

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2L1.21	B08, Closed Reel Rinse Wall Mounted with Gun and Control Panel and Sag wash Sanitizer	no.	1	
Priceltem	2L1.22	B09, Stainless Steel Working Table w/ Under Shelf, Splash Back	no.	3	
Priceltem	2L1.23	B10, Stainless Steel Two Bowls Sink Unit, Bowl size 600x500x350	no.	1	
Priceltem	2L1.24	B11, Insect Killer Ceiling Mounted	no.	3	
Priceltem	2L1.25	B12, Stainless Steel Working Table w/ Under Shelf & Splash Back	no.	2	
Priceltem	2L1.26	B13, Stainless Steel Work Table w/ Bowl, Back Splash & Under Shelf	no.	1	
Priceltem	2L1.27	B14, Stainless Steel wall mounted open cabinet	no.	6	
Priceltem	2L1.28	B15, Stainless Steel wall mounted open cabinet	no.	2	
Priceltem	2L1.29	B16, Antimicrobial shelving unit 5 tiers and 74" post	no.	2	
Priceltem	2L1.30	B17, Antimicrobial shelving unit 5 tiers and 74" post	no.	3	
Priceltem	2L1.31	Walk-in coolers; Shall be prefabricated, of modular design and construction, standard wall and ceiling, panels shall be nominal 100 mm in width and shall be interchangeable. Each room shall be fitted with one door according to the drawings 900X200mm swing type and door shall be flush type finished in and out to match with the wall. Dimensions (mm) 4650x2800x3000Heigh overall t; Power = 1.50kW; Power supply= 240/50/1	no.	1	
Note	-	Contractor's Adjustment			
Priceltem	2L1.32	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION N - SPECIAL CONSTRUCTION			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION N/1 - SPECIAL CONSTRUCTION			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	SWIMMING POOLS			
Note	-	Supply and install the following			
Note	-	AIRCONDITIONING & VENTILATION SYSTEM			
Note	-	INDOOR POOL DEHUMIDIFICATION UNIT			
Note	-	Supply and install packaged dehumidification unit of rotary type, employing the principle of chemical absorption to remove moisture from the air on a continuous basis by use of desiccant synthesized on fluted type media rotor form, complete all in accordance with the drawing and specification			
Priceltem	2N1.01	(DHU-FF-01), floor mounted ducted type, Air Flow rate 4725 L/sec, Unit size 2608x1105x1566mm	no.	1	
Note	-	Fan Coil Unit			
Priceltem	2N1.02	FCU-07	no.	1	
Note	-	AIR FILTRATION			
Note	-	Diffusers, Registers and Grilles			
Priceltem	2N1.03	SD-03, Supply Diffuser, 300X300mm (121.200L/S)	no.	12	
Priceltem	2N1.04	SD-06, Supply Diffuser, 525X525mm (401.550L/S)	no.	11	
Priceltem	2N1.05	RD-05 Return Diffuser, 450X450mm (281.400L/S)	no.	20	
Note	-	Supply and install the following			
Priceltem	2N1.06	(CDHW/1&2) . Central domestic Water Heater (Solar/Electric) @ 1st Floor Changer room, Vertical storage tank, Dual energy (Solar &electric) with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc, 2500 lts. storage each, 10 Bar working pressure, 2 x 22 kW input @ 400V/3Ph/50Hz	no.	1	
Priceltem	2N1.07	HWCP/1&2 . Hot Water Circulating Pump, inline centrifugal 2 nos pumps (1 duty+1 standby), capacity is 3.50m3/hour at 7.5m of total dynamic head and motor 2x235W, 230V,1phase, 50Hz and automatic control panel with timer, mounting bracket for pump assembly etc. (@ FF)	no.	1	
Priceltem	2N1.08	Item 1 & Item 3, Swimming pool filter pump coupled single stage centrifugal end suction type of 1450RPM ready for electrical and mechanical hook up, with motors, valves, fittings, gauges, control panel and trim, capacity 46m3/hr @33m head. Electrical supply 10kW at 415 V/3 PH/50Hz, 2 Duty Pumps	no.	1	
Priceltem	2N1.09	Item 2, Sand filter for 24.00 m3/hr. capacity flow complete with all accessories	no.	2	
Priceltem	2N1.10	Item 4, Quadruple duty valve, iron body, bronze/stainless steel trim combined isolation, balancing and check valve with calibration stop and metering ports, furnish one no. flow meter	no.	2	
Priceltem	2N1.11	Item 5, Natural fresh water oxygen system, (Type - Patented algaecide and oxygen plates complete with chambers and complete control system	no.	1	
Priceltem	2N1.12	Item 6, 200Ø Surge Tank Float Valve	no.	1	
Priceltem	2N1.13	Item 7, Surge Tank Suction Strainer with Foot Valve	no.	1	
Priceltem	2N1.14	Item 8, Surge Tank Overflow 150mmØ	no.	1	
Priceltem	2N1.15	Item 9, Modulating Float Valve	no.	1	
Priceltem	2N1.16	Item 10, Motor control center, cubicle type, custom fabricated for the control of all swimming pool equipment	no.	1	
Priceltem	2N1.17	Item 11, 400 x 400mm Drain Pit Grating	no.	1	
Priceltem	2N1.18	Item 12, 800 x 800mm Access Cover	no.	1	
Priceltem	2N1.19	Item 13, Stainless Steel Ladder with Guard	no.	1	

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Priceltem	2N1.20	Item 14, 350 x 350mm Grate & Frame	no.	4	
Priceltem	2N1.21	Item 15, Gutter Drain	no.	32	
Priceltem	2N1.22	Item 16, Pool Inlet Fitting (Bottom)	no.	16	
Priceltem	2N1.23	Item 17, Vacuum Fitting	no.	6	
Priceltem	2N1.24	Item 18, Flow Regulating Valve (Globe Valve)	no.	1	
Priceltem	2N1.25	Item 19, Floor Clean out	no.	7	
Priceltem	2N1.26	Item 20, Pool Ladder . 3 Tread	no.	1	
Priceltem	2N1.27	Item 21, Pool Ladder . 4 Tread	no.	1	
Priceltem	2N1.28	Item 22, PH Control Unit	no.	1	
Priceltem	2N1.29	Item 23, Heat Exchanger (Heating)	no.	1	
Priceltem	2N1.30	Item 24, Pool Heater (Electrical)	no.	1	
Priceltem	2N1.31	Item 25, Priming tank	no.	1	
Priceltem	2N1.32	Pool return pipe 75mm dia	no.	12	
Priceltem	2N1.33	Pool return pipe 110mm dia	no.	8	
Priceltem	2N1.34	Pool return pipe 160mm dia	no.	22	
Priceltem	2N1.35	Pool return pipe 200mm dia	no.	28	
Priceltem	2N1.36	Pool return pipe 300mm dia	no.	3	
Priceltem	2N1.37	Drain pipe 160mm dia	no.	35	
Priceltem	2N1.38	Drain pipe 200mm dia	no.	27	
Priceltem	2N1.39	Pool supply pipe 40mm dia	no.	32	
Priceltem	2N1.40	Pool supply pipe 65mm dia	no.	13	
Priceltem	2N1.41	Pool supply pipe 75mm dia	no.	96	
Priceltem	2N1.42	Vacuum pipe	no.	69	
Note	-	SOLAR PANEL SYSTEM			
