" MCB 3P 50AF/30AT	set	1		31,500	
	" MCB 3P 50AF/40AT	sets	3	31,500	94,500	
	Tumbler switch Pilot lamp x 1 IP-10A x 1 with plate	pcs	1		538	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	7	577	4,039	
	Socket outlet 2P-15A x 1 (twist type) with plug and plate	"	1		577	
	Earthing materials	set	1		14,768	
	Miscellaneous materials	"	1		19,986	
	Sub-Total:				1,019,278	
	Transportation in site	set	1		15,289	
	Miscellaneous cost of site	"	1		25,084	
	Labor cost	"	1		161,000	
	Packing cost for exportation	"	1		71,349	
	Total:				1,292,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	2,540	14	35,560	
	Conduit tube (19)	pcs	161	337	54,257	
	" (25)	"	39	473	18,447	
	Accessories of tube	set	1		18,176	
	Outlet box Medium size, shallow type	pcs	153	84	12,852	
	" Large size, deep type	"	10	235	2,350	
	Switch box for 1	"	5	140	700	
	Tumbler switch IP-10A x 1 with plate	pcs	3	252	756	
	" IP-10A x 2 "	"	1		335	
	" IP-10A x 3 "	"	1		418	
	Socket outlet 2P-15A x 2.E with plug and plate	"	9	577	5,193	
	Ceiling fan with regulator	sets	11	29,000	319,000	
	Bell 150φ	pcs	1		3,200	
	Distribution board 4L-1	set	1		516,000	
	Lighting fixture A41	sets	108	6,050	653,400	
	" A42	"	4	9,540	38,160	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Lighting fixture E151	sets	8	8,600	68,800	
	" a101	"	8	5,400	43,200	
	" b61	"	3	2,300	6,900	
	Fixing materials	set	1		46,400	
	Earthing materials	"	1		27,662	
	Miscellaneous materials	"	1		37,435	
	Sub-Total:				1,909,201	
	Transportation in site	set	1		28,638	
	Miscellaneous cost of site	"	1		49,517	
	Labor cost	"	1		385,000	
	Packing cost for exportation	"	1		133,644	
	Total:				2,506,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TLVF cable 0.8 - 2C	m	19	8	152	
	Conduit tube (19)	pcs	5	337	1,685	
	Accessories of tube	set	1		421	
	Outlet box Medium size, shallow type	pcs	2	84	168	
	Nozzle plate	"	2	170	340	
	Terminal board 20P + 10P 4S - 1	set	1		36,000	
	Miscellaneous materials	set	1		775	
	Sub-Total:				39,541	
	Transportation in site	set	1		593	
	Miscellaneous cost of site	"	1		912	
	Labor cost	"	1		6,000	
	Packing cost for exportation	"	1		3,954	
	Total:				51,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	34	8	272	
	Conduit tube (19)	pcs	5	337	1,685	
	Accessories of tube	set	1		421	
	Outlet box Medium size, shallow type	pcs	1		84	
	Secondary clock a type	set	1		6,400	
	Miscellaneous materials	"	1		177	
	Sub-Total:				9,039	
	Transportation in site	set	1		136	
	Miscellaneous cost of site	"	1		192	
	Labor cost	"	1		4,000	
	Packing cost for exportation	"	1		633	
	Total:				14,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	171	244	41,724	
	Conduit tube (VE 22)	pcs	3	230	690	
	Accessories of tube	set	1		173	
	Conductor support	pcs	140	340	47,600	
	Plate for out of conductor	"	8	4,600	36,800	
	Terminal box	sets	4	13,200	52,800	
	Earthing plate	pcs	4	2,000	8,000	
	1st class earthing	spots	4	53,000	212,000	
	Miscellaneous materials	set	1		7,996	
	Sub-Total:				407,783	
	Transportation in site	set	1		6,117	
	Miscellaneous cost of site	"	1		11,322	
	Labor cost	"	1		119,000	
	Packing cost for exportation	"	1		40,778	
	Total:				585,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8	TRAINING ROOM					
8-1	Main line for power	set	1		261,000	
8-2	Power control system	"	1		1,644,000	
8-3	Lighting fixture and socket outlet system	"	1		2,673,000	
8-4	Piping and wiring for telephone system	"	1		76,000	
8-5	Electrical clock system	"	1		187,000	
8-6	Lightning conductor system	"	1		805,000	
	Total:				5,646,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-1	MAIN LINE FOR POWER					
	600V IV wire 14°	m	14	85	1,190.	
	" 22°	"	124	130	16,120	
	" 38°	"	386	206	79,516	
	Conduit tube (51)	pcs	24	1,101	26,424	
	Accessories of tube	set	1		6,606	
	Normal bend (51)	pcs	2	472	944	
	Pull box 300 x 300 x 200	pcs	4	6,940	27,760	
	Support materials of tube	set	1		5,285	
	Miscellaneous materials	set	1		3,277	
	Sub-Total:				167,122	
	Transportation in site	set	1		2,507	
	Miscellaneous cost of site	"	1		4,988	
	Labor cost	"	1		68,000	
	Painting cost	"	1		1,671	
	Packing cost for exportation	"	1		16,712	
	Total:				261,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	1,860	14	26,040	
	" 8°	"	88	48	4,224	
	" 14°	"	78	85	6,630	
	" 38°	"	208	206	42,848	
	Conduit tube (19)	pcs	60	337	20,220	
	" (25)	"	75	473	35,475	
	" (31)	"	6	619	3,714	
	" (39)	"	28	746	20,888	
	Accessories of tube	set	1		20,074	
	Normal bend (39)	pcs	8	236	1,888	
	Support materials of tube	set	1		16,059	
	Outlet box Large size, deep type	pcs	17	235	3,995	
	Outlet box, exposed type for 1	"	17	384	6,528	
	Pull box 400 x 400 x 200	"	5	17,200	86,000	
	Floor base	"	10	1,200	12,000	
	Power control board 5P-1	set	1		157,000	
	" 5P-2	"	1		264,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Box type switch MCB 2P 100AF/100AT	sets	4	33,000	132,000	
	" MCB 3P 50AF/20AT	"	7	31,500	220,500	
	" MCB 3P 50AF/50AT	"	2	31,500	63,000	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	17	577	9,809	
	Socket outlet, floor type 2P-15A.E with plug and plate	"	10	2,900	29,000	
	Earthing materials	set	1		17,728	
	Miscellaneous materials	"	1		23,992	
	Sub-Total:				1,223,612	
	Transportation in site	set	1		18,354	
	Miscellaneous cost of site	"	1		32,145	
	Labor cost	"	1		272,000	
	Painting cost	"	1		12,236	
	Packing cost for exportation	"	1		85,653	
	Total:				1,644,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	1,970	14	27,580	
	" 5.5°	"	517	34	17,578	
	Conduit tube (19)	pcs	375	337	126,375	
	" (25)	"	37	473	17,501	
	" (31)	"	15	619	9,285	
	Accessories of tube	set	1		38,290	
	Support materials of tube	"	1		30,632	
	Outlet box, exposed type(19) one way	pcs	16	288	4,608	
	" (19) two way	"	23	324	7,452	
	" (19) three way	"	3	348	1,044	
	" (25) two way	"	15	384	5,760	
	" (25) three way	"	6	420	2,520	
	" (25) four way	"	1		480	
	Switch box, exposed type for 1	"	2	416	832	
	" (25) one way for 2	"	1		768	
	" (25) one way	"				
	Pull box 200 x 200 x 100	"	4	3,120	18,720	
	Tumbler switch 1P-10A x 4 with plate	"	1		666	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Bell 150φ	pcs	2	3,200	6,400	
	Distribution board 5L-1	set	1		391,000	
	Lighting fixture B42PP	sets	22	11,380	250,360	
	" D41	"	31	6,030	186,930	
	" α201	"	39	18,400	717,600	
	Fixing materials	set	1		29,000	
	Earthing materials	"	1		28,371	
	Miscellaneous materials	"	1		38,395	
	Sub-Total:				1,958,147	
	Transportation in site	set	1		29,372	
	Miscellaneous cost of site	"	1		52,830	
	Labor cost	"	1		476,000	
	Painting cost	"	1		19,581	
	Packing cost for exportation	"	1		137,070	
	Total:				2,673,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable 0.8 - 2C	m	81	8	648	
	Conduit tube (19)	pcs	22	337	7,414	
	Accessories of tube	set	1		1,854	
	Support materials of tube	"	1		1,483	
	Outlet box, exposed type (19) two way	pcs	2	324	.648	
	Switch box, exposed type (19) one way	"	2	333	666	
	Nozzle plate	"	2	170	340	
	Terminal board 20P + 10P 5S-1	set	1		36,000	
	Miscellaneous materials	"	1		981	
	Sub-Total:				50,034	
	Transportation in site	set	1		751	
	Miscellaneous cost of site	"	1		1,712	
	Labor cost	"	1		18,000	
	Painting cost	"	1		500	
	Packing cost for exportation	"	1		5,003	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Total:				76,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	209	8	1,672	
	Conduit tube (19)	pcs	28	337	9,436	
	Accessories of tube	set	1		2,359	
	Support materials of tube	"	1		1,887	
	Outlet box, exposed type (19) one way	pcs	2	288	576	
	"	"	2	324	648	
	Secondary clock b type	sets	2	62,000	124,000	
	Miscellaneous materials	set	1		2,812	
	Sub-Total:				143,390	
	Transportation in site	set	1		2,151	
	Miscellaneous cost at site	"	1		3,988	
	Labor cost	"	1		26,000	
	Painting cost	"	1		1,434	
	Packing cost for exportation	"	1		10,037	
	Total:				187,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	213	244	51,972	
	Conduit tube (VE 22)	pcs	4	230	920	
	Accessories of tube	set	1		230	
	Conductor support	pcs	170	340	57,800	
	Plate for out of conductor	"	12	4,600	55,200	
	Terminal box	sets	6	13,200	79,200	
	Earthing plate	pcs	6	2,000	12,000	
	1st class earthing	spots	6	53,000	318,000	
	Miscellaneous materials	set	1		11,506	
	Sub-Total:				586,828	
	Transportation in site	set	1		8,802	
	Miscellaneous cost of site	"	1		15,687	
	Labor cost	"	1		135,000	
	Packing cost for exportation	"	1		58,683	
	Total:				805,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
9	CHECK GATE					
9-1	Lighting fixture and socket outlet system	set	1		822,000	
9-2	Piping and wiring for telephone system	"	1		92,000	
9-3	Electrical clock system	"	1		233,000	
9-4	Lightning conductor system	"	1		285,000	
	Total:				1,432,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
9-1	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	626	14	8,764	
	Conduit tube (19)	pcs	46	337	15,502	
	" (25)	"	6	473	2,838	
	Accessories of tube	set	1		4,585	
	Outlet box Medium size, shallow type	pcs	5	84	420	
	" Large size, deep type	"	33	235	7,755	
	Switch box for 2	"	7	140	980	
	Tumbler switch 1P-10A x 1 with plate	pcs	5	252	1,260	
	" 1P-10A x 2 "	"	1		335	
	" Pilot lamp 1P-10A x 1 with plate	"	1		538	
	Socket outlet 2P-15A x 2.E with plug and plate	"	9	577	5,193	
	Socket outlet, twist type 2P-15A x 1.E with plug and plate	"	1		577	
	Ceiling fan with regulator	sets	3	29,000	87,000	
	Motor siren	set	1		10,400	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Distribution board 6L - 1	set	1		286,000	
	Lighting fixture A41	sets	5	6,050	30,250	
	" A42	"	16	9,540	152,640	
	Fixing materials	set	1		8,400	
	Earthing materials	"	1		9,352	
	Miscellaneous materials	"	1		12,656	
	Sub-Total:				645,445	
	Transportation in site	set	1		9,682	
	Miscellaneous cost of site	"	1		16,692	
	Labor cost	"	1		105,000	
	Packing cost for exportation	"	1		45,181	
	Total:				822,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
9-2	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable 0.8 - 2C	m	59	8	472	
	Conduit tube (19)	pcs	12	337	4,044	
	Accessories of tube	set	1		1,011	
	Outlet box Medium size, shallow type	pcs	2	84	168	
	" Large size, deep type	"	3	235	705	
	Floor base	"	3	1,200	3,600	
	Low tension stud	"	3	860	2,580	
	Nozzle plate	"	2	170	340	
	Terminal board 40P + 10P	set	1		55,000	
	6S - 1					
	Miscellaneous materials	"	1		1,358	
	Sub-Total:				69,278	
	Transportation in site	set	1		1,039	
	Miscellaneous cost of site	"	1		1,755	
	Labor cost	"	1		13,000	
	Packing cost for exportation	"	1		6,928	
	Total:				92,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
9-3	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	46	8	368	
	Conduit tube (19)	pcs	7	337	2,359	
	Accessories of tube	set	1		590	
	Outlet box Medium size, shallow type	pcs	3	84	252	
	Secondary clock a type	set	1		6,400	
	" C type weather-proof	"	1		74,400	
	Attendance time recorder	"	1		114,400	
	Miscellaneous materials	"	1		3,975	
	Sub-Total:				202,744	
	Transportation in site	set	1		3,041	
	Miscellaneous cost of site	"	1		4,023	
	Labor cost	"	1		9,000	
	Packing cost for exportation	"	1		14,192	
	Total:				233,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
9-4	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	81	244	19,764	
	Conduit tube (VE22)	pcs	2	230	460	
	Accessories of tube	set	1		115	
	Conductor support	pcs	65	340	22,100	
	Plate for out of conductor	"	4	4,600	18,400	
	Terminal box	sets	2	13,200	26,400	
	Earthing plate	pcs	2	2,000	4,000	
	1st class earthing	spots	2	53,000	106,000	
	Miscellaneous materials	set	1		3,945	
	Sub-Total:				201,184	
	Transportation in site	set	1		3,018	
	Miscellaneous cost of site	"	1		5,680	
	Labor cost	"	1		55,000	
	Packing cost for exportation	"	1		20,118	
	Total:				285,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
10	AIR COMPRESSOR HOUSE					
10-1	Main line for power	set	1		5,000	
10-2	Power control system	"	1		515,000	
10-3	Lighting fixture and socket outlet system	"	1		201,000	
10-4	Lightning conductor system	"	1		258,000	
	Total:				979,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
10-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	65	14	910	
	" 14°	"	207	85	17,595	
	600V CV cable 3.5° - 4C	"	18	165	2,970	
	Conduit tube (25)	pcs	5	473	2,365	
	" (31)	"	14	619	8,666	
	" (22)	"	5	701	3,505	
	Accessories of tube	set	1		3,634	
	Connection materials	"	1		6,807	
	Power control board 7P - 1	"	1		353,000	
	Earthing materials	"	1		5,992	
	Miscellaneous materials	"	1		8,109	
	Sub-Total:				413,553	
	Transportation in site	set	1		6,203	
	Miscellaneous cost of site	"	1		9,244	
	Labor cost	"	1		51,000	
	" (earth worker)	"	1		7,000	
	Packing cost for exportation	"	1		28,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Total:				515,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
10-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	160	14	2,240	
	Conduit tube (19)	pcs	14	337	4,718	
	Accessories of tube	set	1		1,180	
	Out-let box Medium size, shallow type	pcs	3	84	.252	
	Concrete box " "	"	6	177	1,062	
	Switch box for 1	"	1		140	
	Tumbler switch 1P-10A x 1 with plate	"	1		252	
	Socket out-let 2P-15A x 2.E with plug and plate	"	2	577	1,154	
	Distribution board 7L-1	set	1		101,000	
	Lighting fixture B41	sets	6	6,030	36,180	
	Fixing materials	set	1		2,400	
	Earthing materials	"	1		2,259	
	Miscellaneous materials	"	1		3,057	
	Sub-Total:				155,894	
	Transportation in site	set	1		2,338	
	Miscellaneous cost of site	"	1		3,855	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Labor cost	set	1		28,000	
	Packing cost for exportation	"	1		10,913	
	Total:				201,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