Note	-	The scope of work entails the installation of a complete grid connected roof mounted solar heating power system comprising of module support structures Contractor shall appoint specialized Solar Panel contractor (approved by the Engineer).The Solar Panel contractor shall be responsible for complete supply, installation, testing & commissioning of a solar heating system sized appropriately as described herein with drawing and specifications			
Note	-	Supply and install the following			
Priceltem	2N1.43	Solar Panel (solar collectors, 2380x832mm) for Changing room including supply, return piping, air cooled heat diverter and air vent etc.	no.	24	
Priceltem	2N1.44	Solar Panel (solar collectors, 2380x832mm) for Swimming pool including supply, return piping, air cooled heat diverter and air vent etc.	no.	24	
Note	-	Contractor's Adjustment			
Priceltem	2N1.45	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION P - CONVEYING SYSTEM			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION P/1 - CONVEYING SYSTEM			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	ELECTRIC TRACTION ELEVATORS			
Note	-	Supply and install Elevator including car, and landing doors, landing door frames, controls, hall buttons and lanterns, car lighting, safety equipment, elevator machinery, counterweights, ropes, door sill angles, hoist beams, buffers, guide rails, holding down and anchor bolts and builder's work in connection with lift, testing and commissioning, warranty and maintenance period, etc			
Priceltem	2P1.01	Passenger/service elevator, serving Ground & First floor (2 stops)	no.	3	
Priceltem	2P1.02	Provide elevator doors including plywood backing and fixings. (For Elevator- Future provision)	no.	3	
Note	-	Contractor's Adjustment			
Priceltem	2P1.03	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION Q - MECHANICAL ENGINEERING INSTALLATION			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION Q/1 - AIRCONDITIONING & VENTILATION SYSTEM			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	UNITARY AIR-CONDITIONING EQUIPMENT			

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Note	-	Supply and install VAV/CAV box fabricated from 20 gauge galv. steel sheets with rectangular round inlet collar and discharge with slip and drive connection. Casing shall be insulated with 25mm thick high density insulation, coated to resist abrasion and erosion. Provide complete with suspension lugs			
Note	-	Volume Air Valve			
Priceltem	2Q1.01	VAV-01, (100-200L/S)	no.	25	
Priceltem	2Q1.02	VAV-02, (201-400L/S)	no.	21	
Priceltem	2Q1.03	VAV-03, (401-600L/S)	no.	81	
Priceltem	2Q1.04	VAV-04, (601-800L/S)	no.	11	
Priceltem	2Q1.05	VAV-05, (801-1000L/S)	no.	5	
Priceltem	2Q1.06	VAV-06, (1001-1200L/S)	no.	15	
Priceltem	2Q1.07	VAV-07, (1201-1500L/S)	no.	10	
Priceltem	2Q1.08	VAV-08, (1501-1800L/S)	no.	3	
Priceltem	2Q1.09	VAV-09, (1801-2100L/S)	no.	6	
Note	-	Constant Air Valve			
Priceltem	2Q1.10	CAV-01, (100-200L/S)			
Priceltem	2Q1.11	CAV-02, (201-400L/S)	no.	1	
Note	-	SHEET METAL DUCTWORK AND ACCESSORIES			
Note	-	HVAC Ductwork complete with duct hangers/supports, voids, fittings, flanges, flexible, duct connectors, wire mesh end covers, access doors, test, points for air/water and identification (insulation measured separately)			
Priceltem	2Q1.12	Supply/Return, Fresh/Return Air Duct	Kg	86872	
Priceltem	2Q1.13	Toilet Exhaust Air Duct	Kg	2548	
Priceltem	2Q1.14	Kitchen Exhaust Air Duct - Fire rated	Kg	180	
Note	-	HVAC INSULATION			
Note	-	Insulation complete with adhesive fasteners, anchors, joint tapes, tie wires and finish all as specified			
Priceltem	2Q1.15	Supply/Return, Fresh/Return Air Duct	m2	17619	
Priceltem	2Q1.16	Toilet Exhaust Air Duct	m2	566	
Priceltem	2Q1.17	Kitchen Exhaust Air Duct - Fire rated	m2	33	
Note	-	AIR FILTRATION			
Note	-	Diffusers, Registers and Grilles			
Priceltem	2Q1.18	SG-00, Supply air grille	no.	1	
Priceltem	2Q1.19	SG-01, Supply air grille, 200x100mm (0.50L/S)	no.	12	
Priceltem	2Q1.20	SG-02, Supply air grille, 250x100mm (51.100l/s)	no.	7	
Priceltem	2Q1.21	SG-04, Supply air grille, 500x150mm (151.200L/S)	no.	14	
Priceltem	2Q1.22	SG-05, Supply air grille, 550x200mm (201.300L/S)	no.	3	
Priceltem	2Q1.23	SG-06, Supply air grille, 600x200mm (301.400L/S)	no.	12	
Priceltem	2Q1.24	SG-10, Supply air grille, 1200x250mm (701.800L/S)	no.	3	
Priceltem	2Q1.25	SG-13, Supply air grille, 1600x400mm (1001.1500L/S)	no.	1	
Priceltem	2Q1.26	RG-00, Return Grille	no.	1	
Priceltem	2Q1.27	RG-01, Return Grille, 200X100mm(0.50L/S)	no.	12	
Priceltem	2Q1.28	RG-02, Return air grille, 250x100mm (51.100l/s)	no.	7	
Priceltem	2Q1.29	RG-04, Return Grille, 500X150mm(151.200L/S)	no.	14	
Priceltem	2Q1.30	RG-05, Return Grille, 550X200mm(201.300L/S)	no.	3	
Priceltem	2Q1.31	RG-06, Return Grille, 600X200mm(301.400L/S)	no.	17	
Priceltem	2Q1.32	RG-10, Return Grille, 1200x250mm (701.800L/S)	no.	3	
Priceltem	2Q1.33	RG-13, Return Grille, 1600x400mm (1001.1500L/S)	no.	1	
Priceltem	2Q1.34	ED-01, Exhaust Diffuser, 150X150(10.70L/S)	no.	114	
Priceltem	2Q1.35	SD-01, Supply Diffuser, 150X150mm (10.70L/S)	no.	67	
Priceltem	2Q1.36	SD-02, Supply Diffuser, 225X225mm (71.120L/S)	no.	335	
Priceltem	2Q1.37	SD-03, Supply Diffuser, 300X300mm (121.200L/S)	no.	193	
Priceltem	2Q1.38	SD-04, Supply Diffuser, 375X375mm (201.280L/S)	no.	38	
Priceltem	2Q1.39	RD-01, Return Diffuser, 150X150mm (10.70L/S)	no.	50	
Priceltem	2Q1.40	RD-02, Return Diffuser, 225X225mm (71.120L/S)	no.	48	
Priceltem	2Q1.41	RD-03 Return Diffuser, 300X300mm (121.200L/S)	no.	73	
Priceltem	2Q1.42	RD-04 Return Diffuser, 375X375mm (201.280L/S)	no.	30	
Priceltem	2Q1.43	RLSD-01, 20mm 1 Slot Return Linear Diffuser.1800mm (55L/S /M Length)	no.	1	
Priceltem	2Q1.44	RLSD-01, 20mm 1 Slot Return Linear Diffuser.3800mm (55L/S /M Length)	no.	2	
Priceltem	2Q1.45	RLSD-01, 20mm 1 Slot Return Linear Diffuser.4500mm (55L/S /M Length)	no.	2	
Priceltem	2Q1.46	RLSD-01, 20mm 1 Slot Return Linear Diffuser.4800mm (55L/S /M Length)	no.	4	