10-4	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	59	244	14,396	
	Conduit tube (VE 22)	pcs	2	230	460	
	Accessories of tube	set	1		115	
	Conductor support	pcs	45	340	15,300	
	Plate for out of conductor	"	4	4,600	18,400	
	Terminal box	sets	2	13,200	26,400	
	Earthing plate	pcs	2	2,000	4,000	
	1st class earthing	spots	2	53,000	106,000	
	Miscellaneous materials	set	1		3,701	
	Sub-Total:				188,772	
	Transportation in site	set	1		2,832	
	Miscellaneous cost of site	"	1		5,519	
	Labor cost	"	1		42,000	
	Packing cost for exportation	"	1		18,877	
	Total:				258,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
11	PAINT GREASE & OIL STORAGE					
11-1	Lightning conductor system	set	1		268,000	
	Total:				268,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
11-1	LIGHTNING CONDUCTION SYSTEM					
	Conductor 2.0 x 13	m	64	244	15,616	
	Conduit tube (VE 22)	pcs	2	230	460	
	Accessories of tube	set	1		115	
	Conductor support	pcs	54	340	18,360	
	Plate for out of conductor	"	4	4,600	18,400	
	Terminal box	sets	2	13,200	26,400	
	Earthing plate	pcs	2	2,000	4,000	
	1st class earthing	spots	2	53,000	106,000	
	Miscellaneous materials	set	1		3,787	
	Sub-Total:				193,138	
	Transportation in site	set	1		2,897	
	Miscellaneous cost of site	"	1		5,651	
	Labor cost	"	1		47,000	
	Packing cost for exportation	"	1		19,314	
	Total:				268,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
12	SUB STATION					
12-1	Lighting fixture and socket outlet system	set	1		875,000	
12-2	Lightning conductor system	"	1		272,000	
	Total:				1,147,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
12-1	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	265	14	3,710	
	SC-CV cable 3.5° - 3C	"	486	402	195,372	
	Conduit tube (19)	pcs	22	337	7,414	
	" (25)	"	1		473	
	Accessories of tube	set	1		1,971	
	Outlet box Medium size, shallow type	pcs	4	84	336	
	Concrete box "	"	12	117	2,124	
	Switch box for 1	"	2	140	280	
	Tumbler switch 1P-10A x 1 with plate	"	2	252	504	
	Socket outlet 2P-15A x 2.E with plug and plate	"	4	577	2,308	
	Distribution board 9L-1	set	1		381,000	
	Lighting fixture A41	sets	12	6,050	72,600	
	Fixing materials	set	1		4,800	
	Earthing materials	"	1		10,093	
	Miscellaneous materials	"	1		13,660	
	Sub-Total:				696,645	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
12-2	LIGHTING CONDUCTOR SYSTEM					
	Conductor	m	70	244	17,080	
	Conduit tube (VE 22)	pcs	2	230	460	
	Accessories of tube	set	1		115	
	Conductor support	pcs	55	340	18,700	
	Plate for out of conductor	"	4	4,600	18,400	
	Terminal box	set	2	13,200	26,400	
	Earthing plate	pcs	2	2,000	4,000	
	1st class earthing	spots	2	53,000	106,000	
	Miscellaneous materials	set	1		3,823	
	Sub-Total:				194,978	
	Transportation in site	set	1		2,925	
	Miscellaneous cost of site	"	1		5,599	
	Labor cost	"	1		49,000	
	Packing cost for exportation	"	1		19,498	
	Total:				272,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
13	HEAVY REPAIR FACTORY					
13-1	Power control system	set	1		7,668,000	
13-2	Lighting fixture and socket outlet system	"	1		5,971,000	
13-3	Piping and wiring for telephone system	"	1		475,000	
13-4	Electrical clock system	"	1		371,000	
13-5	Lightning conductor system	"	1		818,000	
	Total:				15,303,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	9,350	14	130,900	
	" 5.5°	"	246	34	8,364	
	" 8°	"	48	48	2,304	
	" 14°	"	888	85	75,480	
	" 22°	"	284	130	36,920	
	" 60°	"	672	322	216,384	
	600V CV cable 3.5° - 3C	"	22	127	2,794	
	600V CVV cable 2° - 4C	"	12	141	1,692	
	Conduit tube (19)	pcs	231	337	77,847	
	" (25)	"	387	473	183,051	
	" (31)	"	64	619	39,616	
	" (39)	"	9	746	6,714	
	" (51)	"	50	1,101	55,050	
	" (63)	"	22	1,684	37,048	
	" (22)	"	10	701	7,010	
	Accessories of tube	set	1		101,584	
	Normal bend (39)	pcs	7	236	1,652	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Normal bend (51)	pcs	6	472	2,832	
	" (63)	"	2	1,062	2,124	
	Support materials of tube	set	1		81,267	
	Outlet box Large size, deep type	pcs	9	235	2,115	
	Outlet box, exposed type for 1	"	97	384	37,248	
	Outlet box, exposed type (25) two way	"	5	384	1,920	
	" (31) two way	"	1		540	
	Floor base	pcs	9	1,200	10,800	
	Pull box 200 x 200 x 200	"	5	4,390	21,950	
	" 400 x 400 x 200	"	10	17,200	172,000	
	" 500 x 500 x 300	"	5	27,500	137,500	
	" 600 x 600 x 300	"	2	36,000	72,000	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	97	577	55,969	
	Floor type socket outlet 2P-15A x 1 with plug	"	9	2,900	26,100	
	Float less switch LF4 with holder	unit	1		5,080	
	Power control board 10P-1	set	1		948,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Power control board 10P-2	set	1		1,206,000	
	Box type switch MCB 2P 225AF/150AT	sets	6	58,000	348,000	
	" MCB 3P 50AF/20AT	"	31	31,500	976,500	
	" MCB 3P 50AF/30AT	"	4	31,500	126,000	
	" MCB 3P 50AF/50AT	"	3	31,500	94,500	
	" MCB 3P 100AF/75AT	"	4	46,400	185,600	
	Connecting materials	set	1		1,512	
	Earthing materials	"	1		82,500	
	Miscellaneous materials	"	1		111,649	
	Sub-Total:				5,694,116	
	Transportation in site	set	1		85,412	
	Miscellaneous cost of site	"	1		150,943	
	Labor cost	"	1		1,282,000	
	Painting cost	"	1		56,941	
	Packing cost for exportation	"	1		398,588	
	Total:				7,668,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
13-2	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	6,120	14	85,680	
	" 55°	"	999	34	33,966	
	Conduit tube (19)	pcs	346	337	116,602	
	" (25)	"	82	473	38,786	
	" (31)	"	48	619	29,712	
	" (39)	"	10	746	7,460	
	Accessories of tube	set	1		48,140	
	Normal bend (39)	pcs	2	236	472	
	Support materials of tube	set	1		38,512	
	Outlet box, exposed type (19) one way	pcs	70	288	20,160	
	" (19) two way	"	10	324	3,240	
	" (19) three way	"	29	348	10,092	
	" (19) four way	"	1		396	
	" (25) two way	"	2	384	768	
	" (25) three way	"	21	420	8,820	
	" (25) four way	"	4	480	1,920	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Outlet box, exposed type (31) four way	pcs	2	690	1,380	
	Outlet box Medium size, shallow type	"	130	84	10,920	
	" Large size, deep type	"	6	235	1,410	
	Switch box for 1	"	13	140	1,820	
	Pull box 200 x 200 x 100	"	12	3,120	37,440	
	Tumbler switch 1P-10A x 1 with plate	"	8	252	2,016	
	" 1P-10A x 2	"	1		335	
	" 3W-10A x 1	"	4	312	1,248	
	Socket outlet 2P-15A x 1.E with plug and plate	"	8	577	4,616	
	Blind plate	"	3	145	435	
	Ceiling fan with regulator	"	6	29,000	174,000	
	Bell 150φ	"	4	3,200	12,800	
	Distribution board 10L-1	set	1		374,000	
	" 10L-2	"	1		326,000	
	Lighting fixture A41	sets	46	6,050	278,300	
	" A42	"	43	9,540	410,220	
	" B42FP	"	86	11,380	978,680	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Lighting fixture D41	sets	22	6,030	132,660	
	" d61 WP	"	6	2,800	16,800	
	" c401	"	44	23,600	1,038,400	
	Fixing materials	set	1		87,600	
	Earthing materials	"	1		65,052	
	Miscellaneous materials	"	1		88,037	
	Sub-Total:				4,489,895	
	Transportation in site	set	1		67,348	
	Miscellaneous cost of site	"	1		117,565	
	Labor cost	"	1		937,000	
	Painting cost	"	1		44,899	
	Packing cost for exportation	"	1		314,293	
	Total:				5,971,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
13-3	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable 0.8 - 2C	m	1,750	8	14,000	
	Conduit tube (19)	pcs	163	337	54,931	
	" (25)	"	7	473	3,311	
	Accessories of tube	set	1		14,560	
	Support materials of tube	"	1		11,648	
	Outlet box Medium size, shallow type	pcs	5	84	420	
	" Large size, deep type	"	27	235	6,345	
	Outlet box, exposed type (19) two way	"	4	324	1,296	
	Floor base	"	27	1,200	32,400	
	Low tension stud	"	27	860	23,220	
	Blind plate	"	1		145	
	Nozzle plate	"	9	170	1,530	
	Terminal board 20P + 10P 10S - 1	set	1		36,000	
	" 40P + 10P 10S - 2	"	1		55,000	
	Miscellaneous materials	set	1		5,096	
	Sub-Total:				259,902	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation in site	set	1		3,899	
	Miscellaneous cost of site	"	1		9,610	
	Labor cost	"	1		173,000	
	Painting cost	"	1		2,599	
	Packing cost for exportation	"	1		25,990	
	Total:				475,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
13-4	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	386	8	3,088	
	Conduit tube (19)	pcs	51	337	17,187	
	Accessories of tube	set	1		4,296	
	Support materials of tube	"	1		3,437	
	Outlet box, exposed type (19) one way	pcs	4	288	1,152	
	" (19) two way	"	3	324	972	
	" (19) three way	"	3	348	1,044	
	Secondary clock a type	"	2	6,400	12,800	
	" b type	"	2	62,000	124,000	
	Attendance time recorder	"	1		114,400	
	Miscellaneous materials	set	1		5,648	
	Sub-Total:				288,024	
	Transportation in site	set	1		4,320	
	Miscellaneous cost of site	"	1		7,614	
	Labor cost	"	1		48,000	
	Painting cost	"	1		2,880	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Packing cost for exportation	set	1		20,162	
	Total:				371,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
13-5	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	36	244	8,784	
	Conduit tube (VE 22)	pcs	5	230	1,150	
	Accessories of tube	set	1		288	
	Plate for out of conductor	pcs	24	4,600	110,400	
	Terminal box	sets	8	13,200	105,600	
	Earthing plate	pcs	8	2,000	16,000	
	1st class earthing	spots	8	53,000	424,000	
	Miscellaneous materials	set	1		13,324	
	Sub-Total:				679,546	
	Transportation in site	set	1		10,193	
	Miscellaneous cost of site	"	1		16,306	
	Labor cost	"	1		44,000	
	Packing cost for exportation	"	1		67,955	
	Total:				818,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14	PARTS STORAGE					
14-1	Main line for power	set	1		19,000	
14-2	Power control system	"	1		1,190,000	
14-3	Lighting fixture and socket outlet system	"	1		2,818,000	
14-4	Piping and wiring for telephone system	"	1		119,000	
14-5	Electrical clock system	"	1		146,000	
14-6	Lightning conductor system	"	1		409,000	
	Total:				4,701,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-1	MAIN LINE FOR POWER					
	600V IV wire 14°	m	14	85	1,190	
	" 22°	"	40	130	5,200	
	Conduit tube (39)	pcs	4	746	2,984	
	Accessories of tube	set	1		746	
	Normal bend (39)	pcs	2	236	472	
	Miscellaneous materials	set	1		212	
	Sub-Total:				10,804	
	Transportation in site	set	1		162	
	Miscellaneous cost of site	"	1		846	
	Labor cost	"	1		6,000	
	Painting cost	"	1		108	
	Packing cost for exportation	"	1		1,080	
	Total:				19,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	1,120	14	15,680	
	" 5.5°	"	315	34	10,710	
	" 14°	"	83	85	7,055	
	Conduit tube (19)	pcs	54	337	18,198	
	" (25)	"	39	473	18,447	
	" (31)	"	9	619	5,571	
	Accessories of tube	set	1		10,554	
	Support materials of tube	"	1		8,443	
	Outlet box, exposed type for 1	pcs	13	384	4,992	
	Pull box 300x300x200	"	1		6,940	
	" 400x400x200	"	6	17,200	103,200	
	Socket outlet 2P-15A x 2.E with plug and plate	"	13	577	7,501	
	Power control board IJP-1	set	1		640,000	
	Box type switch MCB 2P 50AF/50AT	"	1		22,000	
	Connecting materials	set	1		6,048	
	Earthing materials	"	1		13,280	
	Miscellaneous materials	"	1		17,972	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-total:				916,591	
	Transportation in site	set	1		13,749	
	Miscellaneous cost of site	"	1		23,333	
	Labor cost	"	1		163,000	
	Painting cost	"	1		9,166	
	Packing cost for exportation	"	1		64,161	
	Total:				1,190,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	2,380	14	33,320	
	Conduit tube (19)	pcs	157	337	52,909	
	" (25)	"	26	473	12,298	
	" (31)	"	1		619	
	" (39)	"	2	746	1,492	
	Accessories of tube	set	1		16,829	
	Normal bend (39)	pcs	1		236	
	Support materials of tube	set	1		13,464	
	Outlet box Medium size, shallow type	pcs	11	84	924	
	Concrete box " "	"	19	177	3,363	
	" Large size, deep type	"	2	235	470	
	Outlet box exposed type	pcs	29	288	8,352	
	(19) one way	"	55	324	17,820	
	(19) two way	"	12	348	4,176	
	(19) three way	"	2	396	792	
	(19) four way	"	1		384	
	(25) two way	"				

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Outlet box exposed type (25) three way	pcs	7	420	2,940	
	" (25) four way	"	1		480	
	Switch box, exposed type(19) one way	"	1		333	
	Pull box 200x200x100	"	2	3,120	6,240	
	Tumbler switch 1P-10A x 1 with plate	"	1		252	
	" " IP-10A x 2 with plate	"	1		335	
	Socket outlet 2P-15A x 2.E with plug and plate	"	5	577	2,885	
	Floor outlet 2P-15A x 1.E with plug and plate	"	4	2,900	11,600	
	Ceiling fan with regulator	sets	6	29,000	174,000	
	Bell 150ø	pcs	1		3,200	
	Distribution board 1LL-1	set	1		376,000	
	Lighting fixture A42	sets	16	9,540	152,640	
	" B41	"	8	6,030	48,240	
	" B42PP	"	98	11,380	1,115,240	
	Fixing materials	set	1		48,800	
	Earthing materials	"	1		31,659	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Miscellaneous materials	set	1		42,846	
	Sub-Total:				2,185,138	
	Transportation in site	set	1		32,777	
	Miscellaneous cost of site	"	1		55,274	
	Labor cost	"	1		370,000	
	Painting cost	"	1		21,851	
	Packing cost for exportation	"	1		152,960	
	Total:				2,818,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	T1VF cable 0.8 - 2C	m	115	8	920	
	Conduit tube (19)	pcs	27	337	9,099	
	Accessories of tube	set	1		2,274	
	Outlet box Large size, deep type	pcs	6	235	1,410	
	Floor base	"	6	1,200	7,200	
	Low tension stud	"	6	860	5,160	
	Terminal board 40P + 10P 11S-1	set	1		55,000	
	Miscellaneous materials	"	1		1,621	
	Sub-Total:				82,684	
	Transportation in site	set	1		1,240	
	Miscellaneous cost of site	"	1		2,808	
	Labor cost	"	1		24,000	
	Packing cost for exportation	"	1		8,268	
	Total:				119,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	44	8	352	
	Conduit tube (19)	pcs	6	337	2,022	
	Accessories of tube	set	1		505	
	Outlet box Medium size, shallow type	pcs	2	84	168	
	Secondary clock a type	set	1		6,400	
	Attendance time recorder	"	1		114,400	
	Miscellaneous materials	"	1		2,477	
	Sub--Total:				126,324	
	Transportation in site	set	1		1,895	