Priceltem	2Q1.47	RLSD-01, 20mm 1 Slot Return Linear Diffuser.5200mm (55L/S /M Length)	no.	2	
Priceltem	2Q1.48	RLSD-01, 20mm 1 Slot Return Linear Diffuser.5400mm (55L/S /M Length)	no.	2	
Priceltem	2Q1.49	RLSD-02, 20mm 2 Slot Return Linear Diffuser.1800mm (70L/S /M Length)	no.	9	
Priceltem	2Q1.50	RLSD-02, 20mm 2 Slot Return Linear Diffuser.2300mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.51	RLSD-02, 20mm 2 Slot Return Linear Diffuser.2700mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.52	RLSD-02, 20mm 2 Slot Return Linear Diffuser.3100mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.53	RLSD-02, 20mm 2 Slot Return Linear Diffuser.4400mm (70L/S /M Length)	no.	2	
Priceltem	2Q1.54	RLSD-02, 20mm 2 Slot Return Linear Diffuser.7000mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.55	RLSD-03, 20mm 3 Slot Return Linear Diffuser.1800mm (95L/S /M Length)	no.	24	
Priceltem	2Q1.56	RLSD-03, 20mm 3 Slot Return Linear Diffuser.2800mm (95L/S /M Length)	no.	38	
Priceltem	2Q1.57	RLSD-03, 20mm 3 Slot Return Linear Diffuser.4200mm (95L/S /M Length)	no.	10	
Priceltem	2Q1.58	RLSD-03, 20mm 3 Slot Return Linear Diffuser.4400mm (95L/S /M Length)	no.	25	
Priceltem	2Q1.59	RLSD-03, 20mm 3 Slot Return Linear Diffuser.5200mm (95L/S /M Length)	no.	20	
Priceltem	2Q1.60	SLSD-02, 20mm 2 Slot Supply Linear Diffuser.1800mm (70L/S /M Length)	no.	8	

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HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q1.61	SLSD-02, 20mm 2 Slot Supply Linear Diffuser.2500mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.62	SLSD-02, 20mm 2 Slot Supply Linear Diffuser.2600mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.63	SLSD-02, 20mm 2 Slot Supply Linear Diffuser.3100mm (70L/S /M Length)	no.	4	
Priceltem	2Q1.64	SLSD-03, 20mm 3 Slot Supply Linear Diffuser.1500mm (95L/S /M Length)	no.	63	
Priceltem	2Q1.65	SLSD-03, 20mm 3 Slot Supply Linear Diffuser.1800mm (95L/S /M Length)	no.	24	
Priceltem	2Q1.66	SLSD-03, 20mm 3 Slot Supply Linear Diffuser.2800mm (95L/S /M Length)	no.	39	
Priceltem	2Q1.67	SLR-01, Supply Linear Register.5500mm (100L/S /M Length)	no.	7	
Priceltem	2Q1.68	RLR-01, Return Linear Register.5500mm (100L/S /M Length)	no.	7	
Note	-	CHILLED WATER PUMP			
Note	-	Chilled water pumps, closed coupled horizontal split case type complete with electric motor, VFD, electric wires and controls, mounting base, vibration isolators, etc. as specified and as shown on drawings			
Priceltem	2Q1.69	Chilled Water Pump (CHWPP-01 TO CHWPP-05), Flow Rate 39.2 L/S, Power 19kW @ 20m head	no.	5	
Priceltem	2Q1.70	Chilled Water Pump (CHWSP-01 TO CHWSP-04), Flow Rate 52.3 L/S, Power 45kW @ 40m head	no.	4	
Note	-	AIR-CONDITIONING PIPING			
Note	-	Isolating Valve			
Priceltem	2Q1.71	Isolating Valve (20mmø)	no.	66	
Priceltem	2Q1.72	Isolating Valve (25mmø)	no.	27	
Priceltem	2Q1.73	Isolating Valve (40mmø)	no.	2	
Priceltem	2Q1.74	Isolating Valve (50mmø)	no.	7	
Priceltem	2Q1.75	Isolating Valve (65mmø)	no.	34	
Priceltem	2Q1.76	Isolating Valve (80mmø)	no.	11	
Priceltem	2Q1.77	Isolating Valve (125mmø)	no.	4	
Priceltem	2Q1.78	Isolating Valve (150mmø)	no.	1	
Priceltem	2Q1.79	Isolating Valve (250mmø)	no.	3	
Priceltem	2Q1.80	Motorized Isolating Valve (250mmø)	no.	1	
Note	-	Pressure independent control valve			
Priceltem	2Q1.81	Pressure Independent Control Valve (20mmø)	no.	66	
Priceltem	2Q1.82	Pressure Independent Control Valve (25mmø)	no.	27	
Priceltem	2Q1.83	Pressure Independent Control Valve (40mmø)	no.	2	
Priceltem	2Q1.84	Pressure Independent Control Valve (50mmø)	no.	7	
Priceltem	2Q1.85	Pressure Independent Control Valve (65mmø)	no.	33	
Priceltem	2Q1.86	Pressure Independent Control Valve (80mmø)	no.	11	
Priceltem	2Q1.87	Pressure Independent Control Valve (125mmø)	no.	4	
Priceltem	2Q1.88	Pressure Independent Control Valve (150mmø)	no.	1	
Note	-	Angle valve			
Priceltem	2Q1.89	40mmø	no.	1	
Priceltem	2Q1.90	50mmø	no.	4	
Priceltem	2Q1.91	60mmø	no.	1	
Priceltem	2Q1.92	65mmø	no.	16	
Priceltem	2Q1.93	80mmø	no.	5	
Priceltem	2Q1.94	125mmø	no.	2	
Note	-	Motorized butterfly valve			
Priceltem	2Q1.95	150mmø	no.	9	
Note	-	Butterfly valve			
Priceltem	2Q1.96	40mmø	no.	1	
Priceltem	2Q1.97	50mmø	no.	4	
Priceltem	2Q1.98	60mmø	no.	1	
Priceltem	2Q1.99	65mmø	no.	16	
Priceltem	2Q1.100	80mmø	no.	5	
Priceltem	2Q1.101	125mmø	no.	2	
Priceltem	2Q1.102	150mmø	no.	9	
Note	-	Gate Valve			
Priceltem	2Q1.103	20mmø	no.	38	
Priceltem	2Q1.104	25mmø	no.	16	
Priceltem	2Q1.105	40mmø	no.	1	
Priceltem	2Q1.106	50mmø	no.	4	
Priceltem	2Q1.107	60mmø	no.	1	
Priceltem	2Q1.108	65mmø	no.	16	
Priceltem	2Q1.109	80mmø	no.	5	
Priceltem	2Q1.110	125mmø	no.	2	
Priceltem	2Q1.111	250mmø	no.	1	
Note	-	Hose and drain valve			
Priceltem	2Q1.112	40mmø	no.	1	
Priceltem	2Q1.113	50mmø	no.	4	
Priceltem	2Q1.114	60mmø	no.	1	
Priceltem	2Q1.115	65mmø	no.	16	
Priceltem	2Q1.116	80mmø	no.	5	
Priceltem	2Q1.117	125mmø	no.	2	
Note	-	Automatic Air Vent			
Priceltem	2Q1.118	20mmø	no.	38	
Priceltem	2Q1.119	25mmø	no.	16	
Priceltem	2Q1.120	40mmø	no.	1	
Priceltem	2Q1.121	50mmø	no.	4	
Priceltem	2Q1.122	60mmø	no.	1	
Priceltem	2Q1.123	65mmø	no.	16	
Priceltem	2Q1.124	80mmø	no.	5	
Priceltem	2Q1.125	125mmø	no.	2	
Priceltem	2Q1.126	250mmø	no.	4	
Note	-	Static Head Trap			
Priceltem	2Q1.127	20mmø	no.	38	
Priceltem	2Q1.128	25mmø	no.	16	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q1.129	40mmø	no.	1	
Priceltem	2Q1.130	50mmø	no.	4	
Priceltem	2Q1.131	60mmø	no.	1	
Priceltem	2Q1.132	65mmø	no.	16	
Priceltem	2Q1.133	80mmø	no.	5	
Priceltem	2Q1.134	125mmø	no.	2	
Note	-	Union			
Priceltem	2Q1.135	40mmø	no.	2	
Priceltem	2Q1.136	50mmø	no.	8	
Priceltem	2Q1.137	60mmø	no.	2	
Priceltem	2Q1.138	65mmø	no.	32	
Priceltem	2Q1.139	80mmø	no.	10	
Priceltem	2Q1.140	125mmø	no.	4	
Note	-	Dielectric Union			
Priceltem	2Q1.141	20mmø	no.	76	
Priceltem	2Q1.142	25mmø	no.	32	
Note	-	Other accessories			
Priceltem	2Q1.143	Pressure Gauge	no.	76	
Priceltem	2Q1.144	Strainer (20mmø)	no.	38	