	Miscellaneous cost of site	"	1		2,938	
	Labor cost	"	1		6,000	
	Packing cost for exportation	"	1		8,843	
	Total:				146,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
14-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	18	244	4,392	
	Conduit tube (VE 22)	pcs	3	230	690	
	Accessories of tube	set	1		173	
	Plate for out of conduit	pcs	12	4,600	55,200	
	Terminal box	sets	4	13,200	52,800	
	Earthing plate	pcs	4	2,000	8,000	
	1st class earthing	spots	4	53,000	212,000	
	Miscellaneous materials	set	1		6,665	
	Sub-Total:				339,920	
	Transportation in site	set	1		5,099	
	Miscellaneous cost of site	"	1		7,989	
	Labor cost	"	1		22,000	
	Packing cost for exportation	"	1		33,992	
	Total:				409,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15	RETREADING & METAL CASTING FACTORY					
15-1	Main line for power	set	1		308,000	
15-2	Power control system	"	1		2,531,000	
15-3	Lighting fixture and socket outlet system	"	1		2,611,000	
15-4	Piping and wiring for telephone system	"	1		100,500	
15-5	Electrical clock system	"	1		202,000	
15-6	Lightning conductor system	"	1		409,000	
	Total:				6,161,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-1	MAIN LINE FOR POWER					
	600V IV wire 5.5°	m	179	34	6,086	
	" 8°	"	642	48	30,816	
	" 14°	"	36	85	3,060	
	" 38°	"	140	206	28,840	
	Conduit tube (31)	pcs	49	619	30,331	
	" (51)	"	10	1,101	11,010	
	Accessories of tube	set	1		10,335	
	Normal bend (51)	pcs	1		472	
	Support materials of tube	set	1		8,268	
	Pull box 200 x 200 x 100	pcs	3	3,120	9,360	
	" 300 x 300 x 200	"	2	6,940	13,880	
	" 400 x 400 x 200	"	1		17,200	
	Miscellaneous materials	set	1		3,393	
	Sub-Total:				173,051	
	Transportation in site	pcs	1		2,596	
	Miscellaneous cost of site	"	1		5,317	
	Labor cost	"	1		108,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting cost	set	1		1,731	
	Packing cost for exportation	"	1		17,305	
	Total:				308,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	2,180	14	30,520	
	" 5.5°	"	713	34	24,242	
	" 14°	"	56	85	4,760	
	" 22°	"	26	130	3,380	
	600V CV cable 3.5° - 3C	"	62	127	7,874	
	600V CVV cable 2° - 4C	"	15	109	1,635	
	Conduit tube (19)	pcs	57	337	19,209	
	" (25)	"	137	473	64,801	
	" (31)	"	10	619	6,190	
	" (39)	"	2	746	1,492	
	" (22)	"	21	701	14,721	
	Accessories of tube	set	1		26,603	
	Normal bend (39)	pcs	2	236	472	
	Support materials of tube	set	1		21,282	
	Outlet box, exposed type for 1	pcs	22	384	8,448	
	Power control board 15P-1	set	1		234,000	
	" 15P-2	"	1		299,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Power control board 15P-3	set	1		208,000	
	" 15P-4	"	1		329,000	
	" 15P-5	"	1		179,000	
	" 15P-6	"	1		233,000	
	Float less switch 2P with holder	unit	1		3,000	
	" 4P "	"	1		5,080	
	Box type switch MCB 3P 50AF/20AT	sets	4	31,500	126,000	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	22	577	12,694	
	Connecting materials	set	1		22,227	
	Earthing materials	"	1		28,299	
	Miscellaneous materials	"	1		38,299	
	Sub-Total:				1,953,228	
	Transportation in site	set	1		29,298	
	Miscellaneous cost of site	"	1		50,216	
	Labor cost	"	1		342,000	
	Painting cost "	"	1		19,532	
	Packing cost for exportation	"	1		136,726	
	Total:				2,531,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	2,330	14	32,620	
	Conduit tube (19)	pcs	129	337	43,473	
	" (25)	"	37	473	17,501	
	" (31)	"	7	619	4,333	
	Accessories of tube	set	1		16,326	
	Support materials of tube	"	1		13,061	
	Outlet box Medium size, shallow type	pcs	33	84	2,772	
	" Large size, deep type	"	6	235	1,410	
	Switch box for 1	"	5	140	700	
	Outlet box, exposed type (19) one way	pcs	20	288	5,760	
	" (19) two way	"	35	324	11,340	
	" (19) three way	"	9	348	3,132	
	" (19) four way	"	1		396	
	" (25) two way	"	14	384	5,376	
	" (25) three way	"	8	420	3,360	
	Switch box, exposed type (19) one way	"	5	333	1,665	
	" (25) one way	"	1		416	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Pull box 200 x 200 x 100	pcs	2	3,120	6,240	
	Tumbler switch 1P-10A x 1 with plate	"	7	252	1,764	
	" 1P-10A x 2 "	"	2	335	670	
	" 3W-10A x 1 "	"	3	312	624	
	" 3W-10A x 1 1P-10Ax1	"	1		395	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	6	577	3,462	
	Blind plate	"	1		145	
	Bell 150φ	"	3	3,200	9,600	
	Ceiling fan with regulator	sets	3	29,000	87,000	
	Distribution board 15L-1	set	1		589,000	
	Lighting fixture A41	sets	14	6,050	84,700	
	" A42	"	7	9,540	66,780	
	" B41	"	4	6,030	24,120	
	" B42PP	"	78	11,380	887,640	
	" d61WP	"	2	2,800	5,600	
	Fixing materials	set	1		41,200	
	Earthing materials	"	1		29,589	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Miscellaneous materials	set	1		40,043	
	Sub-Total:				2,042,213	
	Transportation in site	set	1		30,633	
	Miscellaneous cost of site	"	1		51,777	
	Labor cost	"	1		323,000	
	Painting cost	"	1		20,422	
	Packing cost for exportation	"	1		142,955	
	Total:				2,611,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TLVF cable 0.8 - 2C	m	82	8	656	
	Conduit tube (19)	pcs	18	337	6,066	
	Accessories of tube	set	1		1,516	
	Outlet box Large size, deep type	pcs	4	235	940	
	Floor base	"	4	1,200	4,800	
	Low tension stud	"	4	860	3,440	
	Outlet box, exposed type for 1	"	2	384	768	
	Nozzle plate	"	2	170	340	
	Terminal board 40P + 10P 15S-1	set	1		55,000	
	Miscellaneous materials	"	1		1,470	
	Sub-Total:				74,996	
	Transportation in site	set	1		1,124	
	Miscellaneous cost of site	"	1		1,903	
	Labor cost	"	1		17,000	
	Packing cost for exportation	"	1		5,477	
	Total:				100,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	213	8	1,704	
	Conduit tube (19)	pcs	28	337	9,436	
	Accessories of tube	set	1		2,359	
	Support materials of tube	"	1		1,887	
	Outlet box, exposed type (19) one way	pcs	3	288	864	
	" (19) two way	"	1		324	
	" (19) three way	"	3	348	1,044	
	Secondary clock a type	sets	4	6,400	25,600	
	Attendance time recorder	set	1		114,400	
	Miscellaneous materials	set	1		2,640	
	Sub-Total:				160,258	
	Transportation in site	set	1		2,020	
	Miscellaneous cost of site	"	1		3,549	
	Labor cost	"	1		26,000	
	Painting cost	"	1		1,347	
	Packing cost for exportation	"	1		8,826	
	Total:				202,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
15-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	18	244	4,392	
	Conduit tube (VE 22)	pcs	3	230	690	
	Accessories of tube	set	1		173	
	Plate for out of conductor	pcs	12	4,600	55,200	
	Terminal box	sets	4	13,200	52,800	
	Earthing plate	pcs	4	2,000	8,000	
	1st class earthing	spots	4	53,000	212,000	
	Miscellaneous materials	set	1		6,665	
	Sub-Total:				339,920	
	Transportation in site	set	1		5,099	
	Miscellaneous cost of site	"	1		7,989	
	Labor cost	"	1		22,000	
	Packing cost for exportation	"	1		33,992	
	Total:				409,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
16	SPARE APPARATUS & MATERIALS					
16-1	Spare apparatus & materials	set	1		3,416,000	
	Total:				3,416,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
16-1	SPARE APPARATUS & MATERIALS					
	Lighting fixture A42 type	sets	25	9,540	238,500	
	" A41 type	"	40	6,050	242,000	
	" d201 type	"	5	18,400	92,000	
	" d401 type	"	10	23,600	236,000	
	" d61 type	"	5	2,800	14,000	
	" b61 type	"	5	2,300	11,500	
	" a101 type	"	5	5,400	27,000	
	Lamp and tube FL40W	pcs	150	340	51,000	
	" HF200W	"	10	3,200	32,000	
	" HF400W	"	20	4,350	87,000	
	" 1L60W	"	20	78	1,460	
	" 1L100W	"	10	97	970	
	" GL15W	"	10	800	8,000	
	Ceiling fan with regulator	sets	10	29,000	290,000	
	Dehumidifire	"	2	55,000	110,000	
	Secondary clock a type	"	5	6,400	32,000	
	Cabtyre cable, 3.5" -4C 600V	m	200	178	34,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Polyvinyl chloride sheathed cable WF 2.0 - 3C	m	200	141	28,200	
	Socket outlet 2P15A x 2.E with plug & plate	pcs	50	577	28,850	
	" 3P20A x 1. E with plug and plate	"	10	729	7,290	
	Tumbler switch 1P10A x 1 with plate	"	50	252	12,600	
	Box type switch MCB 2P 225AF	sets	5	58,000	290,000	
	" MCB 3P 50AF	"	10	31,500	315,000	
	" MCB 3P 100AF	"	5	46,400	232,000	
	Molded case circuit breaker 1P50AF	pcs	50	2,070	103,500	
	" " 2P 225AF	"	5	20,900	104,500	
	" " 3P 50AF	"	50	6,590	329,500	
	" " 3P 100AF	"	5	14,800	74,000	
	Magnet switch 3P 50A	"	10	6,180	61,800	
	Sub-Total:				3,095,270	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation in site	set	1		45,730	
	Miscellaneous cost of site	"	1		60,000	
	Packing cost for exportation	"	1		215,000	
	Total:				3,416,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
17	SEND OF SUPERVISOR					
17-1	Send of supervisor	set	1		5,100,000	
	Total:				5,100,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS	
17-1	<p>SEND OF SUPERVISOR</p> <p>Supervisor of sub-station 2 person, 2 week, 2 trip</p> <p>Supervisor of telephone exchanger 1 person, 2 week, 1 trip</p> <p>Miscellaneous cost of site</p>	set " "	1 1 1		4,000,000 1,000,000 100,000		
Total:						5,100,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	PHASE - 2 WORK (Item)				13,739,000	
1	Exterior work	set	1		1,600,000	
2	Inspection factory	"	1		3,405,000	
3	Periodical repair factory	"	1		8,080,000	
	Sub-Total:				13,085,000	
4	Expense of site	set	1		654,000	
	Total:				13,739,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	EXTERIOR WORK					
1-1	Main Line for power	set	1		1,364,000	
1-2	Main line for communication	"	1		236,000	
	Total:				1,600,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-1	MAIN LINE FOR POWER					
	600V SC-CV cable 14° - 4C	m	141	981	138,321	
	" 60° - 4C	"	222	2,910	646,020	
	600V SC-CVV cable 5.5° - 2C	m	176	471	82,896	
	600V IV wire 8°	m	10	48	480	
	" 22°	"	12	130	1,560	
	Conduit tube (VE 16)	pcs	3	196	588	
	" (VE 22)	"	5	230	1,150	
	Accessories of tube	set	1		435	
	3rd class earthing	spots	2	2,300	4,600	
	Cable marker	pcs	13	1,400	18,200	
	Miscellaneous materials	set	1		17,885	
	Sub-Total:				912,135	
	Transportation in site	set	1		13,682	
	Miscellaneous cost of site	"	1		23,145	
	Labor cost	"	1		140,000	
	" (earth worker)	"	1		184,000	
	Packing cost for exportation	"	1		91,038	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Total:				1,364,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-2	MAIN LINE FOR COMMUNICATION					
	600V SC-CVV cable 3.5° - 2C	m	176	405	71,280	
	SC-CCP cable 0.9 - 10P	"	176	585	102,960	
	Miscellaneous materials	set	1		3,485	
	Sub-Total:				177,725	
	Transportation in site	set	1		2,665	
	Miscellaneous cost of site	"	1		4,509	
	Labor cost	"	1		34,000	
	Packing cost for exportation	"	1		17,101	
	Total:				236,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2	INSPECTION FACTORY					
2-1	Main line for power	set	1		13,000	
2-2	Power control system	"	1		1,163,000	
2-3	Lighting fixture and socket outlet system	"	1		1,519,000	
2-4	Piping and wiring for telephone system	"	1		76,000	
2-5	Electrical clock system	"	1		225,000	
2-6	Lightning conductor system	"	1		409,000	
	Total:				3,405,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-1	MAIN LINE FOR POWER					
	600V IV wire 8°	m	66	48	3,168	
	Conduit tube (31)	pcs	4	619	2,476	
	Accessories of tube	set	1		619	
	Miscellaneous materials	"	1		125	
	Sub-Total:				6,388	
	Transportation in site	set	1		96	
	Miscellaneous cost of site	"	1		813	
	Labor cost	"	1		5,000	
	Painting cost	"	1		64	
	Packing cost for exportation	"	1		639	
	Total:				13,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	1,120	14	15,680	
	" 5.5°	"	88	34	2,992	
	600V CV cable 3.5° - 3C	"	84	127	10,668	
	600V CVV cable 2° - 4C	"	42	134	5,628	
	Conduit tube (19)	pcs	49	337	16,513	
	" (25)	"	41	473	19,393	
	" (22)	"	35	701	24,535	
	Accessories of tube	set	1		15,110	
	Support materials of tube	"	1		13,288	
	Outlet box, exposed type for 1	pcs	13	384	4,992	
	Power control board 12P-1	set	1		488,000	
	Box type switch MCB 2P 50AF/20AT	sets	4	22,000	88,000	
	" MCB 3P 50AF/20AT	"	4	31,500	126,000	
	" MCB 3P 50AF/30AT	"	1		31,500	
	Float less switch 4P, with holder	unit	1		5,080	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	13	577	7,501	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Connecting materials	set	1		1,512	
	Earthing materials	"	1		13,146	
	Miscellaneous materials	"	1		17,791	
	Sub-Total:				907,329	
	Transportation in site	set	1		13,610	
	Miscellaneous cost of site	"	1		22,475	
	Labor cost	"	1		147,000	
	Painting cost	"	1		9,073	
	Packing cost for exportation	"	1		63,513	
	Total:				1,163,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	1,410	14	19,740	
	600V CV cable 3.5° - 4C	"	38	165	6,270	
	Conduit tube (19)	pcs	81	337	27,297	
	" (25)	"	8	473	3,784	
	" (31)	"	12	619	7,428	
	" (22)	"	11	701	7,711	
	Accessories of tube	set	1		11,555	
	Support materials of tube	"	1		9,244	
	Outlet box Medium size, shallow type	pcs	6	84	504	
	" Large size, deep type	"	2	235	470	
	" exposed type (19) one way	"	22	288	6,336	
	" (19) two way	"	24	324	7,776	
	" (19) three way	"	13	348	4,524	
	" (19) four way	"	1		396	
	" (25) three way	"	2	420	840	
	Switch box, exposed type (19) one way	"	4	333	1,332	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Outlet box, exposed type for 1	pcs	5	384	1,920	
	Pull box 100 x 100 x 100	"	2	1,370	2,740	
	Tumbler switch 1P-10A x 1 with plate	pcs	3	252	504	
	Socket outlet 2P-15A x 2.E with plug and socket	"	4	577	2,308	
	Blind plate	"	1		145	
	Bell 150ø	"	1		3,200	
	Ceiling fan with regulator	set	1		29,000	
	Distribution board 12L-1	set	1		249,200	
	Lighting fixture A41	sets	4	6,050	24,200	
	" A42	"	4	9,540	38,160	
	" B41	"	7	6,030	42,210	
	" B42PP	"	52	11,380	591,760	
	Fixing materials	set	1		26,800	
	Earthing materials	"	1		16,910	
	Miscellaneous materials	"	1		22,885	
	Sub-Total:				1,167,149	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation in site	set	1		17,507	
	Miscellaneous cost of site	"	1		29,973	
	Labor cost	"	1		211,000	
	Painting cost	"	1		11,671	
	Packing cost for exportation	"	1		81,700	
	Total:				1,519,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	T1VF cable 0.8 - 2C	m	46	8	368	
	Conduit tube (19)	pcs	19	337	6,403	
	Accessories of tube	set	1		1,600	
	Support materials of tube	"	1		1,280	
	Outlet box Large size, deep type	pcs	2	235	470	
	Floor base	"	2	1,200	2,400	
	Low tension stud	"	2	860	1,720	
	Outlet box, exposed type (19) two way	"	1		324	
	Outlet box, exposed type for 1	"	1		384	
	Nozzle plate	"	1		170	
	Terminal board 20P + 10P 12S-1	set	1		36,000	
	Miscellaneous materials	"	1		1,022	
	Sub-Total:				52,141	
	Transportation in site	set	1		782	
	Miscellaneous cost of site	"	1		1,323	
	Labor cost	"	1		16,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting cost	set	1		521	
	Packing cost for exportation	"	1		5,233	
	Total:				76,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	101	8	808	
	Conduit tube (19)	pcs	14	337	4,718	
	Accessories of tube	set	1		1,179	
	Support materials of tube	"	1		943	
	Outlet box, exposed type (19) one way	"	1		288	
	" (19) two way	"	1		324	
	" (19) three way	"	1		348	
	Secondary clock b type	set	1		62,000	
	Attendance time recorder	"	1		114,400	
	Miscellaneous materials	set	1		3,700	
	Sub-Total:				188,708	
	Transportation in site	set	1		2,831	
	Miscellaneous cost of site	"	1		4,364	
	Labor cost	"	1		14,000	
	Painting cost	"	1		1,887	
	Packing cost for exportation	"	1		13,210	
	Total:				225,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	18	244	4,392	
	Conduit tube (VE 22)	pcs	3	230	690	
	Accessories of tube	set	1		173	
	Plate for out of conductor	pcs	12	4,600	55,200	
	Terminal box	sets	4	13,200	52,800	
	Earthing plate	pcs	4	2,000	8,000	
	1st class earthing	spots	4	53,000	212,000	
	Miscellaneous materials	set	1		6,665	
	Sub-Total:				339,920	
	Transportation in site	set	1		5,099	
	Miscellaneous cost of site	"	1		7,989	
	Labor cost	"	1		22,000	
	Packing cost for exportation	"	1		33,992	
	Total:				409,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3	PERIODICAL REPAIR FACTORY					
3-1	Main line for power	set	1		32,000	
3-2	Power control system	"	1		3,237,000	
3-3	Lighting fixture and socket outlet system	"	1		3,705,000	
3-4	Piping and wiring for telephone system	"	1		170,000	
3-5	Electrical clock system	"	1		323,000	
3-6	Lightning conductor system	"	1		613,000	
	Total:				8,080,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-1	MAIN LINE FOR POWER					
	600V IV wire 14°	m	14	85	1,190	
	" 38°	"	53	206	10,918	
	Conduit tube (51)	pcs	4	1,101	4,404	
	Accessories of tube	set	1		1,101	
	Normal bend (51)	pcs	2	472	944	
	Miscellaneous materials	set	1		371	
	Sub-Total:				18,928	
	Transportation in site	set	1		284	
	Miscellaneous cost of site	"	1		706	
	Labor cost	"	1		10,000	
	Painting cost	"	1		189	
	Packing cost for transportation	"	1		1,893	
	Total:				32,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-2	POWER CONTROL SYSTEM					
	600V IV wire	m	2,660	14	37,240	
	"	"	230	85	19,550	
	"	"	726	322	233,772	
	Conduit tube	pcs	176	337	59,312	
	"	"	37	473	17,501	
	"	"	44	1,101	48,444	
	"	"	26	1,684	43,784	
	Accessories of tube	set	1		42,260	
	Normal bend	pcs	10	472	4,720	
	"	"	4	1,062	4,248	
	Outlet box	pcs	14	235	3,290	
	Floor base	"	14	1,200	16,800	
	Outlet box, exposed type for 1	"	35	384	13,440	
	Pull box	"	9	17,200	154,800	
	"	"	2	64,400	128,800	
	Power control board	set	1		843,000	
	Box type switch MCB 2P 225AF/125AT	sets	9	58,000	522,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Box type switch MCB 3P 50AF/20AT	sets	4	31,500	126,000	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	35	577	20,195	
	High tension stud 2P-15A x 1.E with plug and plate	"	14	2,900	40,600	
	Earthing materials	set	1		35,696	
	Miscellaneous materials	set	1		48,309	
	Sub-Total:				2,463,761	
	Transportation in site	set	1		36,956	
	Miscellaneous cost of site	"	1		63,182	
	Labor cost	"	1		476,000	
	Painting cost	"	1		24,638	
	Packing cost for exportation	"	1		172,463	
	Total:				3,237,000	

NO	ITEM AND DESCRIPTION	UNIT'S	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	3,100	14	43,400	
	Conduit tube (19)	pcs	220	337	74,140	
	" (25)	"	19	473	8,987	
	" (31)	"	9	619	5,571	
	Accessories of tube	set	1		22,174	
	Support materials of tube	"	1		17,739	
	Outlet box Medium size, shallow type	pcs	32	84	2,688	
	" Large size, deep type	"	2	235	470	
	Switch box for 1	"	5	140	900	
	Outlet box, exposed type (19) one way	pcs	23	288	6,624	
	" (19) two way	"	125	324	40,500	
	" (19) three way	"	9	348	3,132	
	" (19) four way	"	1		396	
	" (25) three way	"	1		420	
	" (25) four way	"	2	480	960	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Pull box 200 x 200 x 100	pcs	3	3,120	9,360	
	Tumbler switch IP-10A x 1 with plate	pcs	3	252	756	
	" IP-10A x 2 "	"	1		335	
	" 3W-10A x 1 "	"	2	312	624	
	Socket outlet 2P-15A x 2.E with plug and plate	"	4	577	2,308	
	Blind plate	"	1		145	
	Bell 150φ	"	3	3,200	9,600	
	Ceiling fan with regulator	sets	2	29,000	58,000	
	Distribution board 13L-1	set	1		464,000	
	Lighting fixture A41	"	11	6,050	66,550	
	" A42	"	6	9,540	57,420	
	" B41	"	4	6,030	24,120	
	" B42PP	"	156	11,380	1,775,280	
	" d61WP	"	4	2,800	11,200	
	Fixing materials	set	1		70,800	
	Earthing materials	"	1		41,679	
	Miscellaneous materials	"	1		56,406	
	Sub-Total:				2,876,684	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation in site	set	1		43,150	
	Miscellaneous cost of site	"	1		72,031	
	Labor cost	"	1		483,000	
	Painting cost	"	1		28,767	
	Packing cost for exportation	"	1		201,368	
	Total:				3,705,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	225	8	1,800	
	Conduit tube (19)	pcs	30	337	10,110	
	Accessories of tube	set	1		2,527	
	Support materials of tube	"	1		2,022	
	Outlet box, exposed type (19) one way	pcs	2	288	596	
	" (19) two way	"	2	324	648	
	Pull box 100 x 100 x 100	"	1		1,370	
	Secondary clock b type	sets	2	62,000	124,000	
	Attendance time recorder	set	1		114,000	
	Miscellaneous materials	"	1		5,141	
	Sub-Total:				262,214	
	Transportation in site	set	1		3,933	
	Miscellaneous cost of site	"	1		6,876	
	Labor cost	"	1		29,000	
	Painting cost	"	1		2,622	
	Packing cost for exportation	"	1		18,355	
	Total:				323,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor	m	27	244	6,588	
	Conduit tube	pcs	4	230	920	
	Accessories of tube	set	1		230	
	Plate for out of conductor	pcs	18	4,600	82,800	
	Terminal box	set	6	13,200	79,200	
	Earthing plate	pcs	6	2,000	12,000	
	1st class earthing	spots	6	53,000	318,000	
	Miscellaneous materials	set	1		9,995	
	Sub-Total:				509,733	
	Transportation in site	set	1		7,646	
	Miscellaneous cost of site	"	1		11,648	
	Labor cost	"	1		33,000	
	Packing cost for exportation	"	1		50,973	
	Total:				613,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	PHASE - 3 WORK				8,482,000	
1	(Item) Exterior work	set	1		910,000	
2	Paint & body factory	"	1		7,169,000	
	Sub-Total:				8,079,000	
3	Expense of site	set	1		403,000	
	Total:				8,482,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	EXTERIOR WORK					
1-1	Main line for power	set	1		837,000	
1-2	Main line for communication	"	1		73,000	
	Total:				910,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-1	MAIN LINE FOR POWER					
	600VSC-CV cable 38° - 4C	m	249	2,050	510,450	
	600V SC-CVV cable 5.5° - 2C	"	55	471	25,905	
	600V IV wire 14°	"	19	85	1,615	
	Conduit tube (VE 22)	pcs	7	230	1,610	
	Accessories of tube	set	1		402	
	3rd class earthing	spots	1		2,300	
	Cable marker	pcs	3	1,400	4,200	
	Miscellaneous materials	set	1		10,929	
	Sub-Total:				557,411	
	Transportation in site	set	1		8,361	
	Miscellaneous cost of site	"	1		14,144	
	Labor cost	"	1		80,000	
	" (earth worker)	"	1		122,000	
	Packing cost for exportation	"	1		55,084	
	Total:				837,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-2	MAIN LINE FOR COMMUNICATION					
	600V SC-CVV cable 3.5° - 2C	m	55	405	22,275	
	SC-CCP cable 0.9 - 10P	"	55	585	32,175	
	Miscellaneous materials	set	1		1,089	
	Sub-Total:				55,539	
	Transportation in site	set	1		833	
	Miscellaneous cost of site	"	1		1,409	
	Labor cost	"	1		10,000	
	Packing cost for exportation	"	1		5,219	
	Total:				73,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2	PAINT & BODY FACTORY					
2-1	Main line for power	set	1		44,000	
2-2	Power control system	"	1		3,223,000	
2-3	Lighting fixture and socket outlet system	"	1		2,913,000	
2-4	Piping and wiring for telephone system	"	1		68,000	
2-5	Electrical clock system	"	1		308,000	
2-6	Lightning conduction system	"	1		613,000	
	Total:				7,169,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-1	MAIN LINE FOR POWER					
	600V IV wire 38°	m	88	206	18,128	
	Conduit tube (51)	pcs	5	1,101	5,505	
	Accessories of tube	set	1		1,376	
	Normal bend (51)	pcs	2	472	944	
	Miscellaneous materials	set	1		519	
	Sub-Total:				26,472	
	Transportation in site	set	1		397	
	Miscellaneous cost of site	"	1		1,219	
	Labor cost	"	1		13,000	
	Painting cost	"	1		265	
	Packing cost for transportation	"	1		2,647	
	Total:				44,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-2	POWER CONTROL SYSTEM					
	600V IV wire 2.0	m	4,030	14	56,420	
	" 14°	"	113	85	9,605	
	" 38°	"	393	206	80,958	
	Conduit tube (19)	pcs	96	337	32,352	
	" (25)	"	115	473	54,395	
	" (31)	"	38	619	23,522	
	" (39)	"	22	746	16,412	
	Accessories of tube	set	1		31,670	
	Normal bend (39)	pcs	4	236	944	
	Support materials of tube	set	1		25,336	
	Outlet box Large size, deep type	pcs	3	235	705	
	Outlet box, exposed type for 1	"	20	384	7,680	
	" for 2	"	8	528	4,224	
	Pull box 300 x 300 x 200	pcs	7	6,940	48,580	
	" 400 x 400 x 200	"	8	17,200	137,600	
	" 500 x 500 x 300	"	1		27,500	
	Floor base	"	3	1,200	3,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Power control board 14P-1	set	1		1,058,000	
	Box type switch MCB 2P 100AF/100AT	sets	4	33,000	132,000	
	" MCB 3P 50AF/20AT	"	15	31,500	472,500	
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	20	577	11,540	
	" 3P-20A x 1.E with plug and plate	"	8	729	5,835	
	High tension stud 2P-15A x 1.E	pcs	3	2,900	8,700	
	Connecting materials	set	1		3,780	
	Earthing materials	"	1		35,788	
	Miscellaneous materials	"	1		48,433	
	Sub-Total:				2,470,076	
	Transportation in site	set	1		37,051	
	Miscellaneous cost of site	"	1		63,267	
	Labor cost	"	1		455,000	
	Painting cost	"	1		24,701	
	Packing cost for exportation	"	1		172,905	
	Total:				3,223,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-3	LIGHTING FIXTURE AND SOCKET OUTLET SYSTEM					
	600V IV wire 2.0	m	2,580	14	36,120	
	Conduit tube (19)	pcs	166	337	55,942	
	" (25)	"	34	473	16,082	
	" (31)	"	2	619	1,238	
	Accessories of tube	set	1		18,315	
	Support materials of tube	"	1		14,652	
	Outlet box Medium size, shallow type	pcs	36	84	3,024	
	" Large size, deep type	"	2	235	470	
	Switch box for 1	"	7	140	980	
	Outlet box, exposed type (19) one way	pcs	26	288	7,488	
	" (19) two way	"	66	324	21,384	
	" (19) three way	"	10	348	3,480	
	Pull box 100 x 100 x 100	"	1		1,370	
Tumbler switch IP-10A x 1 with plate	pcs	5	252	1,260		
" IP -10A x 3	"	1		418		
" 3W-10A x 1	"	2	312	624		

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Socket outlet 2P-15A x 2.E with plug and plate	pcs	5	577	2,885	
	Bell 150φ	pcs	3	3,200	9,600	
	Ceiling fan with regulator	sets	2	29,000	58,000	
	Distribution board 14L-1	set	1		325,000	
	Lighting fixture A41	sets	15	6,050	90,750	
	" A42	"	8	9,540	76,320	
	" B41	"	2	6,030	12,060	
	" B42	"	4	9,450	37,800	
	" B42PP	"	114	11,380	1,297,320	
	" d41WP	"	4	2,800	11,200	
	Fixing materials	set	1		57,200	
	Earthing materials	set	1		32,415	
	Miscellaneous materials	"	1		43,868	
	Sub-Total				2,237,265	
	Transportation in site	set	1		33,559	
	Miscellaneous cost of site	"	1		57,193	
	Labor cost	"	1		406,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting cost	set	1		22,374	
	Packing cost for exportation	"	1		156,609	
	Total:				2,913,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-4	PIPING AND WIRING FOR TELEPHONE SYSTEM					
	TIVF cable 0.8 - 2C	m	79	8	632	
	Conduit tube (19)	pcs	13	337	4,381	
	Accessories of tube	set	1		1,095	
	Outlet box Large size, deep type	pcs	2	235	470	
	Floor base	"	2	1,200	2,400	
	Low tension stud	"	2	860	1,920	
	Outlet box, exposed type for 1	"	3	384	1,152	
	Nozzle plate	"	3	170	510	
	Terminal board 20P + 10P 14S-1	set	1		36,000	
	Miscellaneous materials	"	1		948	
	Sub-Total:				49,508	
	Transportation in site	set	1		725	
	Miscellaneous cost of site	"	1		1,031	
	Labor cost	"	1		12,000	
	Packing cost for exportation	"	1		4,736	
	Total:				68,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-5	ELECTRICAL CLOCK SYSTEM					
	600V IV wire 1.2	m	108	8	864	
	Conduit tube (19)	pcs	15	337	5,055	
	Accessories of tube	set	1		1,263	
	Support materials of tube	"	1		1,011	
	Outlet box, exposed type (19) one way	pcs	3	288	864	
	" (19) two way	"	2	324	648	
	Secondary clock a type	set	1		6,400	
	" b type	sets	2	62,000	124,000	
	Attendance time recorder	set	1		114,400	
	Miscellaneous materials	set	1		5,090	
	Sub-Total:				259,595	
	Transportation in site	set	1		3,894	
	Miscellaneous cost of site	"	1		5,743	
	Labor cost	"	1		18,000	
	Painting cost	"	1		2,596	
	Packing cost for exportation	"	1		18,172	
	Total:				308,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-6	LIGHTNING CONDUCTOR SYSTEM					
	Conductor 2.0 x 13	m	27	244	6,588	
	Conduit tube (VE 22)	pcs	4	230	920	
	Accessories of tube	set	1		230	
	Plate for out of conductor	pcs	18	4,600	82,800	
	Terminal box	sets	6	13,200	79,200	
	Earthing plate	pcs	6	2,000	12,000	
	1st class earthing	spots	6	53,000	318,000	
	Miscellaneous materials	set	1		9,995	