Priceltem	2Q1.145	Strainer (25mmø)	no.	16	
Priceltem	2Q1.146	Strainer (40mmø)	no.	1	
Priceltem	2Q1.147	Strainer (50mmø)	no.	4	
Priceltem	2Q1.148	Strainer (60mmø)	no.	1	
Priceltem	2Q1.149	Strainer (65mmø)	no.	16	
Priceltem	2Q1.150	Strainer (80mmø)	no.	5	
Priceltem	2Q1.151	Strainer (125mmø)	no.	2	
Priceltem	2Q1.152	Strainer (150mmø)	no.	5	
Priceltem	2Q1.153	Thermo meter	no.	68	
Priceltem	2Q1.154	Flexible pipe connection; (150mmø)	no.	18	
Note	-	Supply and installation of black steel seamless chilled water pipes, complete with insulations, fittings, joints, hangers/supports, expansion joints, anchors, guides, etc. as specified			
Note	-	Chilled water pipe supply			
Priceltem	2Q1.155	CHWS (20mmø)	m	213	
Priceltem	2Q1.156	CHWS (25mmø)	m	356	
Priceltem	2Q1.157	CHWS (32mmø)	m	41	
Priceltem	2Q1.158	CHWS (40mmø)	m	88	
Priceltem	2Q1.159	CHWS (50mmø)	m	24	
Priceltem	2Q1.160	CHWS (65mmø)	m	160	
Priceltem	2Q1.161	CHWS (80mmø)	m	137	
Priceltem	2Q1.162	CHWS (100mmø)	m	118	
Priceltem	2Q1.163	CHWS (125mmø)	m	21	
Priceltem	2Q1.164	CHWS (150mmø)	m	211	
Priceltem	2Q1.165	CHWS (200mmø)	m	84	
Priceltem	2Q1.166	CHWS (250mmø)	m	82	
Note	-	Chilled water pipe return			
Priceltem	2Q1.167	CHWS (20mmø)	m	213	
Priceltem	2Q1.168	CHWR (25mmø)	m	356	
Priceltem	2Q1.169	CHWR (32mmø)	m	41	
Priceltem	2Q1.170	CHWR (40mmø)	m	88	
Priceltem	2Q1.171	CHWR (50mmø)	m	24	
Priceltem	2Q1.172	CHWR (65mmø)	m	160	
Priceltem	2Q1.173	CHWR (80mmø)	m	137	
Priceltem	2Q1.174	CHWR (100mmø)	m	118	
Priceltem	2Q1.175	CHWS (125mmø)	m	21	
Priceltem	2Q1.176	CHWR (150mmø)	m	211	
Priceltem	2Q1.177	CHWR (200mmø)	m	84	
Priceltem	2Q1.178	CHWR (250mmø)	m	101	
Note	-	ROTARY SCREW WATER CHILLER			
Note	-	Supply and install factory assembled and tested, air-cooled liquid chiller. Contained within the unit cabinet shall be all factory wiring, ping, controls, refrigerant charge as shown in the drawings and indicated in the specification			
Priceltem	2Q1.179	Air Cooled Chiller (ACH.01 to ACH.04), Total Power 520kW, Total Cooling Capacity 345/1215 TR/KW	no.	4	
Note	-	HVAC WATER TREATMENT			
Note	-	Provide water treatment system stated herein is intended to define design intent and functional requirements of an acceptable system			
Priceltem	2Q1.180	Chemical shot feeder; CHSF-01, 25L size	no.	1	
Priceltem	2Q1.181	Pressurization unit	Item	1	
Note	-	EXPANSION TANK			
Note	-	Supply, install and commissioned expansion tank, including all related valves, draincocks, air vents, pressure gauges, and accessories, fixing in position complete all in accordance with the drawings and specification			
Priceltem	2Q1.182	ET-01, Including Pressurization tank (1000ltr) and pumps 1duty+1 standby	no.	1	
Note	-	AIR SEPARATOR			
Priceltem	2Q1.183	Air Separator, (AS.01) Flow Rate 157 L/S, Size 1900x750mm	no.	2	
Note	-	AIR HANDLING UNIT			
Note	-	Air handling units with coils for all accessories as per schedule and specified			
Priceltem	2Q1.184	(AHU-FF-01), Supply air 10305 L/S, Total Cooling Capacity 252.00 Kw	no.	1	
Priceltem	2Q1.185	(AHU-FF-02), Supply air 2112 L/S, Total Cooling Capacity 55.00 kW	no.	1	
Priceltem	2Q1.186	(AHU-SF-01), Supply air 4464 L/S, Total Cooling Capacity 82.0 kW	no.	1	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q1.187	(AHU-SF-02), Supply air 4791 L/S, Total Cooling Capacity 87.0 kW	no.	1	
Priceltem	2Q1.188	(AHU-SF-03), Supply air 3430 L/S, Total Cooling Capacity 70.0 kW	no.	1	
Priceltem	2Q1.189	(AHU-SF-04), Supply air 13046 L/S, Total Cooling Capacity 231.0 kW	no.	1	
Priceltem	2Q1.190	(AHU-SF-05), Supply air 9780 L/S, Total Cooling Capacity 215.0 kW	no.	1	
Priceltem	2Q1.191	(AHU-SF-06), Supply air 5258 L/S, Total Cooling Capacity 116.0 kW	no.	1	
Priceltem	2Q1.192	(AHU-RF-01), Supply air 5329 L/S, Total Cooling Capacity 96.0 kW	no.	1	
Priceltem	2Q1.193	(AHU-RF-02), Supply air 5147 L/S, Total Cooling Capacity 89.0 kW	no.	1	
Priceltem	2Q1.194	(AHU-RF-03), Supply air 5426 L/S, Total Cooling Capacity 97.0 kW	no.	1	
Priceltem	2Q1.195	(AHU-RF-04), Supply air 5178 L/S, Total Cooling Capacity 94.0 kW	no.	1	
Priceltem	2Q1.196	(AHU-RF-05), Supply air 5522 L/S, Total Cooling Capacity 96.0 kW	no.	1	
Priceltem	2Q1.197	(AHU-RF-06), Supply air 4979 L/S, Total Cooling Capacity 91.0 kW	no.	1	
Priceltem	2Q1.198	(AHU-RF-07), Supply air 4979 L/S, Total Cooling Capacity 91.00 kW	no.	1	
Priceltem	2Q1.199	(AHU-RF-08),Supply air 5522 L/S, Total Cooling Capacity 96.00 kW	no.	1	
Priceltem	2Q1.200	(AHU-RF-09), Supply air 5178 L/S, Total Cooling Capacity 94.00 kW	no.	1	
Priceltem	2Q1.201	(AHU-RF-10), Supply air 5426 L/S, Total Cooling Capacity 97 kW	no.	1	
Priceltem	2Q1.202	(AHU-RF-11), Supply air 5147 L/S, Total Cooling Capacity 89 kW	no.	1	
Priceltem	2Q1.203	(AHU-RF-12), Supply air 5329 L/S, Total Cooling Capacity 96 kW	no.	1	
Note	-	FRESH AIR HANDLING UNIT			
Priceltem	2Q1.204	(FAHU-FF-01), Supply air 2300 L/S, Total Cooling Capacity 143 kW	no.	1	
Priceltem	2Q1.205	(FAHU-FF-02), Supply air 1693 L/S, Total Cooling Capacity 105.00 kW	no.	1	
Priceltem	2Q1.206	(KFAHU-FF-01),Supply air 4689 L/S, Total Cooling Capacity 291 .00 kW	no.	1	
Priceltem	2Q1.207	(FAHU-SF-01), Supply air 2890 L/S, Total Cooling Capacity 180.00 kW	no.	1	
Priceltem	2Q1.208	(FAHU-SF-02), Supply air 2530 L/S, Total Cooling Capacity 157.00 kW	no.	1	
Priceltem	2Q1.209	(FAHU-SF-03), Supply air 4000 L/S, Total Cooling Capacity 248.00 kW	no.	1	
Priceltem	2Q1.210	(FAHU-SF-04), Supply air 1290 L/S, Total Cooling Capacity 80.00 kW	no.	1	
Priceltem	2Q1.211	(FAHU-RF-01), Supply air 9270 L/S, Total Cooling Capacity 576.00 kW	no.	1	
Priceltem	2Q1.212	(FAHU-RF-02), Supply air 9515 L/S, Total Cooling Capacity 591.00 kW	no.	1	
Note	-	DUCTED FAN COIL UNITS			
Note	-	Ducted Fan coil units /or/ fan coil unit complete with direct drive fan, motor, filters, and all accessories including hangers, vibration isolators, drain pan, controls and electrical wiring and as specified			