	Sub-Total:				509,733	
	Transportation in site	set	1		7,646	
	Miscellaneous cost of site	"	1		11,648	
	Labor cost	"	1		33,000	
	Packing cost for exportation	"	1		50,973	
	Total:				613,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	AIR CONDITIONING AND VENTILATING WORKS					
	Phase I	Set	1		14,361,000	
	Phase II	"	1		0	
	Phase III	"	1		2,697,000	
	Total				17,058,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	PHASE I General office building	Set	1		736,000	
2	Dormitory	"	1		1,275,000	
3	Cafeteria	"	1		3,543,000	
4	Check gate	"	1		30,000	
5	Heavy repair shop	"	1		1,532,000	
6	Parts storage	"	1		4,584,000	
7	Retreading & metal-casting factory	"	1		975,000	
8	Spare parts	"	1		1,001,900	
9	Over head	"	1		684,100	
	Total				14,361,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	GENERAL OFFICE BUILDING					
1-1	Cooling equipment works [Material costs Labor costs]	Set	1	580,000 45,300	625,300	
1-2	Ventilating works [Material costs Labor costs]	"	1	33,600 4,900	38,500	
1-3	Ventilating ducting works [Material costs Labor costs]	"	1	12,200 3,500	15,700	
1-4	Packing charges	"	1		41,900	
1-5	Field miscellaneous expenses	"	1		14,600	
	Total				736,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-1	COOLING EQUIPMENT WORKS (MATERIAL COSTS) Window cooler (C-2) Cooling capacity 4,020 Kcal/H Power consumption 1ϕ 240V 2.4KW	Set	2	132,000	264,000	
	Window cooler (C-1) Cooling capacity 5,560 Kcal/H Power consumption 1ϕ 240V 3.4KW	"	2	158,000	316,000	
	Sub-Total (LABOR COSTS)				580,000	
	Carring-in & installing works	Set	1		25,000	
	Testing & adjusting works	"	1		11,600	
	Transportation	"	1		8,700	
	Sub-Total				45,300	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-2	VENTILATING WORKS (MATERIAL COSTS) Ceiling fans (CV-3) 5MM Ag Air flow 450 m ³ /H Static pressure 1ø 240V 0.05KW Sub-Total	Pcs.	2	16,800	33,600	
	(LABOR COSTS) Carrying-in & installing works Testing & adjusting works Transportation Sub-Total	Set " "	1 1 1		3,700 700 500 4,900	
1-3	VENTILATING DUCTING WORKS (MATERIAL COSTS) Spiral ducts 150ø	M	6	790	4,740	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Fittings for above	Set	1		4,740	
	Supports for above	"	1		1,000	
	Miscellaneous materials	"	1		720	
	Cutting & patching materials	"	1		500	
	Sleeves & inserts	"	1		500	
	Sub-Total				12,200	
	(LABOR COSTS)					
	Ducting works	Set	1		2,500	
	Cutting & patching works	"	1		300	
	Sleeves & inserts installing works	"	1		300	
	Testing works	"	1		200	
	Transportation	"	1		200	
	Sub-Total				3,500	
1-4	PACKING CHARGES	Set	1		41,900	
	Sub-Total				41,900	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2	DORMITORY					
2-1	Ventilating works Material costs Labor costs	Set	1	670,000 28,700	698,700	
2-2	Ventilating ducting works Material costs Labor costs	"	1	360,000 61,500	421,500	
2-3	Packing charges	"	1		129,700	
2-4	Field miscellaneous expenses	"	1		25,100	
	Sub-Total				1,275,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-1	VENTILATING WORKS (MATERIAL COSTS)					
	Tubular fan RFK-3	Pcs.	1		670,000	
	8400 M ³ /H 30 MMAG					
	3φ 415V 2.2KW					
	Sub-Total				670,000	
	(LABOR COSTS)					
	Carrying-in & installing works	Set	1		5,300	
	Testing & adjusting works	"	1		13,400	
	Transportation	"	1		10,000	
	Sub-Total				28,700	
2-2	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Galvanized steel sheets 0.6mm (#24)	m ²	8	608	4,864	
	Steel materials for above	Set	1		1,440	
	Connecting materials for above	"	1		1,440	
	Stainless steel for hoods	m ²	11		30,492	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Steel materials for hoods	Set	1		12,155	
	Connecting materials for hoods	"	1		9,130	
	Stainless grease-filters FNI625(V type)	Pcs.	3	89,000	267,000	
	Dampers VC 600 x 600 (Made of mild steel sheet)	"	1		19,000	
	Seals	Set	1		1,840	
	Miscellaneous materials	"	1		5,639	
	Cutting & piping materials	"	1		3,500	
	Sleeve & inserts	"	1		3,500	
	Sub-Total				360,000	
	(LABOR COSTS)					
	Ducting works	"	1		43,000	
	Instruments installing works	"	1		2,300	
	Cutting & patching materials	"	1		4,300	
	Sleeves & inserts installing materials	"	1		4,300	
	Testing works	"	1		2,200	
	Sub-Total				61,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-3	PACKING CHARGES	Set	1		129,700	
	Sub-Total				129,700	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3	CAFETERIA					
3-1	Ventilating works Material costs Labor costs	Set	1	1,653,600 71,300	1,724,900	
3-2	Ventilating ducting works Material costs Labor costs	"	1	1,224,400 225,500	1,449,900	
3-3	Packing charges	"	1		298,300	
3-4	Field miscellaneous expenses	"	1		69,900	
	Total				3,543,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-1	VENTILATING WORKS (MATERIAL COSTS) Tubular fan RFK-1 15,000 m ³ /H 30MM Ag 3ø 415V 3.7KW Tubular fan PFK-2 13,200 m ³ /H 30MM Ag 3ø. 415V 3.7KW Ceiling fan 1ø 240V 0.038KW Air flow 198 m ³ /H Static pressure 5MM Ag Sub-Total	Pcs. " "	1 1 1		820,000 820,000 13,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Carrying-in & installing works	Set	1		13,400	
	Testing & adjusting works	"	1		33,100	
	Transportation	"	1		24,800	
	Sub-Total				71,300	
3-2	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Galvanized steel sheet	m ²	19	608	11,552	
	Steel materials for above	Set	1		3,420	
	Connecting materials for above	"	1		3,420	
	Spiral ducts 175φ	m	6	920	5,520	
	Firrings for above	Set	1		5,520	
	Supports for above	"	1		1,100	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Stainless steel for hoods	m ²	45	2,772	124,740	
	Steel materials for above	Set	1		49,725	
	Connecting materials for above	"	1		37,350	
	Stainless grease-filters FN2020(V type)	Pcs.	11	84,000	924,000	
	Dampers VC 700 x 700	Pcs	1		22,400	
	" 750 x 750 (Made of mild steel sheet)	"	1		24,700	
	Seals	Set	1		4,370	
	Miscellaneous materials	"	1		3,183	
	Cutting & patching materials	"	1		1,700	
	Sleeves & inserts	"	1		1,700	
	Sub-Total				1,224,400	
	(LABOR COSTS)					
	Ducting works	Set	1		162,000	
	Instruments installing works	"	1		4,600	
	Cutting & patching works	"	1		16,200	
	Sleeves & inserts installing works	"	1		16,200	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Testing works	Set	1		8,100	
	Transportation	"	1		18,400	
	Sub-Total				225,500	
3-3	PACKING CHARGES	Set	1		298,300	
	Sub-Total				298,300	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4	CHECK GAGE					
4-1	Ventilating works Materials costs Labor costs	Set	1	11,500 2,400	13,900	
4-2	Ventilating ducting works Materials costs Labor costs	"	1	8,400 2,500	10,900	
4-3	Packing charges	"	1		4,300	
4-4	Field miscellaneous expenses Total	"	1		900 30,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-1	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Ceiling fan Air flow 88 m ³ /H	Pcs.	1		11,500	
	Static pressure 5MM Ag					
	1ø 240V 0.023KW				11,500	
	Sub-Total					
	(LABOR COSTS)					
	Carrying-in & installing works	Set	1		1,900	
	Testing & adjusting works	"	1		300	
	Transportation	"	1		200	
	Sub-Total				2,400	
4-2	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Spiral ducts 125ø	M	5	660	3,300	
	Fittings for above	Set	1		3,300	
	Supports for above	"	1		700	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Miscellaneous materials	Set	1		500	
	Cutting & patching materials	"	1		300	
	Sleeves & inserts	"	1		300	
	Sub-Total				8,400	
	(LABOR COSTS)					
	Ducting works	Set	1		1,800	
	Cutting & patching works	"	1		200	
	Sleeves & inserts installing works	"	1		200	
	Testing works	"	1		100	
	Transportation	"	1		200	
	Sub-Total				2,500	
4-3	PACKING CHARGES	Set	1		4,300	
	Sub-Total				4,300	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5	HEAVY REPAIR SHOP					
5-1	Equipments works	Set	1		1,427,000	
	Material costs			1,340,600		
	Labor costs			86,400		
5-2	Pipe installing works	"	1		3,700	
	Material costs			2,000		
	Labor costs			1,700		
5-3	Ducting works	"	1		18,100	
	Material costs			11,500		
	Labor costs			6,600		
5-4	Packing charges	"	1		52,900	
5-5	Field miscellaneous expenses				30,300	
	Total				1,532,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-1	<p>EQUIPMENTS WORKS (MATERIAL COSTS)</p> <p>Packaged air conditioners</p> <p> Cooling capacity</p> <p> 7,100 Kcal/H</p> <p> Air flow 1,440 M³/H</p> <p> Power of fan</p> <p> 3ø 415V 0.1KW</p> <p> Power of compressor</p> <p> 3ø 415V 2.2KW</p> <p>Electrical materials</p> <p>Foundation materials</p> <p> Sub-Total</p>	Pcs.	2	661,000	1,322,000	
					4,000	
			1		14,600	
					1,340,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Electrical works	Set	1		5,600	
	Foundation works	"	1		4,200	
	Carrying-in & installing works	"	1		30,000	
	Testing & adjusting works	"	1		26,500	
	Transportation	"	1		20,100	
	Sub-Total				86,400	
5-2	PIPE INSTALLING WORKS (MATERIAL COSTS)					
	VP 20A	M	7	80	560	
	Fittings for above	Set	1		400	
	Supports for above	"	1		200	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting materials	Set	1		300	
	Miscellaneous materials	"	1		240	
	Cutting & patching materials	"	1		200	
	Sleeves & inserts	"	1		100	
	Sub-Total				2,000	
	(LABOR COSTS)					
	Piping works	Set	1		700	
	Painting works	"	1		400	
	Cutting & patching works	"	1		200	
	Sleeves & inserts installing works	"	1		100	
	Testing works	"	1		100	
	Transportation	"	1		200	
	Sub-Total				1,700	
5-3	DUCTING WORKS (MATERIAL COSTS)					
	Galvanized steel sheets 0.5mm (#26)	m ²	4	509	2,036	
	Steel materials for above	Set	1		600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Connecting materials for above	Set	1		720	
	Damper VD (Made of mild steel sheet) 150 x 150	Pcs.	1		6,500	
	Painting materials	Set	1		900	
	Miscellaneous materials	"	1		344	
	Cutting & patching materials	"	1		200	
	Sleeves & inserts	"	1		200	
	Sub-Total				11,500	
	(LABOR COSTS)					
	Ducts installing works	Set	1		3,200	
	Fixture installing works	"	1		1,400	
	Painting works	"	1		1,000	
	Cutting & patching works	"	1		300	
	Sleeves & inserts installing works	"	1		300	
	Testing works	"	1		200	
	Transportation	"	1		200	
	Sub-Total				6,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-4	PACKING CHARGES	Set	1		52,900	
	Sub-Total				52,900	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6	PARTS STORAGE					
6-1	Ventilating works [Material costs] Labor costs	Set	1	2,818,700 168,200	2,986,900	
6-2	Ventilating ducting works [Material costs] Labor costs	"	1	838,500 370,800	1,209,300	
6-3	Packing charges	"	1		297,800	
6-4	Field miscellaneous works Sub-Total	"	1		90,000	
					4,584,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-1	VENTILATING WORKS (MATERIAL COSTS)					
	Exhaust fan #4 27,000 m ³ /H (DF-1) 45MM Ag 3φ 415V 7.5KW	Pcs.	1		553,700	
	Exhaust fans #3 16,200 m ³ /H (DF-2) 45MM Ag 3φ 415V 5.5KW	"	2	716,600	1,433,200	
	Roof fans 11,700 m ³ /H (FR-2) 3φ 415V 0.75KW	"	5	162,000	810,000	
	Canvas connection	Set	1		7,600	
	Painting materials	"	1		2,500	
	Foundation materials	"	1		11,700	
	Sub-Total				2,818,700	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Canvas connection installing works	Set	1		6,600	
	Painting works	"	1		2,800	
	Foundation works	"	1		4,800	
	Carrying-in & installing works	"	1		56,000	
	Testing & adjusting works	"	1		56,000	
	Transportation	"	1		42,000	
	Sub-Total				168,200	
6-2	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Galvanized steel sheet 0.5MM (#26)	m ²	18	509	9,162	
	0.6MM (#24)	"	189	608	114,912	
	Steel materials for above	Set	1		85,320	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Connecting materials for above	Set	1		37,260	
	VHS (aluminum) 700 x 300	Pcs	12	13,900	166,800	
	" 900 x 600	"	4	31,100	124,400	
	Dampers (Made of mild steel sheet) VD 1000 x 500	"	2	21,100	42,200	
	" 1000 x 700	"	1		26,400	
	Filter for O,A	Set	1		86,000	
	Static pressure gauge mounting fittings	"	1		2,400	
	Painting materials	"	1		31,000	
	Miscellaneous materials	"	1		48,646	
	Cutting & patching materials	"	1		32,000	
	Sleeves & inserts	"	1		32,000	
	Sub-Total				838,500	
	(LABOR COSTS)					
	Ducts installing works	Set	1		239,000	
	Static pressure gauge mounting works	"	1		2,300	
	Instruments installing works	"	1		23,900	
	Painting works	"	1		33,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Cutting & patching works	Set	1		23,900	
	Sleeves & inserts installing works	"	1		23,900	
	Testing works	"	1		12,000	
	Transportation	"	1		12,800	
	Sub-Total				370,800	
6-3	PACKING CHARGES	Set	1		297,800	
	Sub-Total				297,800	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7	RETREADING AND METAL CASTING					
7-1	Ventilating works [Material costs Labor costs]	Set	1	747,500 50,400]	797,900	
7-2	Ventilating ducts installing works [Material costs Labor costs]	"	1	21,700 12,500]	34,200	
7-3	Packing charges	"	1		123,100	
7-4	Field miscellaneous expenses	"	1		19,800	
	Total				975,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-1	VENTILATING WORKS (MATERIAL COSTS)					
	Roof fans (RF-2)	Pcs.	4	162,000	648,000	
	Roof fans (RF-3)	"	1		99,500	
	11,700 m ³ /H 3ø 415V 0.75KW					
	2,580 m ³ /H 10MM 3ø 415V 0.25KW					
	(LABOR COSTS)					
	Carrying-in & installing works	Set	1		24,200	
	Testing & adjusting works	"	1		15,000	
	Transportation	"	1		11,200	
	Sub-Total				50,400	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-2	VENTILATING DUCTING WORKS (MATERIAL COSTS)					
	Galvanized steel sheet 0.5MM (#26)	m ²	10	509	5,090	
	Steel materials for above	Set	1		1,500	
	Connecting materials for above	"	1		1,800	
	HS (Aluminum) 500 x 500	Pcs	1		11,500	
	Miscellaneous materials	Set	1		810	
	Cutting & patching materials	"	1		500	
	Sleeves & inserts	"			500	
	Sub-Total				21,700	
	(LABOR COSTS)					
	Ducting works	Set	1		8,700	
	Instruments installing works	"	1		1,100	
	Cutting & patching works	"	1		900	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sleeves & inserts installing works	Set	1		900	
	Testing works	"	1		500	
	Transportation	"	1		400	
	Sub-Total				12,500	
7-3	Packing charges	Set	1		123,100	
	Sub-Total				123,100	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
8	SPARE PARTS (PHASE I)					
8-1	Packaged air conditioner (CPA-1)	Set	1		169,000	
	Compressor					
	Magnet switch for compressor					
	Magnet switch for fan					
	Fuse					
	Pilot lamp					
	Air filter					
8-2	Window cooler (C-1,2)	"	1		12,200	
	Filters 100%	Set	4	1,300	5,200	
	Selector switch (for C-1)	Pcs.	1		1,000	
	" " (for C-2)	"	1		1,000	
	Thermostat (for C-1)	"	1		2,800	
	" " (for C-2)	"	1		2,200	
8-3	Sirrocco fan	Set	1		28,600	
	Bearings DF-1 DF-2	"	2	2,600	5,200	
	V belts DF-1 DF-2	"	2	11,700	23,400	
8-4	Tubular fan	"	1		58,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Bearings (RFK-1,2,3)	Set	3	9,100	27,300	
	V belt (RFK-1,2)	"	2	11,700	23,400	
	" (RFK-3)	"	1		7,800	
8-5	Roof fan	"	1		5,200	
	Bearings	"	2	2,600	5,200	
8-6	Air filters	"			728,400	
	500 x 500 x 25	Sheet	4	2,600	10,400	
	Grease filters Type 1625	Set	6	28,000	168,000	
	Type 2020	"	22	25,000	550,000	
	Total				1,001,900	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	PHASE III					
1	Paint and body factory	Set	1		2,558,000	
2	Spare parts	"	1		10,400	
3	Over head	"	1		128,600	
	Total				2,697,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	PAINT AND BODY FACTORY					
1-1	Ventilating works Material costs	Set	1	1,775,000	1,897,500	
1-2	Packing charges Labor costs			122,500	610,400	
1-3	Field miscellaneous costs				50,100	
	Total				2,558,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-1	VENTILATING WORKS (MATERIAL COSTS) Roof fans 37,200 m ³ /H (RF-1) 3ø 415V 2,2 KW Sub-Total	Pcs	5	355,000	1,775,000	
	(LABOR COSTS)				60,000	
	Carrying-in & installing works	Set	1		35,500	
	Testing & adjusting works	"	1		27,000	
	Transportation	"	1		122,500	
	Sub-Total				610,400	
1-2	PACKING CHARGES	Set	1		610,400	
	Sub-Total				610,400	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2	SPARE PARTS (PHASE III) Roof fan (RF-1, RF-2, RF-3) Bearings	Set "	1 4	10,400 2,600	10,400 10,400	
	Total				10,400	



NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	PLUMBING WORKS					
	Phase I	Set	1		117,839,000	
	Phase II	"	1		14,237,000	
	Phase III	"	1		9,413,000	
	Total:				141,489,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	PLUMBING WORKS (PHASE I)					
1	General office building	Set	1		4,900,000	
2	Class room & office building	"	1		3,290,000	
3	Dormitory	"	1		12,748,000	
4	Cafeteria	"	1		18,084,000	
5	Training room	"	1		2,316,000	
6	Check gate	"	1		1,650,000	
7	Air compressor house	"	1		1,681,000	
8	Heavy repair shop	"	1		14,748,000	
9	Parts storage	"	1		277,000	
10	Retreading & metal casting factory	"	1		9,034,000	
11	Car wash	"	1		629,000	
12	General works	"	1		36,305,000	
13	Spare parts	"	1		1,225,000	
14	Tool	"	1		5,340,000	
15	Over head	"	1		5,612,000	
	Total:				117,839,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1	GENERAL OFFICE BUILDING					
1-1	Water supply system [Material costs Labor costs]	Set	1	459,000 224,000	683,000	
1-2	Drainage system [Material costs Labor costs]	"	1	673,000 296,000	969,000	
1-3	Plumbing fixture [Material costs Labor costs]	"	1	837,000 163,000	1,000,000	
1-4	Septic tank [Materials costs Labor costs]	"	1	1,224,240 656,464	1,880,704	
1-5	Packing charges	"	1		270,600	
1-6	Field miscellaneous expenses	"	1		96,696	
	Total:				4,900,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-1	WATER SUPPLY SYSTEM (MATERIAL COSTS)					
	Polyvinyl-chloride lining pipe (W)					
	20A	M	83	473	39,259	
	25A	"	20	655	13,100	
	32A	"	58	865	50,170	
	50A	"	4	1,340	5,360	
	65A	"	26	1,927	50,102	
	80A	"	13	2,291	29,783	
	Fittings for above	Set	1		132,000	
	Supports for above	"	1		28,000	
	Gate valves (JIS-5K) 65A	pcs	3	8,710	26,130	
	Insulating materials	Set	1		32,695	
	Painting materials	"	1		3,658	
	Miscellaneous materials	"	1		19,743	
	Cutting & patching materials	"	1		19,000	
	Sleeves & inserts	"	1		10,000	
	Sub-Total:				459,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Piping works	Set	1		141,651	
	Excavation & back fulling works	"	1		11,439	
	Instruments installing works	"	1		1,080	
	Painting works	"	1		4,672	
	Cutting & patching works	"	1		28,330	
	Sleeves & inserts installing works	"	1		14,813	
	Testing works	"	1		14,165	
	Transportation	"	1		7,850	
	Sub-Total:				224,000	
	DRAINAGE SYSTEM (MATERIAL COSTS)					
1-2	S G P (W-S) 65A	M	5	993	4,965	
	100A	"	7	1,706	11,942	
	Fittings for above pipes	Set	1		13,500	
	Supports for above	"	1		5,000	
	L P 40A	M	8	1,150	9,200	
	Junction fittings for L P	Set	1		3,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	V P 30A	M	6	140	840	
	" 40A	"	34	204	6,936	
	" 50A	"	47	289	13,583	
	" 65A	"	40	369	14,760	
	" 75A	"	59	561	33,099	
	" 100A	"	72	860	61,920	
	Fitting for above V P	Set	1		105,000	
	Supports for above	"	1		39,000	
	Clean-out (COA)					
	" 40A	Pcs	1		1,500	
	" 50A	"	1		1,640	
	" 65A	"	3	2,130	6,390	
	" 80A	"	1		2,810	
	" 100A	"	2	3,940	7,880	
	Clean-out (COB)					
	" 40A	Pcs	1		2,900	
	" 50A	"	1		3,275	
	" 65A	"	4	4,100	16,400	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Clean-out (COB) 80A	Pcs	4	5,025	20,100	
	100A	"	1		6,575	
	Floor drains (T-5A) 50A	"	2	3,820	7,640	
	Floor drains (T-5B) 50A	"	4	3,990	15,960	
	Sink waste fittings (T-14A) 40A	"	3	3,490	10,470	
	Vent caps (Buried type) 65A	"	1		1,550	
	100A	"	1		2,800	
	Manhole (Air-tight & medium-weight) covers					
	300φ	"	5	4,200	21,000	
	350φ	"	2	5,200	10,400	
	450φ	"	2	7,200	14,400	
	500φ	"	2	8,600	17,200	
	Soil manholes 360 square	"	2	5,708	11,416	
	450 "	"	2	8,282	16,564	
	500 "	"	2	11,848	23,696	
	Waste manholes 300 "	"	5	4,833	24,165	
	Insulating materials	Set	1		59,400	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting materials	Set	1		4,101	
	Miscellaneous materials	"	1		16,023	
	Cutting & patching materials	"	1		16,000	
	Sleeves & inserts	"	1		8,000	
	Sub-Total:				673,000	
	(LABOR COSTS)					
	Piping works	Set	1		90,510	
	Concrete basin construction works	"	1		53,614	
	Excavating & back fulling works	"	1		46,388	
	Instruments installing works	"	1		28,800	
	Insulating works	"	1		24,619	
	Painting works	"	1		4,763	
	Cutting & patching works	"	1		18,102	
	Sleeves & inserts works	"	1		9,311	
	Testing works	"	1		9,051	
	Transportation	"	1		10,842	
	Sub-Total:				296,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Marking & inserting & curing works	Set	1		12,480	
	Instruments adjusting works	"	1		12,480	
	Transportation	"	1		13,240	
	Sub-Total:				163,000	
1-4	SEPTIC TANK (MATERIAL COSTS)					
A.	Tank construction materials					
	Materials for temporary works	Set	1		1,755	
	Sand	m ³	2.5	2,070	5,175	
	Bricks	"	1.7	7,650	13,005	
	Reinforced concrete	"	12.5	9,900	123,750	
	Drain concrete	"	0.6	9,900	5,940	
	Reinforcing sheet bar	ton	1.5	63,500	95,250	
	Form wood	m ²	95	1,360	129,200	
	Mortar water proof	"	64.8	1,280	82,944	
	Mortar trower	"	9.1	920	8,372	
	Check plate	Set	1		2,500	
	Manhole covers 450ø	Pcs	3	9,000	27,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Manhole covers 3006	Pcs	2	6,300	12,600	
	Partition plate	Set	1		20,000	
	Macadam	m ³	1.3	4,000	5,200	
	Net	m	7.8	250	1,950	
	Perlite mixed soil	m ³	1.8	10,000	18,000	
	Sub-Total:				552,641	
B.	MECHANICAL WORKS					
	Submersible waste pump 40A x 0.1m ³ /min x 3m x 0.25KW	Pcs	2	46,000	92,000	
	Blower 20A x 0.14m ³ /min x 0.15kg/ cm ² x 0.4KW	"	1		84,000	
	Chrolinator 75Ax300 l	"	1		30,000	
	Defusers 75A x 300 l	"	2	4,000	8,000	
	Painting materials	Set	1		1,500	
	Sub-Total:				215,500	
C.	PIPING WORKS					
	Gate valves BC 5K, 40A	Pcs	2	3,000	6,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Gate valves BC5K, 20A	Pcs	1		960	
	Check valves BC10K, 40A	"	2	3,600	7,200	
	VP 125A	M	4	1,126	4,504	
	" 40A	"	12	204	2,448	
	" 20A	"	2	320	640	
	Fittings	Set	1		6,070	
	Supports	"	1		2,277	
	Sub-Total:				30,099	
D.	ELECTRIC WORKS					
	Control panel	Pcs	1		400,000	
	Level switches	"	2	10,000	20,000	
	Wire & pipe	Set	1		5,000	
	Materials for earthing works	"	1		1,000	
	Sub-Total:				426,000	
	Total:				1,224,240	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
A.	Tank construction works	Set	1		33,345	
	Temporary works	"	1		327,140	
	Earth works	"	1		105,150	
	Concrete works	"	1		22,829	
	Plaster works	"	1		45,000	
	Fittings installing works	"	1		38,000	
	Macadam & net & perlite	"	1		7,000	
	Transportation	"	1		578,464	
	Sub-Total:					
B.	MECHANICAL WORKS					
	Installine works	Set	1		36,000	
	Painting works	"	1		2,500	
	Sub-Total:				38,500	
C.	PIPING WORKS					
	Installine works	Set	1		10,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
1-5	PACKING CHARGES	Set	1		270,600	
	Sub-Total:				270,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2	CLASSROOM AND OFFICE BUILDING					
2-1	Water supply system [Material costs Labor costs]	Set	1	174,000 110,000]	284,000	
2-2	Drainage system [Material costs Labor costs]	"	1	323,000 179,000]	502,000	
2-3	Plumbing fixture [Material costs Labor costs]	"	1	542,000 109,000]	651,000	
2-4	Septic tank [Material costs Labor costs]	"	1	1,079,055 532,640]	1,611,695	
2-5	Packing charges	"	1		176,200	
2-6	Field miscellaneous expenses	"	1		65,105	
	Total:				3,290,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-1	WATER SUPPLY SYSTEM (MATERIAL COSTS)					
	Polyvinyl-chloride lining pipe					
	20A	M	42	473	19,866	
	"	"	12	655	7,860	
	"	"	24	865	20,760	
	"	"	4	1,340	5,360	
	"	"	17	1,927	32,759	
	Fittings for above	Set	1		61,000	
	Painting materials	"	.1		2,970	
	Miscellaneous materials	"	11		9,425	
	Cutting & patching materials	"	1		9,000	
	Sleeves & inserts	"	1		5,000	
	Sub-Total:					174,000
(LABOR COSTS)						
Piping works	Set	1			66,345	
Excavating & back fulling works	"	1			9,765	
Painting works	"	1			3,790	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Cutting & patching works	Set	1		13,730	
	Sleeve & inserts installing works	"	1		6,635	
	Testing works	"	1		6,635	
	Transportation	"	1		3,100	
	Sub-Total:				110,000	
2-2	DRAINAGE SYSTEM (MATERIAL COSTS)					
	S G P (W-S) 40A	M	5	505	2,525	
	Fittings for above	Set	1		1,000	
	L P 40A	M	12	1,150	13,800	
	Junction fittings for above	Set	1		800	
	V P 30 A	M	9	140	1,260	
	" 40A	"	17	204	3,468	
	" 50A	"	28	289	8,092	
	" 65A	"	15	369	5,536	
	" 75A	"	16	561	8,976	
	" 100A	"	61	860	52,460	
	Fittings for above	Set	1		64,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Clean-out (GOA) 50A	Pcs	1		1,640	
	" 65A	"	2	2,130	4,260	
	" 80A	"	1		2,810	
	" 100A	"	1		3,940	
	Floor drains (T-5A) 50A	"	3	3,820	11,460	
	Vent caps (Buried style) 50A	"	2	1,200	2,400	
	Manhole covers (Air-tight & medium weight)					
	350φ	"	3	5,200	15,600	
	450φ	"	1		7,200	
	500φ	"	3	8,600	25,800	
	Soil manholes					
	360 square	Pcs	3	5,708	17,124	
	450 "	"	1		8,282	
	500 "	"	3	11,848	35,544	
	Miscellaneous materials	Set	1		10,000	
	Cutting & patching materials	"	1		10,000	
	Sleeves & inserts	"	1		5,023	
	Sub-Total:				323,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Piping works	Set	1		55,430	
	Concrete basin construction works	"	1		39,713	
	Excavating & back fulling works	"	1		44,388	
	Instruments installing works	"	1		9,000	
	Cutting & patching works	"	1		11,086	
	Sleeves & inserts works	"	1		8,390	
	Testing works	"	1		5,543	
	Transportation	"	1		5,450	
	Sub-Total:				179,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-3	PLUMBING FIXTURE (MATERIAL COSTS)					
	Western style water closets C-21 (T-150NL)	Set	1		38,980	
	Turkish style closets C-97	"	3	27,740	83,220	
	Urinals U-23 (T-6ORN)	"	8	14,970	119,760	
	Lavatories L-221	"	5	22,760	113,800	
	Mirrors TS-119AE5	Pcs	5	9,760	48,800	
	Shelves S-3	"	5	1,550	7,750	
	Liquid soap dispensers TS-126AS	"	5	3,030	15,150	
	Slop sink SK-22A	Set	1		48,220	
	Faucets T-23B-13	Pcs	3	1,330	3,990	
	" T-27-13 (with box)	"	2	6,170	12,340	
	Miscellaneous materials	Set	1		24,990	
	Marking & inserting & curing materials	"	1		25,000	
	Sub-Total:				542,000	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Instruments installing works	Set	1		83,799	
	Marking & inserting & curing works	"	1		8,380	
	Instruments adjustment works	"	1		8,521	
	Transportation	"	1		8,300	
	Sub-Total:				109,000	
2-4	SEPTIC TANK (MATERIAL COSTS)					
A.	Tank construction materials					
	Materials for temporary works					
	Sand	Set	1		1,240	
	Bricks	m ³	1.9	2,070	3,933	
	Reinforced concrete	"	1.3	7,650	9,945	
	Drain concrete	"	8.2	9,900	81,180	
		"	0.4	9,900	3,960	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Reinforcing bar	ton	1.4	63,500	88,900	
	Form wood	m ²	67.9	1,360	92,344	
	Mortar water proof	"	47.6	1,280	60,928	
	Mortar trowel	"	7	920	6,440	
	Check plate	Set	1		2,500	
	Manhole covers 450φ	Pcs	2	9,000	18,000	
	Manhole covers 300φ	"	2	6,300	12,600	
	Partition plate	Set	1		15,000	
	Macadam	m ³	0.9	4,000	3,600	
	Net	m	6.4	250	1,600	
	Perlite mixed soil	m ³	1.1	10,000	11,000	
	Sub-Total:				413,170	
B.	MECHANICAL WORKS					
	Submersible waste pump 40Ax0.1m ³ /min x 3m x 0.25KW	Pcs	2	46,000	92,000	
	Blower 20Ax0.08m ³ /min x 0.12kg/ cm ² x 0.4KW	"	1		84,000	
	Chrolinator 75A x 300ℓ	"	1		30,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Defuser 75A x 300λ	Pcs	1		4,000	
	Painting materials	Set	1		1,500	
	Sub-Total:				211,500	
C.	PIPING WORKS					
	Gate valves BC5K, 40A	pcs	2	3,000	6,000	
	" BC5K, 20A	"	1		960	
	" BC10K, 40A	"	2	3,600	7,200	
	V P 125A	M	4	1,126	4,504	
	" 40A	"	2	815	1,632	
	" 20A	"	2	320	640	
	Fittings for above	Set	1		5,419	