Priceltem	2Q1.213	(DFCU-01), Total Cooling Capacity 1.90 kW, Supply air Flow 100 L/S	no.	7	
Priceltem	2Q1.214	(DFCU-02), Total Cooling Capacity 2.10 kW, Supply air Flow 125 L/S	no.	2	
Priceltem	2Q1.215	(DFCU-03), Total Cooling Capacity 2.30 kW, Supply air Flow 150 L/S	no.	4	
Priceltem	2Q1.216	(DFCU-04), Total Cooling Capacity 2.60 kW, Supply air Flow 175 L/S	no.	1	
Priceltem	2Q1.217	(DFCU-05), Total Cooling Capacity 2.90 kW, Supply air Flow 200 L/S	no.	4	
Priceltem	2Q1.218	(DFCU-06), Total Cooling Capacity 3.80 kW, Supply air Flow 250 L/S	no.	2	
Priceltem	2Q1.219	(DFCU-08), Total Cooling Capacity 5.60 kW, Supply air Flow 350 L/S	no.	21	
Priceltem	2Q1.220	(DFCU-10), Total Cooling Capacity 8.30 kW, Supply air Flow 450 L/S	no.	4	
Priceltem	2Q1.221	(DFCU-11), Total Cooling Capacity 9.0 kW, Supply air Flow 600 L/S	no.	2	
Priceltem	2Q1.222	(DFCU-12), Total Cooling Capacity 12.3 kW, Supply air Flow 750 L/S	no.	3	
Note	-	FAN COIL UNITS			
Note	-	Fan coil units /or/ fan coil unit complete with direct drive fan, motor, filters, and all accessories including hangers, vibration isolators, drain pan, controls and electrical wiring and as specified			
Priceltem	2Q1.223	(FCU-01), Total Cooling Capacity 1.70 kW, Supply air Flow 100 L/S	no.	1	
Priceltem	2Q1.224	(FCU-03), Total Cooling Capacity 2.20 kW, Supply air Flow 150 L/S	no.	1	
Priceltem	2Q1.225	(FCU-04), Total Cooling Capacity 2.40 kW, Supply air Flow 175 L/S	no.	2	
Priceltem	2Q1.226	(FCU-05), Total Cooling Capacity 2.70 kW, Supply air Flow 200 L/S	no.	2	
Priceltem	2Q1.227	(FCU-08), Total Cooling Capacity 7.50 kW, Supply air Flow 450 L/S	no.	1	
Priceltem	2Q1.228	(FCU-09), Total Cooling Capacity 5.50 kW, Supply air Flow 400 L/S	no.	1	
Note	-	VOLUME DAMPER			
Priceltem	2Q1.229	Volume Damper 100X100mm	no.	13	
Priceltem	2Q1.230	Volume Damper 150X100mm	no.	20	
Priceltem	2Q1.231	Volume Damper 150x150mm	no.	4	
Priceltem	2Q1.232	Volume Damper 200x100mm	no.	1	
Priceltem	2Q1.233	Volume Damper 200x150mm	no.	1	
Priceltem	2Q1.234	Volume Damper 250x150mm	no.	1	
Priceltem	2Q1.235	Volume Damper 250X250mm	no.	1	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q1.236	Volume Damper 300X100mm	no.	27	
Priceltem	2Q1.237	Volume Damper 300X150mm	no.	26	
Priceltem	2Q1.238	Volume Damper 300X200mm	no.	10	
Priceltem	2Q1.239	Volume Damper 300X250mm	no.	2	
Priceltem	2Q1.240	Volume Damper 300X300mm	no.	1	
Priceltem	2Q1.241	Volume Damper 350x100mm	no.	2	
Priceltem	2Q1.242	Volume Damper 350X150mm	no.	14	
Priceltem	2Q1.243	Volume Damper 350X200mm	no.	6	
Priceltem	2Q1.244	Volume Damper 350X250mm	no.	1	
Priceltem	2Q1.245	Volume Damper 400x100mm	no.	2	
Priceltem	2Q1.246	Volume Damper 400X200mm	no.	1	
Priceltem	2Q1.247	Volume Damper 450x150mm	no.	1	
Priceltem	2Q1.248	Volume Damper 500x150mm	no.	1	
Priceltem	2Q1.249	Volume Damper 500x200mm	no.	1	
Priceltem	2Q1.250	Volume Damper 600x200mm	no.	6	
Worksheet		SECTION Q - MECHANICAL ENGINEERING INSTALLATION (Continued)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION Q/1 - AIRCONDITIONING & VENTILATION SYSTEM (Continued)			
Priceltem	2Q1.251	Volume Damper 650x400mm	no.	1	
Priceltem	2Q1.252	Volume Damper 700x250mm	no.	1	
Priceltem	2Q1.253	Volume Damper 750X300mm	no.	2	
Priceltem	2Q1.254	Volume Damper 750X400mm	no.	1	
Priceltem	2Q1.255	Volume Damper 800x250mm	no.	15	
Priceltem	2Q1.256	Volume Damper 1000x600mm	no.	1	
Priceltem	2Q1.257	Volume Damper 1400x400mm	no.	1	
Priceltem	2Q1.258	Volume Damper 1800x500mm	no.	1	
Note	-	FIRE DAMPER			
Priceltem	2Q1.259	Fire Damper 150x150mm	no.	1	
Priceltem	2Q1.260	Fire Damper 200x150mm	no.	1	
Priceltem	2Q1.261	Fire Damper 300X100mm	no.	1	
Priceltem	2Q1.262	Fire Damper 350X150mm	no.	2	
Priceltem	2Q1.263	Fire Damper 350X200mm	no.	2	
Priceltem	2Q1.264	Fire Damper 350X250mm	no.	3	
Priceltem	2Q1.265	Fire Damper 400X150mm	no.	4	
Priceltem	2Q1.266	Fire Damper 400X200mm	no.	1	
Priceltem	2Q1.267	Fire Damper 400X250mm	no.	8	
Priceltem	2Q1.268	Fire Damper 450x250mm	no.	18	
Priceltem	2Q1.269	Fire Damper 500X250mm	no.	4	
Priceltem	2Q1.270	Fire Damper 550X250mm	no.	8	
Priceltem	2Q1.271	Fire Damper 600X300mm	no.	1	
Priceltem	2Q1.272	Fire Damper 650X200mm	no.	2	
Priceltem	2Q1.273	Fire Damper 650X300mm	no.	4	
Priceltem	2Q1.274	Fire Damper 700X400mm	no.	4	
Priceltem	2Q1.275	Fire Damper 750X300mm	no.	5	
Priceltem	2Q1.276	Fire Damper 950X350mm	no.	6	
Note	-	MOTORISED DAMPER			
Priceltem	2Q1.277	Motorised Damper 450 x 300	no.	2	
Note	-	MOTORISED FIRE DAMPER			
Priceltem	2Q1.278	Motorised Fire Damper 550 x 250	no.	2	
Priceltem	2Q1.279	Motorised Fire Damper 900 x 400	no.	2	
Note	-	AIR FILTRATION			
Priceltem	2Q1.280	Exhaust Air Louver (0.25m2)	no.	2	
Priceltem	2Q1.281	Exhaust Air Louver (0.50m2)	no.	1	
Priceltem	2Q1.282	Exhaust Air Louver (0.75m2)	no.	1	
Priceltem	2Q1.283	Exhaust Air Louver (0.95m2)	no.	2	
Priceltem	2Q1.284	Exhaust Air Louver (1.00m2)	no.	1	
Priceltem	2Q1.285	Exhaust Air Louver (1.20m2)	no.	1	
Priceltem	2Q1.286	Exhaust Air Louver (1.30m2)	no.	1	
Priceltem	2Q1.287	Exhaust Air Louver (1.40m2)	no.	1	
Priceltem	2Q1.288	Exhaust Air Louver (1.50m2)	no.	1	
Priceltem	2Q1.289	Exhaust Air Louver (2.50m2)	no.	1	
Priceltem	2Q1.290	Exhaust Air Louver (3.60m2)	no.	1	
Priceltem	2Q1.291	Exhaust Air Louver (5.00m2)	no.	2	
Priceltem	2Q1.292	Sand Trap Louver (1.80m2)	no.	2	
Priceltem	2Q1.293	Sand Trap Louver (2.20m2)	no.	1	
Priceltem	2Q1.294	Sand Trap Louver (3.00m2)	no.	1	
Priceltem	2Q1.295	Sand Trap Louver (3.20m2)	no.	1	
Priceltem	2Q1.296	Sand Trap Louver (3.62m2)	no.	1	
Priceltem	2Q1.297	Sand Trap Louver (5.00m2)	no.	2	
Priceltem	2Q1.298	Sand Trap Louver (11.60m2)	no.	1	
Priceltem	2Q1.299	Sand Trap Louver (12.00m2)	no.	1	
Note	-	EXHAUST FAN			
Note	-	Supply and install fans, connect to ductwork including all controls, electrical connections, accessories, fixing in position, complete all in accordance with the drawings and specification			
Priceltem	2Q1.300	(TRF-GF-01), Air Flow Rate 750 L/S, 1.50kW	no.	2	