	Supports for above	"	1		2,030	
	Sub-Total:				28,385	
D.	ELECTRICAL WORKS					
	Control panel	pcs	1		400,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Level switches	Pcs	2	10,000	20,000	
	Wire & pipe installing works	Set	1		5,000	
	Materials for earthing works	"	1		1,000	
	Sub-Total:				426,000	
	Total:				1,079,055	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
A.	(LABOR COSTS)					
	Tank construction works	Set	1		23,530	
	Temporary works	"	1		248,722	
	Earth works	"	1		81,546	
	Concrete works	"	1		16,842	
	Plaster works	"	1		42,000	
	Fittings installing works	"	1		36,000	
	Macadam & net & pealite	"	1		6,000	
	Transportation	"	1		454,640	
	Sub-Total:					
B.	MECHANICAL WORKS					
	Installing works	Set	1		36,000	
	Painting works	"	1		2,500	
	Sub-Total:				38,500	
C.	PIPE INSTALLING WORKS					
	Installing works	Set	1		10,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting works	Set	1		500	
	Sub--Total:				10,500	
D.	ELECTRICAL WORKS					
	Board, pipe & wire installing work	Set	1		29,000	
	Sub--Total:				29,000	
	Total:				532,640	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
2-5	PACKING CHARGES Sub-Total:	Set	1		176,200	
					176,200	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3	DORMITORY					
3-1	Water supply system [Material costs [Labor costs	Set	1	1,021,000 527,000	1,548,000	
3-2	Drainage system [Material costs [Labor costs	"	1	1,004,000 452,000	1,456,000	
3-3	PLUMBING FIXTURE [Material costs [Labor costs	"	1	2,011,000 444,000	2,455,000	
3-4	Kitchen equipment [Material costs [Labor costs	"	1	4,090,000 170,000	4,260,000	
3-5	Septic tank [Material cost [Labor cost	"	1	1,286,593 687,122	1,973,715	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-6	Packing charges	Set	1		804,700	
3-7	Field miscellaneous expenses	"	1		250,585	
	Total:				12,748,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-1	WATER SUPPLY SYSTEM (MATERIAL COSTS)					
	Polyvinyl-chloride lining pipe					
	" 20A	M	174	473	82,302	
	" 25A	"	45	655	29,475	
	" 32A	"	23	865	19,895	
	" 50A	"	14	1,340	18,760	
	" 65A	"	49	1,927	94,423	
	" 80A	"	90	2,291	206,190	
	" 100A	"	2	3,127	6,254	
	Fittings for above	Set	1		320,000	
	Supports for above	"	1		69,000	
	Gate valves (JIS-5K)					
	" 20A	Pcs	3	960	2,880	
	" 65A	"	2	8,710	17,420	
	Insulating materials	Set	1		27,897	
	Painting materials	"	1		11,368	
	Miscellaneous materials	"	1		46,136	
	Cutting & patching materials	"	1		46,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sleeves & inserts	Set	1		23,000	
	Sub-Total:				1,021,000	
	(LABOR COSTS)					
	Piping works	Set	1		320,034	
	Excavation & back fulling works	"	1		32,503	
	Instruments installing works	"	1		3,060	
	Insulating works	"	1		11,551	
	Painting works	"	1		14,594	
	Cutting & patching works	"	1		64,007	
	Sleeves & inserts installing works	"	1		33,098	
	Testing works	"	1		32,003	
	Transportation	"	1		16,150	
	Sub-Total:				527,000	
	DRAINAGE SYSTEM (MATERIAL COSTS)					
	SGP (W-S) 40A	M	3	505	1,515	
	65A	"	5	993	4,965	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	SGP (W-S) 100A	M	7	1,706	11,942	
	Fittings for above	Set	1		7,000	
	L P 40A	M	15	1,150	17,250	
	Junction fittings for above	Set	1		5,000	
	V P 30A	M	40	140	5,600	
	" 40A	"	82	204	16,728	
	" 50A	"	90	289	26,010	
	" 65A	"	66	369	24,354	
	" 75A	"	19	561	10,659	
	" 100A	"	146	860	125,560	
	Fittings for above	Set	1		168,000	
	Supports for above	"	1		60,000	
	Clean-out (COA) 40A	Pcs	1		1,500	
	" 50A	"	4	1,640	6,560	
	" 65A	"	5	2,130	10,650	
	" 100A	"	4	3,940	15,760	
	Clean-out (COB) 40A	"	6	2,900	17,400	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Clean-out (COB) 50A	Pcs	1		3,275	
	65A	"	5	4,100	20,500	
	100A	"	2	6,575	13,150	
	Floor drains (T-5A) 50A	"	13	3,820	49,660	
	Floor drains (T-5B) 50A	"	4	3,990	15,960	
	Grease trap (SUS) Basket only	"	1		33,000	
	Vent cap 40A (Buried type)	"	1		1,000	
	50A	"	3	1,200	3,600	
	100A	"	1		2,800	
	Manhole covers 300φ	"	8	4,200	33,600	
	350φ	"	4	5,200	20,800	
	450φ	"	2	7,200	14,400	
	500φ	"	2	8,600	17,200	
	Soil manholes 360 square	"	4	5,708	22,832	
	450 "	"	2	8,282	16,564	
	500 "	"	2	11,848	23,696	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Waste manholes 300 square	Pcs	8	4,833	38,664	
	500 "	"	1		12,735	
	Insulating materials	Set	1		55,745	
	Miscellaneous materials	Set	1		25,366	
	Cutting & patching materials	"	1		25,000	
	Sleeves & inserts	"	1		18,000	
	Sub-Total:				1,004,000	
	(LABOR COSTS)					
	Piping works	Set	1		137,025	
	Concrete basin construction works	"	1		81,840	
	Excavation & back filling works	"	1		85,978	
	Instruments installing works	"	1		45,900	
	Insulating works	"	1		23,111	
	Cutting & patching works	"	1		27,405	
	Sleeves & inserts installing works	"	1		21,438	
	Testing works	"	1		13,703	
	Transportation	"	1		15,600	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-Total:				452,000	
3-3	PLUMBING FIXTURE (MATERIAL COSTS)					
	Western style water closet C-21(T-150NL)	Set	1		38,980	
	Turkish style closets C-97	"	7	27,740	194,180	
	Urinals U-23 (T-60RN)	"	9	14,970	134,730	
	Lavatories L-221	"	27	22,760	614,520	
	Mirrors TS-119AE5	Pcs	27	9,760	263,520	
	Shelves S-3	"	27	1,550	41,850	
	Liquid soap-dispensers TS-126AS	"	27	3,030	81,810	
	Slop sinks SK-22A	Set	4	48,220	192,880	
	Laundry sinks SK-504	"	7	21,180	148,260	
	Shower sets TGB-19C	"	6	13,610	81,660	
	Faucets T-23B-13	Pcs	7	1,330	9,310	
	" T-130AR-13	"	5	2,780	13,900	
	" T-27-13 (with box)	"	2	6,170	12,340	
	Miscellaneous materials	Set	1		91,060	
	Marking & inserting & curing materials	"	1		92,000	
	Sub-Total:				2,011,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Instruments installing works	Set	1		344,832	
	Marking & inserting & curling works	"	1		34,483	
	Instruments adjusting works	"	1		34,035	
	Transportation	"	1		30,650	
	Sub-Total:				444,000	
3-4	KITCHEN EQUIPMENT (MATERIALS)					
	Reach-in refrigerator 1200x800x1900	Set	1		734,000	
	Rack 1800x750x1800	"	1		107,000	
	2--compt sink 1200x750x850	"	1		95,000	
	Table 1800x600x850	"	2	42,000	84,000	
	Electric range 1000x1000x850	"	1		800,000	
	Electric fryer w/table 500x1000x850	"	1		557,000	
	Table 1050x1000x850	"	1		57,000	
	Table 1700x900x850	"	2	62,000	124,000	
	Rice washer 460ø x 800M	"	1		62,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Electric rice cooker 690x710x1264	Set	1		440,000	
	Table 1500x750x850	"	2	42,000	84,000	
	Soiled dish table 1200x750x850	"	1		77,000	
	3-compt sink 1800x750x850	"	1		199,000	
	Clean table 1200x750x850	"	1		52,000	
	Dish sterilizer cabinet 1050x550x1870	"	1		462,000	
	URN table	"	1		47,000	
	Water URN	"	1		109,000	
	Sub-Total:				4,090,000	
	(LABOR COSTS)					
	Adjusting & installing work	Set	1		108,000	
	Transportation	"	1		62,000	
	Sub-Total:				170,000	
3-5	SEPTIC TANK (Material costs)					
A.	Tank construction materials					
	Materials for temporary works	Set	1		1,989	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sand	m ³	2.9	2,070	6,003	
	Bricks	"	2.0	7,650	15,300	
	Reinforced concrete	"	14.3	9,900	141,570	
	Drain concrete	"	0.7	9,900	6,930	
	Reinforcing steel bar	ton	1.6	63,500	101,600	
	Form wood	m ²	103.6	1,360	140,896	
	Mortar water proof	"	72.3	1,280	92,544	
	Mortar trowel	"	9.8	920	9,016	
	Steel check plate	Set	1		2,500	
	Manhole covers 450φ	pcs	3	9,000	27,000	
	Manhole covers 300φ	"	2	6,300	12,600	
	Partition plate	Set	1		21,600	
	Macadam	m ³	1.7	4,000	6,800	
	Net	m	6.5	250	1,625	
	Perlite mixed soil	m ³	2.3	10,000	23,000	
	Sub-Total:				610,973	
B.	MECHANICAL WORKS					
	Submersible waste pump	pcs	2	46,000	92,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	40Ax0.1m ³ /minx3mx0.25KW					
	Blower	Pcs	1		84,000	
	20Ax0.17m /min x 0.15kg/ cm x 0.4 KW	"	1		30,000	
	Chrolinator 75A x 300ℓ	"	2	4,000	8,000	
	Defusers 75A x 300ℓ	Set	1		1,500	
	Painting materials					
	Sub-Total:				215,500	
C.	PIPING WORKS					
	Gate valves BC5K 40A	Pcs	2	3,000	6,000	
	" BC5K 20A	"	1		960	
	Check valves BC10K 40A	"	2	3,600	7,200	
	VP 150A	M	4	1,724	6,896	
	" 40A	"	12	204	2,448	
	" 20A	"	8	80	640	
	Fittings for above	Set	1		6,982	
	Supports for above	"	1		2,994	
	Sub-Total:				34,120	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
D.	ELECTRICAL WORKS					
	Control panel	Pcs	1		400,000	
	Level switches	"	2	10,000	20,000	
	Wire & pipe	Set	1		5,000	
	Materials for earthing works	"	1		1,000	
	Sub-Total:				426,000	
	Total:				1,286,593	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
A.	(LABOR COSTS)					
	Septic tank construction works					
	Temporary works	Set	1		37,791	
	Earth works	"	1		349,217	
	Concrete works	"	1		107,724	
	Plaster works	"	1		25,390	
	Fittings installing works	"	1		44,000	
	Macadam & Net & Perlite	"	1		38,000	
	Transportation	"	1		7,000	
	Sub-Total:				609,122	
B.	MECHANICAL WORKS					
	Installing works	Set	1		36,000	
	Painting works	"	1		2,500	
	Sub-Total:				38,500	
C.	PIPE INSTALLING WORKS					
	Installing works	Set	1		10,000	
	Painting works	"	1		1,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-Total:				10,500	
	ELECTRICAL WORKS					
	Board, pipe & wire installing work	Set	1		29,000	
	Sub-Total:				29,000	
	Total:				687,122	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
3-6	PACKING CHARGES	Set	1		804,700	
	Sub-Total:				804,700	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4	CAFETERIA					
4-1	Water supply system [Material costs [Labor costs	Set	1	283,000 192,000	475,000	
4-2	Drainage system [Materials costs [Labor costs	"	1	210,000 112,000	322,000	
4-3	Plumbing fixture [Materials costs [Labor costs	"	1	530,000 102,000	632,000	
4-4	Kitchen equipment [Material costs [Labor costs	"	1	13,187,000 548,000	13,735,000	
4-5	Septic tank [Materials cost [Labor costs	"	1	841,458 395,750	1,237,208	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Packing charges	Set	1		1,328,000	
	Field miscellaneous expenses	"	1		354,792	
	Total:				18,084,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-1	WATER SUPPLY SYSTEM (MATERIALS COSTS)					
	Polyvinyl-chloride lining pipe	M	116	473	54,868	
	20A	"	25	655	16,375	
	"	"	9	865	7,785	
	"	"	16	995	15,920	
	"	"	17	1,340	22,780	
	"	"	11	1,927	21,197	
	Fittings for above	Set	1		97,000	
	Gate valves (JIS-5K)					
	20A	Pcs	6	960	5,760	
	Painting materials	Set	1		5,790	
	Miscellaneous materials	"	1		14,525	
	Cutting & patching materials	"	1		14,000	
	Sleeves & inserts	Set	1		7,000	
	Sub-Total:				283,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Piping works	Set	1		112,947	
	Excavation & back fulling works	"	1		18,553	
	Instruments installing works	"	1		1,800	
	Painting works	"	1		7,330	
	Cutting & patching works	"	1		23,000	
	Sleeves & inserts installing works	"	1		12,000	
	Testing works	"	1		12,000	
	Transportation	"	1		4,370	
	Sub-Total:				192,000	
4-2	DRAINAGE SYSTEM					
	SGP (W-S) 65A	M	2	993	1,986	
	Fittings for above	Set	1		800	
	LP 40A	M	2	1,150	2,300	
	Junction fittings for above	Set	1		700	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	VP 40A	M	51	204	10,404	
	" 50A	"	38	289	10,982	
	" 65A	"	37	369	13,653	
	" 75A	"	3	561	1,683	
	" 100A	"	22	860	18,920	
	Fittings for above	Set	1		44,500	
	Clean-out (COA) 50A	Pcs	2	1,640	3,280	
	" 65A	"	3	2,130	6,390	
	" 100A	"	1		3,940	
	Floor drains (T-5A)	"	2	3,820	7,640	
	Grease trap (Basket only) (SUS)	"	1		33,000	
	Vent cap (Buried type) 40A	"	1		1,000	
	" 65A	"	1		1,550	
	Manhole (air-tight & medium weight) covers 300φ	"	1		4,200	
	" 350φ	"	2	5,200	10,400	
	Soil manholes 360 square	"	1		5,708	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Waste manholes 300 square	Pcs	1		4,833	
	" 360 "	"	1		6,554	
	Miscellaneous materials	Set	1		6,000	
	Cutting & patching materials	"	1		6,000	
	Sleeves & inserts	"	1		3,577	
	Sub-Total:				210,000	
	(LABOR COSTS)					
	Piping works	Set	1		35,028	
	Concrete basin construction works	"	1		12,809	
	Excavating & back fulling works	"	1		23,994	
	Instruments installing works	"	1		14,400	
	Cutting & patching works	"	1		10,000	
	Sleeves & inserts installing works	"	1		7,500	
	Testing works	"	1		5,000	
	Transportation	"	1		3,269	
	Sub-Total:				112,000	
4-3	PLUMBING FIXTURES (MATERIALS)					
	Western style water closets C-21 (T-150NL)	Set	1		38,980	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Turkish style closet C-97	Set	1		27,740	
	Urinal U-23 (T-6ORN)	"	1		14,970	
	Lavatories L-221	"	7	22,760	159,320	
	Wash basins L-5B	"	4	9,330	37,320	
	Mirrors TS-119AE5	Pcs	7	9,760	68,320	
	Shelves S-3	"	7	1,550	10,850	
	Liquid soap-dispensers TS-126AS	"	11	3,030	33,330	
	Slop sink SK-22A	Set	1		48,220	
	Faucets T-130AR-13	Pcs	11	2,780	30,580	
	" T-27-13 (with box)	"	2	6,170	12,340	
	Miscellaneous materials	Set	1		24,000	
	Marking & inserting & curing materials	"	1		24,030	
	Sub-Total:				530,000	
	(LABOR COSTS)					
	Instrument installing works	Set	1		77,505	
	Marking & inserting & curing works	"	1		8,000	
	Instruments installing works	"	1		8,000	
	Transportation	"	1		8,495	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-Total:				102,000	
4-4	KITCHEN EQUIPMENT (MATERIAL COSTS)					
	Walk-in refrigerator (prefab) 3600x1800x2280	Set	1		2,417,000	
	Sinks 1200x750x850	"	2	79,000	158,000	
	Tables 1400x1200x850	"	2	97,000	194,000	
	Tables 1300x1200x850	"	2	95,000	190,000	
	Sink 1200x750x850	"	1		79,000	
	Pack 1800x750x1800	"	1		107,000	
	Pan sink 750x750x850	"	1		62,000	
	Rice washer 570ø x 800H	"	1		69,000	
	Electric rice cooker 690x710x1321	"	1		624,000	
	Electric braising pans 1090x960x900	"	4	659,000	2,636,000	
	Electric range 2200x1000x850	"	1		1,609,000	
	Electric fryersw/table 500x1000x850	"	2	557,000	1,114,000	
	Table 1100x1000x850	"	1		57,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Table 1500x900x850	Set	1		45,000	