Priceltem	2Q1.301	(EF-GF-01), Air Flow Rate 25 L/S, 0.30kW	no.	1	
Priceltem	2Q1.303	(TEF-FF-01), Air Flow Rate 135 L/S, 0.50kW	no.	1	
Priceltem	2Q1.303a	(TEF-SF-01), Air Flow Rate 25 L/S, 0.30kW	no.	2	
Priceltem	2Q1.305	(KEF-FF-01), Air Flow Rate 4500 L/S, 5.00kW	no.	1	
Priceltem	2Q1.306	(LEF-RF-01), Air Flow Rate 300 L/S, 1.00kW	no.	1	
Priceltem	2Q1.307	(LEF-RF-02), Air Flow Rate 300 L/S, 1.00kW	no.	2	
Priceltem	2Q1.308	(LEF-RF-03), Air Flow Rate 900 L/S, 2.00kW	no.	1	
Priceltem	2Q1.308a	(LEF-RF-04), Air Flow Rate 900 L/S, 2.00kW	no.	1	
Note	-	Contractor's Adjustment			

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q1.309	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION Q/2 - COLD AND HOT WATER SUPPLY SYSTEM			
Note	-	PLUMBING EQUIPMENT			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Priceltem	2Q2.01	TP/1, Packaged unit ready for electrical and mechanical hookup, consisting of 3 no's, vertical, multistage centrifugal pumps (2 duty+1 standby),valves, type Copper manifolds, control panel and trim, capacity is 27.5m3/hour at 40m of total dynamic head and motor 3x4.0 kW, 400V,3phase, 50Hz with all accessories	Item	1	
Priceltem	2Q2.02	BP/1, Packaged unit ready for electrical and mechanical hookup, consisting of 4 no's, vertical, multistage centrifugal pumps (3 duty+1 standby),valves, type "K" Copper manifolds, control panel pressure vessel and trim, capacity is 21m3/hour at 30m of total dynamic head and motor 4x3 kW, 400V,3phase, 50Hz with all accessories	Item	1	
Priceltem	2Q2.03	SF/1&2, Pressure type sand filter for turbidity removal with capacity flow of 24.00 m3/hr, filtration fineness 10 microns and complete with all accessories	Item	1	
Priceltem	2Q2.04	IRBP/1, Irrigation booster pump set with VFD controller at ground floor, Packaged unit ready for electrical and mechanical hookup, consisting of 3 no's, vertical, multistage centrifugal pumps (2 duty+1 standby),valves, type "K" Copper manifolds, control panel pressure vessel and trim, capacity is 12.5m3/hour (3.472 l/s) at 60m of total dynamic head and motor 3x4.4 kW, 400V,3phase, 50Hz with all accessories	Item	1	
Priceltem	2Q2.05	SCF/1, Pressure type stainless steel housing, steel screen for turbidity removal to 200 mesh filtration fineness sampling cocks, pressure gauges, batch flushing arrangement, etc for 200 US gpm flow, operation pressure is 150psi	no.	1	
Priceltem	2Q2.06	(CEWH/3&4) . Central Electric Water Heater, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve etc, capacity 80 gallons storage (each),duty 8bars (125psig) working pressure ,electrical load 2x15kW input at 400V/3ph/50Hz etc (@ 1st floor Kitchen)	no.	1	
Priceltem	2Q2.07	HWCP/3&4 . Hot Water Circulating Pump, inline centrifugal 2 nos pumps (1 duty+1 standby), capacity is 3.5m3/hour at 7.00m of total dynamic head and motor 2x235W, 230V,1phase, 50Hz and automatic control panel with timer, mounting bracket for pump assembly etc. (@ FF Kitchen)	Item	1	
Priceltem	2Q2.08	(HWCP/5&6) . Hot Water Circulating Pump (Heat exchanger), by specialist	Item	1	
Priceltem	2Q2.09	(HWCP/7&8) . Hot Water Circulating Pump, by specialist	Item	1	
Priceltem	2Q2.10	(HWCP/9&10) . Hot Water Circulating Pump, by specialist	Item	1	
Priceltem	2Q2.11	EWH-1, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc. 6 gal capacity, 1.5kW input @ 230V/1Ph/50Hz, dwg ref PL.WS.501	no.	1	
Priceltem	2Q2.12	EWH-2, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc. 10 gal capacity, 2.5kW input @ 230V/1Ph/50Hz, dwg ref PL.WS.501	no.	1	
Priceltem	2Q2.13	EWH-3, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc. 15 gal capacity, 2.5kW input @ 230V/1Ph/50Hz, dwg ref PL.WS.501	no.	1	
Priceltem	2Q2.14	EWH-4, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc. 20 gal capacity, 2.5kW input @ 230V/1Ph/50Hz, dwg ref PL.WS.501	no.	1	
Priceltem	2Q2.14a	EWH-5, Glass lined storage tank, immersed thermostat with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve, etc. 25 gal capacity, 2.5kW input @ 230V/1Ph/50Hz, dwg ref PL.WS.501	no.	1	
Priceltem	2Q2.15	Expansion tank	no.	1	
Priceltem	2Q2.16	Cooling tank protection for expansion tank	no.	2	
Priceltem	2Q2.17	Heat Exchanger	no.	2	
Priceltem	2Q2.18	Priming tank, 1000x1000x1000mm	no.	1	
Priceltem	2Q2.19	GRP Domestic water storage tank (2 compartments), 6.0 x 4.0 x 3.0m, total water volume 55m3	no.	1	
Priceltem	2Q2.19a	Primary / ADDC water meter placed at valve chamber	no.	1	
Priceltem	2Q2.19b	Automatic water meter reader for irrigation supply	no.	1	
Priceltem	2Q2.19c	Automatic water meter reader for back-wash water system (filter & irrigation)	no.	2	
Priceltem	2Q2.19d	Automatic water meter reader for swimmign pool make up water supply system	no.	1	
Priceltem	2Q2.19e	Automatic water meter reader for swimmign pool changing room water supply	no.	1	
Priceltem	2Q2.19f	Automatic water meter reader for main kitchen water supply	no.	1	
Priceltem	2Q2.19g	Automatic water meter reader for driver's & guard room water supply	no.	1	

Worksheet	MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)				
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q2.19h	Automatic water meter reader for pantry's & kitchen water supply	no.	1	
Priceltem	2Q2.19i	Automatic water meter reader for ablution water supply	no.	2	
Priceltem	2Q2.19j	Automatic water meter reader for science / laboratory water supply	no.	2	
Priceltem	2Q2.19k	Automatic water meter reader for school domestic use water supply	no.	1	
Priceltem	2Q2.19l	Automatic water meter reader for general cleaning purpose (hose bib)	no.	1	
Priceltem	2Q2.19m	Automatic water meter reader for chilled water make up water supply system	no.	1	
Priceltem	2Q2.19n	Automatic water meter reader for swimming pool	no.	1	
Note	-	DOMESTIC WATER PIPING			
Note	-	Polypropylene pipe work including all fittings, supports, hangers, coding, insulation, protection and wrappings warning grid, etc. for above grade cold water supply.			
Note	-	Cold Water Supply			
Priceltem	2Q2.20	16mm diameter	m	1198	
Priceltem	2Q2.21	20mm diameter	m	1236	
Priceltem	2Q2.22	25mm diameter	m	577	
Priceltem	2Q2.23	32mm diameter	m	159	
Priceltem	2Q2.24	40mm diameter	m	969	
Priceltem	2Q2.25	50mm diameter	m	153	
Priceltem	2Q2.26	63mm diameter	m	46	
Priceltem	2Q2.27	75mm diameter	m	13	
Priceltem	2Q2.28	90mm diameter	m	90	
Priceltem	2Q2.29	110mm diameter	m	200	
Priceltem	2Q2.30	160mm diameter	m	84	
Priceltem	2Q2.31	Isolation valve for cold water; 20mm diameter	no.	13	
Priceltem	2Q2.32	25mm diameter	no.	29	
Priceltem	2Q2.33	32mm diameter	no.	4	
Priceltem	2Q2.34	40mm diameter	no.	18	
Priceltem	2Q2.35	50mm diameter	no.	4	
Priceltem	2Q2.36	63mm diameter	no.	2	
Priceltem	2Q2.37	90mm diameter	no.	2	
Priceltem	2Q2.38	110mm diameter	no.	2	
Priceltem	2Q2.39	160mm diameter	no.	2	
Priceltem	2Q2.40	Water hammer arrestor for cold water	no.	93	
Priceltem	2Q2.41	Hose bib for cold water 25mm diameter	no.	6	
Priceltem	2Q2.42	Aluminium foil faced rigid fibre glass insulation for external cold water supply pipes	Item	1	
Note	-	Hot Water Supply			
Priceltem	2Q2.43	16mm dia	m	114	
Priceltem	2Q2.44	20mm dia	m	145	
Priceltem	2Q2.45	25mm dia	m	85	
Priceltem	2Q2.46	40mm dia	m	27	
Priceltem	2Q2.47	63mm dia	m	65	
Priceltem	2Q2.48	Isolation valve for hot water 63mm diameter	no.	2	
Priceltem	2Q2.49	Water hammer arrestor for hot water	no.	4	
Note	-	Hot Water Return			
Priceltem	2Q2.50	20mm diameter	m	27	
Priceltem	2Q2.51	25mm diameter	m	134	
Priceltem	2Q2.52	Isolation valve for hot water 25mm diameter	no.	2	
Priceltem	2Q2.53	Balancing valve for hot water 25mm diameter	no.	2	
Priceltem	2Q2.54	UV-1, Ultra Violet Sterilizer; 316 Stainless steel irradiation chamber, complete with multi wave lamps with automatic operating mechanicals. Etc. Working pressure 52psi, Capacity 32m3/hr	no.	2	
Priceltem	2Q2.55	Copper Silver Ionization unit; Stainless steel schedule 40 lon chamber cells complete with controller of flow nrt less of 10.5m3/hr/cell. Total capacity of the unit is as per specialist's recommendation and location of equipment.	no.	1	
Priceltem	2Q2.56	Circulating pump CP1	no.	1	
Priceltem	2Q2.56a	Circulating pump CP2; Packaged unit ready for electrical and mechanical hook up, consisting of two nos. vertical, multistage centrifugal pumps (1 duty, 1 standby), valves, type 'K' copper manifolds, control panel, pressure vessel and trim. 3cu. Meter per hour @ 20 meters TDH. 2x1.1kW input @ 230V/1Ph/50Hz. Flexible connections at suction and discharge, compound gauge at suction and pressure gauge at discharge manifolds	no.	1	
Priceltem	2Q2.57	Transfer pump TP1	no.	1	
Priceltem	2Q2.58	100mm diameter domestic water suction strainer	no.	1	
Priceltem	2Q2.58a	Central domestic water heater (Solar). Vertical storage tank, duel energy type (solar & electric) with integral over temperature timer, magnesium anodes, power & temperature indicators, combination safety valve etc. 2500 litre storage (each). 10bars (150 psig) working pressure. 2 x 22kW	no.	1	
Note	-	Contractor's Adjustment			
Priceltem	2Q2.59	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION Q/3 - SANITARY FITTINGS, FIXTURES & ACCESSORIES			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	SANITARY FITTINGS & ACCESSORIES			

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	Supply and install complete toilet accessories indicated in drawing and schedules			
Priceltem	2Q3.01	PLB-01, European type Water closet, wall mounted (Handicap)	no.	21	
Priceltem	2Q3.02	PLB-01A, European type Water closet, wall mounted	no.	115	
Priceltem	2Q3.03	PLB-02 - Concealed flush valve for water closet	no.	116	
Priceltem	2Q3.04	Flushomatic flush valve for water closet	no.	21	
Priceltem	2Q3.05	PLB-03 - Drop down grab bar for disabled	no.	39	
Priceltem	2Q3.06	PLB-04, Fixed Vertical Grab Bar for Disabled	no.	50	
Priceltem	2Q3.07	PLB-05, Fixed Horizontal Grab Bar for Disabled	no.	101	
Priceltem	2Q3.08	PLB-06, Washbasin small size with semi pedestal	no.	43	
Priceltem	2Q3.09	PLB-07, Floor standing janitorial unit with base welded together	no.	14	
Priceltem	2Q3.10	PLB-08, Washbasin (Under counter)	no.	116	
Priceltem	2Q3.11	PLB-09, Floor Mounted WC @ Guard/Driver Toilet	no.	3	
Priceltem	2Q3.12	PLB-10 - Lavatory faucet	no.	137	
Priceltem	2Q3.13	PLB-11, Flexible Hose Doucher	no.	137	
Priceltem	2Q3.14	PLB-12, Toilet Paper Holder	no.	137	
Priceltem	2Q3.15	PLB-13, Toilet Paper Dispenser	no.	65	
Priceltem	2Q3.16	PLB-14, Janitor Room Faucet	no.	14	
Priceltem	2Q3.17	PLB-15, Liquid Soap Dispenser	no.	137	
Priceltem	2Q3.18	PLB-16, Coat Hook/Doorstop	no.	158	
Priceltem	2Q3.19	PLB-17, Cubical Shower Mixer	no.	18	
Priceltem	2Q3.20	PLB-18, Single Bowl SS Kitchen Sink with Drainboard	no.	17	
Priceltem	2Q3.21	PLB-19, Shower mixer set	no.	4	
Priceltem	2Q3.22	PLB-20, Shower Tray	no.	4	
Priceltem	2Q3.23	PLB-21, Mirror 900 high x 8500 long	no.	1	
Priceltem	2Q3.24	PLB-21, Mirror 900 high x 4300 long	no.	14	
Priceltem	2Q3.25	PLB-21, Mirror 900 high x 1700 long	no.	2	
Priceltem	2Q3.26	PLB-21, Mirror 900 high x 3800 long	no.	1	
Priceltem	2Q3.27	PLB-21, Mirror 900 high x 4800 long	no.	1	
Priceltem	2Q3.28	PLB-21, Mirror 900 high x 650 long	no.	43	
Priceltem	2Q3.29	Drinking Fountain	no.	36	
Priceltem	2Q3.30	Science/Art Laboratory sink	no.	18	
Priceltem	2Q3.31	Science/Art Laboratory sink - Deep bowl	no.	49	
Priceltem	2Q3.32	Door stopper	no.	139	
Priceltem	2Q3.33	Ablution faucet	no.	10	
Priceltem	2Q3.34	Waste bins	no.	135	
Note	-	Contractor's Adjustment			
Priceltem	2Q3.35	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION Q/4 - DRAINAGE SYSTEM			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	SANITARY WASTE AND VENT PIPING & STORM WATER PIPING			
Note	-	Supply and install the following			
Note	-	Rain water pipe			
Priceltem	2Q4.01	110mm dia	m	10	
Priceltem	2Q4.02	160mm dia	m	698	
Priceltem	2Q4.03	110mm dia below ground	m	114	
Priceltem	2Q4.04	160mm dia below ground	m	287	
Note	-	Waste pipe			
Priceltem	2Q4.05	50mm dia	m	246	
Priceltem	2Q4.06	75mm dia	m	116	
Priceltem	2Q4.07	110mm dia	m	280	
Priceltem	2Q4.08	40mm dia below ground	m	10	
Priceltem	2Q4.09	50mm dia below ground	m	88	
Priceltem	2Q4.10	75mm dia below ground	m	218	
Priceltem	2Q4.11	110mm dia below ground	m	590	
Priceltem	2Q4.12	160mm dia below ground	m	125	
Priceltem	2Q4.13	200mm dia below ground	m	297	
Note	-	Soil pipe			