	Tables 1800x750x850	"	2	44,000	88,000	
	Tables 1800x750x850	"	2	180,000	360,000	
	Tables 1800x750x850	"	2	180,000	360,000	
	Shower sink 3000x1200x850	"	1		660,000	
	2-comp sinks 1800x750x850	"	2	120,000	240,000	
	Clean tables 1500x750x850	"	2	57,000	114,000	
	Dish sterilizer cabinet 2980x950x1870	"	1		1,158,000	
	Pan racks 1500x750x1800	"	2	112,000	224,000	
	URN tables 1500x750x850 ET-40	"	2	149,000	298,000	
	Bottle coolers RC-3209MA	"	2	162,000	324,000	
	Sub-Total:				13,187,000	
	(LABOR COSTS)					
	Adjusting & installing works	Set	1		348,000	
	Transportation	"	1		200,000	
	Sub-Total:				548,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-5	SEPTIC TANK (Material cost)					
A.	Tank construction materials					
	Materials for temporary works	Set	1		730	
	Sand	m ³	1.1	2,070	2,277	
	Brick	"	0.7	7,650	5,355	
	Reinforced concrete	"	4.4	9,900	43,560	
	Drain concrete	"	0.2	9,900	1,980	
	Reinforcing bar	ton	0.8	63,500	50,800	
	Form wood	m ²	39	1,360	53,040	
	Mortar water proof	"	22.6	1,280	28,928	
	Mortar trowel	"	5.2	920	4,784	
	Check plate	set	1		2,500	
	Manhole covers 450φ	pcs	2	9,000	18,000	
	Manhole cover 300φ	"	1		6,300	
	Partition plate	Set	1		10,500	
	Macadam	m ³	0.3	4,000	1,200	
	Net	m	2.1	250	525	
	Perlite mixed soil	m ³	0.3	10,000	3,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-Total:				233,479	
B.	MECHANICAL WORKS					
	Submersible waste pump 40A x 0.1m ³ /min x 3m x 0.25KW	Pcs	2	46,000	92,000	
	Blower 20A x 0.03m ³ /min x 0.1kg/cm ² x 30W	"	1		30,000	
	Chrolinator 75A x 300 l	"	1		30,000	
	Difuser 75A x 300 l	"	1		4,000	
	Painting materials	Set	1		500	
	Sub-Total:				156,500	
C.	PIPE INSTALLING WORKS					
	Gate valves BC5K, 40A	Pcs	2	3,000	6,000	
	" BC5K, 20A	"	1		960	
	Check valves BC10K, 40A	"	2	3,600	7,200	
	VP 100A	M	4	860	3,440	
	" 40A	"	8	204	1,632	
	" 20A	"	4	80	320	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Fittings for above	Set	1		4,310	
	Supports for above	Set	1		1,617	
	Sub-Total:				25,479	
D.	ELECTRIC WORKS					
	Control panel	pcs	1		400,000	
	Level switches	"	2	10,000	20,000	
	Wire & pipe	Set	1		5,000	
	Materials for earthing works	Set	1		1,000	
	Sub-Total:				426,000	
	Total:				841,458	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
A.	Tank construction works					
	Temporary works	Set	1		13,800	
	Earth works	"	1		174,202	
	Concrete works	"	1		46,320	
	Plaster works	"	1		8,428	
	Fixture installing works	"	1		40,000	
	Macadam & net & perlite	"	1		32,000	
	Transportation	"	1		5,000	
	Sub-Total:				319,750	
B.	MECHANICAL WORKS					
	Installing works	Set	1		36,000	
	Painting works	"	1		2,500	
	Sub-Total:				38,500	
C.	PIPE INSTALLING WORKS					
	Installing works	Set	1		8,000	
	Painting works	"	1		500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Sub-Total:				8,500	
D.	ELECTRIC WORKS					
	Board & pipe & wire installing work	Set	1		29,000	
	Sub-Total:				29,000	
	Sub-Total:				395,750	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
4-6	PACKING CHARGES	Set	1		1,328,000	
	Sub-Total:				1,328,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5	TRAINING ROOM					
5-1	Water supply system [Material costs Labor costs	Set	1	261,000 166,000	427,000	
5-2	Drainage system [Material costs Labor costs	"	1	97,000 99,000	196,000	
5-3	Plumbing fixture [Material costs Labor costs	"	1	559,000 99,000	658,000	
5-4	Air lining works [Material costs Labor costs	"	1	420,000 281,000	701,000	
5-5	Engine exhaust works [Material costs Labor costs	"	1	93,000 82,000	175,000	
5-6	Packing charges	"	1		113,300	
	Field miscellaneous materials	"	1		45,700	
	Total:				2,316,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Piping works	Set	1		96,342	
	Excavating & back-filling works	"	1		16,740	
	Instruments installing works	"	1		1,500	
	Insulation works	"	1		459	
	Painting works	"	1		6,164	
	Cutting & patching works	"	1		20,000	
	Sleeves & Inserts Installing works	"	1		10,000	
	Testing works	"	1		10,000	
	Transportation	"	1		4,795	
	Sub-Total				166,000	
	DRAINAGE SYSTEM (MATERIAL COSTS)					
	V.P 30A	M	22	140	3,080	
	" 40A	"	77	204	15,708	
	" 50A	"	52	289	15,028	
	Fittings for above	Set	1		27,000	
	Clean-out (COA) 50A	Pcs	6	1,640	9,840	

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NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Waste fittings (C) 40A	Pcs	5	3,100	15,500	
	Vent caps (Buried type) 40A	"	3	1,000	3,000	
	Miscellaneous materials	Set	1		3,000	
	Cutting & patching materials	"	1		3,000	
	Sleeves & inserts	"	1		1,844	
	Sub-Total				97,000	
	(LABOR COSTS)					
	Piping works	Set	1		23,148	
	Excavating & back fulling works	"	1		46,788	
	Instruments installing works	"	1		12,600	
	Cutting & patching works	"	1		7,000	
	Sleeves & inserts installing works	"	1		4,000	
	Testing works	"	1		4,000	
	Transportation	"	1		1,464	
	Sub-Total				99,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
5-3	PLUMBING FIXTURE (MATERIAL COSTS)					
	Lavatories L-221	Set	14	22,760	318,640	
	Mirrors TS-119AE5	Pcs.	14	9,760	136,640	
	Shelves S-3	"	14	1,550	21,700	
	Liquid soap-dispensers TS-126AS	"	14	3,030	42,420	
	Faucets T-27-13 (with boxes)	"	2	6,170	12,340	
	Miscellaneous materials	Set	1		27,260	
	Sub-Total				559,000	
	(LABOR COSTS)					
	Instruments installing works	Set	1		82,380	
Adjusting works	"	1		8,000		
Transportation	"	1		8,620		
Sub-Total				99,000		
5-4	AIR LINING WORKS (MATERIAL COSTS)					
	SPG (W-S) 15A	M	79	184	14,536	
	" 25A	"	29	330	9,570	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	SPG (W-S) 32A	M	172	439	75,508	
	" 50A	"	6	693	4,185	
	Fittings for above	Set	1		60,000	
	Supports for above	"	1		30,000	
	Stop valves (16K) 15A	Pcs	27	4,430	119,610	
	" 25A	"	1		6,090	
	" 32A	"	4	7,890	31,560	
	Y-Strainers (16K) 15A	"	3	2,780	8,340	
	Traps 15A	"	3	8,200	24,600	
	Painting materials	Set	1		10,914	
	Miscellaneous materials	"	1		10,114	
	Cutting & patching materials	"	1		10,000	
	Sleeves & inserts	"	1		5,000	
	Sub-Total				420,000	
	(LABOR COSTS)					
	Piping works	Set	1		174,405	
	Excavating & back fulling works	"	1		4,045	

NO	ITEM AND DESCRIPTION	UNTS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Instruments installing works	Set	1		12,330	
	Painting works	"	1		13,830	
	Cutting & patching works	"	1		30,000	
	Sleeves & inserts installing works	"	1		20,000	
	Testing works	"	1		20,000	
	Transportation	"	1		6,390	
	Sub-Total				281,000	
5-5	ENGINE EXHAUST WORKS					
	S G P (W) 65A	M	42	993	41,706	
	Fittings for above	Set	1		25,100	
	Supports for above	"	1		6,300	
	Vermin proof nets 65A	Pcs.	5	1,800	9,000	
	Painting materials	Set	1		1,997	
	Miscellaneous materials	"	1		4,897	
	Cutting & patching materials	"	1		2,000	
	Sleeves & inserts	"	1		2,000	
	Sub-Total				93,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	(LABOR COSTS)					
	Piping works	Set	1		52,038	
	Instruments installing works	"	1		4,500	
	Painting works	"	1		2,568	
	Cutting & patching works	"	1		9,000	
	Sleeves & inserts installing works	"	1		6,000	
	Testing works	"	1		6,000	
	Transportation	"	1		1,894	
	Sub-Total				82,000	
5-6	PACKING CHARGES	Set	1		113,300	
	Sub-Total				113,300	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6	CHECK GATE					
6-1	Water supply system [Material costs Labor costs]	Set	1	39,000 26,000]	65,000	
6-2	Drainage system [Material costs Labor costs]	"	1	69,000 49,000]	118,000	
6-3	Plumbing fixture [Material costs Labor costs]	"	1	90,000 19,000]	109,000	
6-4	Septic tank [Material costs Labor costs]	"	1	841,458 395,750]	1,237,208	
6-5	Packing charges	"	1		87,500	
	Field miscellaneous expenses	"	1		33,292	
	Total				1,650,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-1	WATER SUPPLY SUSTEM (MATERIAL COSTS)					
	Polyvinyl-chloride 20A lining pipe	M	13	473	6,149	
	" 25A	"	3	655	1,965	
	" 32A	"	5	865	4,325	
	" 50A	"	5	1,340	6,700	
	Fittings for above	Set	1		13,400	
	Painting materials	"	1		640	
	Miscellaneous materials	"	1		2,000	
	Cutting & patching materials	"	1		2,821	
	Sleeves & inserts	"	1		1,000	
	Sub-Total				39,000	
	(LABOR COSTS)					
	Piping works	Set	1		15,501	
	Excavating & back fulling works	"	1		2,092	
	Painting works	"	1		810	
	Cutting & patching works	"	1		3,100	
	Sleeves & inserts installing works	"	1		2,097	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Testing works	Set	1		1,550	
	Transportation	"	1		850	
	Sub-Total				26,000	
6-2	DRAINAGE SYSTEM (MATERIAL COSTS)					
	L P 40A	M	2	1,150	2,300	
	Junction fittings for above	Set	1		700	
	VP 30A	M	4	140	560	
	" 40A	"	19	204	3,876	
	" 50A	"	20	289	5,780	
	" 65A	"	9	369	3,321	
	" 75A	"	7	561	3,927	
	" 100A	"	2	860	1,720	
	Fittings for above	Set	1		15,400	
	Clean-out (COA) 50A	Pcs.	1		1,640	
	" 80A	"	1		2,810	
	Floor drain (T-5A) 50A	"	1		3,820	
	Sink drain (T-14A) 40A	"	1		3,490	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Vent cap (Buried type) 50A	Pcs.	1		1,200	
	Manhole (Air tight & medium weight) covers 350ø	"	1		5,200	
	Soil manholes 360 square	Pcs.	1		5,708	
	Insulating materials	Set	1		1,518	
	Miscellaneous materials	"	1		2,730	
	Cutting & patching materials	"	1		2,200	
	Sleeves & inserts	"	1		1,100	
	Sub-Total				69,000	
	(LABOR COSTS)					
	Piping works	Set	1		13,986	
	Concrete basin construction works	"	1		4,150	
	Excavating & back fulling works	"	1		18,395	
	Instruments installing works	"	1		4,500	
	Insulating works	"	1		630	
	Cutting & patching works	"	1		2,098	
	Sleeves & inserts installing works	"	1		2,492	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Testing works	Set	1		1,399	
	Transportation	"	1		1,350	
	Sub-Total				49,000	
6-3	SANITORY FIXTURE (MATERIAL COSTS)					
	Turkish style closet C-97	Set	1		27,740	
	Urinal U-23 (T-60RN)	"	1		14,970	
	Lavatory L-221	"	1		22,760	
	Mirror TS-119AE5	Pcs.	1		9,760	
	Shelf S-3	"	1		1,550	
	Liquid soap-dispenser TS-126AS	"	1		3,030	
	Faucets T-23B-13	"	1		1,330	
	Miscellaneous materials	Set	1		4,000	
	Marking & inserting & curing materials	"	1		4,860	
	Sub-Total				90,000	
	(LABOR COSTS)					
	Instruments installing works	Set	1		14,493	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Marking, Inserting & curing works	Set	1		1,442	
	Adjusting works	"	1		1,558	
	Transportation	"	1		1,500	
	Sub-Total				19,000	
6-4	SEPTIC TANK (MATERIAL COSTS)					
A.	Tank construction materials					
	Materials for temporary works	Set	1		730	
	Sand	m ³	1.1	2,070	2,277	
	Brick	"	0.7	7,650	5,355	
	Reinforced concrete	"	4.4	9,900	43,560	
	Drain concrete	"	0.2	9,900	1,980	
	Reinforcing bar	ton	0.8	63,500	50,800	
	Form wood	m ²	39	1,360	53,040	
	Mortar water proof	"	22.6	1,280	28,928	
	Mortar trowel	"	5.2	920	4,784	
	Check plate	Set	1		2,500	
	Manhole covers 450φ	Pcs	2	9,000	18,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Manhole covers 300φ	Pcs.	1		6,300	
	Partition plate	Set	1		10,500	
	Macadam	m ³	0.3	4,000	1,200	
	Net	m	2.1	250	525	
	Perlite mixed soil	m ³	0.3	10,000	3,000	
	Sub-Total				233,479	
B.	MECHANICAL WORKS					
	Submersible waste pump 40Ax0.1m ³ /minx3mx0.25KW	Pcs.	2	46,000	92,000	
	Blower 20Ax0.03m ³ /minx0.1kg/cm ² x30W	"	1		30,000	
	Chrolinator 75Ax300ℓ	"	1		30,000	
	Defuser 75Ax300ℓ	"	1		4,000	
	Painting materials	Set	1		500	
	Sub-Total				156,500	
C.	PIPE INSTALLING WORKS					
	Gate valves BC 5K 40A	Pcs.	2	3,000	6,000	
	BC 5K 20A	"	1		960	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Check valves BC10K 40A	Pcs.	2	3,600	7,200	
	VP 100A	M	4	860	3,440	
	" 40A	"	8	204	1,632	
	" 20A	"	1		320	
	Fittings for above	Set	1		4,310	
	Supports for above	"	1		1,617	
	Sub-Total				25,479	
D.	ELECTRIC WORKS					
	Control panels	Pcs.	1		400,000	
	Level switches	"	2	10,000	20,000	
	Wire & pipe	Set	1		5,000	
	Materials for earthing works	"	1		1,000	
	Sub-Total				426,000	
	Total				841,458	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
A.	(LABOR COSTS)					
	Tank construction works					
	Temporary works	Set	1		13,800	
	Earth works	"	1		174,202	
	Concrete works	"	1		46,320	
	Plaster works	"	1		8,428	
	Fittings installing works	"	1		40,000	
	Macadam, net & Perlite	"	1		32,000	
	Transportation	"	1		5,000	
	Sub-Total				319,750	
B.	MECHANICAL WORKS					
	Installing works	Set	1		36,000	
	Painting works	"	1		2,500	
	Sub-Total				38,500	
C.	PIPE INSTALLING WORKS					
	Installing works	Set	1		8,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Painting works	Set	1		500	
	Sub-Total				8,500	
D.	ELECTRIC WORKS					
	Board, pipe & wire installing works	Set	1		29,000	
	Sub-Total				29,000	
	Total				395,750	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
6-5	PACKING CHARGE	Set	1		87,500	
	SubTotal				87,500	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7	AIR COMPRESSOR HOUSE					
7-1	Water supply system [Material costs Labor costs]	Set	1	27,000 14,000]	41,000	
7-2	Cooling water system for compressor [Material costs Labor costs]	N	1	1,249,000 257,000]	1,506,000	
7-3	Packing charges	N	1		101,000	
7-4	Field miscellaneous expenses	N	1		33,000	
	Total				1,681,000	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
7-1	WATER SUPPLY SYSTEM (MATERIAL COSTS)					
	Polyvinyl-chloride lining pipe 20A	M	17	473	8,041	
	Fittings for above	Set	1		5,700	
	Supports for above	"	1		1,300	
	Gate valves (JIS-5K) 20A	Pc.	2	960	1,920	
	Insulating materials	Set	1		7,850	
	Painting materials	"	1		830	
	Miscellaneous materials	"	1		1,359	
	Sub-Total				27,000	
	(LABOR COSTS)					
	Piping works	Set	1		7,191	
	Excavating & back fulling works	"	1		697	
	Instruments installing works	"	1		600	
	Insulating works	"	1		3,260	
	Painting works	"	1		1,070	
	Testing works	"	1		719	

NO	ITEM AND DESCRIPTION	UNITS	QUANTITIES	UNIT COST	TOTAL	REMARKS
	Transportation	Set	1		463	
	SubTotal				14,000	