Priceltem	2Q4.14	110mm dia	m	179	
Priceltem	2Q4.15	160mm dia	m	9	
Priceltem	2Q4.16	110mm dia below ground	m	442	
Priceltem	2Q4.17	160mm dia below ground	m	66	
Note	-	Vent pipe			
Priceltem	2Q4.18	50mm dia	m	995	
Priceltem	2Q4.19	75mm dia	m	331	
Note	-	Condensing Drain pipe			
Priceltem	2Q4.20	50mm dia	m	93	
Priceltem	2Q4.21	75mm dia	m	415	
Priceltem	2Q4.22	110mm dia	m	154	
Priceltem	2Q4.23	160mm dia	m	138	
Note	-	Planter Drain pipe			
Priceltem	2Q4.24	50mm dia	m	33	
Note	-	SANITARY STORM AND WASTE PIPING SPECIALTIES			
Note	-	Supply and install Floor Clean out/ End cap/ Area drain/ Roof vent/ Rain water shoe			
Priceltem	2Q4.25	Floor drain 75mm diameter	no.	286	
Priceltem	2Q4.26	Floor drain 110mm diameter	no.	4	
Priceltem	2Q4.27	Clean out 50mm diameter	no.	2	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q4.28	Clean out 75mm diameter	no.	40	
Priceltem	2Q4.29	Clean out 110mm diameter	no.	102	
Priceltem	2Q4.30	Clean out 160mm diameter	no.	48	
Priceltem	2Q4.31	Floor Clean out 110mm diameter	no.	83	
Priceltem	2Q4.32	Floor Clean out 160mm diameter	no.	7	
Priceltem	2Q4.33	Funnel floor drain 50mm diameter	no.	19	
Priceltem	2Q4.34	Funnel floor drain 75mm diameter	no.	12	
Priceltem	2Q4.35	Area drain	no.	16	
Priceltem	2Q4.36	Roof drain 110mm diameter	no.	1	
Priceltem	2Q4.37	Roof drain 160mm diameter	no.	56	
Priceltem	2Q4.38	Vent thru roof; 50mm diameter	no.	7	
Priceltem	2Q4.39	Vent thru roof; 75mm diameter	no.	11	
Priceltem	2Q4.40	Vent thru roof; 110mm diameter	no.	7	
Priceltem	2Q4.41	Gutter drain pot; 50mm diameter	no.	6	
Note	-	MANHOLE, GULLY TRAP			
Note	-	Supply and install including excavation, backfilling, concrete, waterproofing cover and frame, complete all in accordance with the drawings and specification			
Priceltem	2Q4.42	Storm water manhole; Depth not exceeding 1.5m; 600 x 600mm	no.	15	
Priceltem	2Q4.43	Storm water manhole; Depth not exceeding 1.5m; 800 x 800mm	no.	17	
Priceltem	2Q4.44	Storm water manhole; Depth 1.5 - 2.0m; 800 x 800mm	no.	1	
Priceltem	2Q4.45	Sanitary manhole; Depth not exceeding 1.5m; 600 x 600mm	no.	6	
Priceltem	2Q4.46	Sanitary manhole; Depth not exceeding 1.5m; 800 x 800mm	no.	22	
Priceltem	2Q4.47	Manhole, Ref PRMH; Depth not exceeding 1.5m; 1000 x 600mm	no.	3	
Priceltem	2Q4.48	Back wash drain tank	no.	1	
Priceltem	2Q4.49	Free standing sump pump; 600 x 600 x 600mm	no.	3	
Priceltem	2Q4.50	Neutralization chamber	no.	2	
Priceltem	2Q4.51	Drain Pipe Trench; 1000 x 250 x 400mm	no.	3	
Priceltem	2Q4.52	Drain Pipe Trench; 1000 x 250 x 600mm	no.	1	
Priceltem	2Q4.53	Trench Grating; 900 x 200mm	no.	1	
Priceltem	2Q4.54	Trench Grating; 1000 x 300mm	no.	5	
Priceltem	2Q4.55	Trench Grating; 4000 x 300mm	no.	2	
Priceltem	2Q4.56	Gully trap	no.	30	
Priceltem	2Q4.57	Grease trap	no.	1	
Note	-	Contractor's Adjustment			
Priceltem	2Q4.58	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION Q - MECHANICAL ENGINEERING INSTALLATION (Continued)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION Q/5 - FIRE PROTECTION			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	FIRE HOSE CABINET			
Note	-	Supply, install, test, commission and hand over the following Fire Cabinets, hose reel and Fire Extinguishers in accordance with relevant NFPA latest edition and conforming to Civil Defense regulations			
Priceltem	2Q5.01	Fire Hose Cabinet, FC.1 with the following as shown in drawing FP-FP-602: comprising:	no.	42	
Note	-	a) 65mmØ Landing valve b) 25mmØ Pressure reducing valve c) 25mmØ Hose Nozzle d) 25mmØ, 30m long Rubber Hose with Automatic Swinging Hose Reel e) 65mmØ WRP Connection f) 40mmØ Nozzle g) 40mmØ Flexible Hose in Cradle h) 2 Gallons water gas Fire Extinguisher i) 4.5Kg dry powder Fire Extinguisher			
Note	-	FIRE EXTINGUISHER			
Note	-	Supply and install the following			
Note	-	4.50kg Dry chemical powder fire extinguisher for all types fire			
Priceltem	2Q5.02	FE - 1	no.	74	
Priceltem	2Q5.03	FE - 2	no.	39	
Priceltem	2Q5.04	FE - 3	no.	9	
Priceltem	2Q5.05	FE - 4	no.	2	
Priceltem	2Q5.06	FE - 5	no.	30	
Priceltem	2Q5.07	FE - 6	no.	1	
Priceltem	2Q5.08	FE - 7	no.	1	
Priceltem	2Q5.09	FE - 8	no.	1	
Note	-	WATER BASED FIRE SUPPRESSION SYSTEMS			
Note	-	Supply and install the following ERW galvanized, Class B designed for working pressure of at least 2070Kpa pipework including all fittings, supports, hangers, painting and coding for fire suppression system; Piping works			
Priceltem	2Q5.10	25mm diameter	no.	3650	
Priceltem	2Q5.11	32mm diameter	no.	305	
Priceltem	2Q5.12	40mm diameter	no.	597	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2Q5.13	50mm diameter	no.	789	
Priceltem	2Q5.14	65mm diameter	no.	259	
Priceltem	2Q5.15	80mm diameter	no.	250	
Priceltem	2Q5.16	100mm diameter	no.	1041	
Priceltem	2Q5.17	150mm diameter	no.	493	
Priceltem	2Q5.18	Pendant & Upright Sprinkler head	no.	145	
Priceltem	2Q5.19	Pendant Sprinkler head	no.	1887	
Priceltem	2Q5.20	Sidewall Quick Response Sprinkler head	no.	13	
Priceltem	2Q5.21	Flow Switch 80mmØ	no.	9	
Priceltem	2Q5.22	Automatic Air vent 65mm diameter	no.	25	
Priceltem	2Q5.23	Fireman/Fire brigade breeching inlet 150mm diameter	no.	2	
Priceltem	2Q5.24	Isolation valve, 150mm diameter	no.	9	
Priceltem	2Q5.25	Isolation valve, 200mm diameter	no.	4	
Priceltem	2Q5.26	Zone Control Valve assembly 150mm diameter	no.	9	
Priceltem	2Q5.27	OS & Y valve, 200mm diameter	no.	3	
Priceltem	2Q5.28	Non return valves: UL 262, cast iron body, bronze mounted, with solid disc, non rising stem, operating nut and flanged ends; 200mm diameter	no.	3	
Priceltem	2Q5.29	Gate valves: UL 262, cast iron body, bronze mounted, with solid disc, non rising stem, operating nut and flanged ends; 200mm diameter	no.	3	
Priceltem	2Q5.30	Check valves: UL 312, swing type, cast iron body with flanged or grooved ends; 200mm diameter	no.	2	
Priceltem	2Q5.31	Pressure reducing valves: UL 1468, brass or bronze. Include female NPS inlet and out, adjustable setting feature, and straight or 90.degree angle pattern design as indicated, finish; rough chrome.plated; 200mm diameter	no.	1	
Priceltem	2Q5.32	Test and drain valves: UL 1726, NPS 3/4 (DN 20),ball check device with threaded ends; 25mm diameter	no.	9	
Note	-	CLEAN AGENT FIRE EXTINGUISHING SYSTEM	FOR REFERENCE ONLY		
Note	-	Design, supply, install and commission the approved automatic clean agent extinguishing system (FM-200) including cylinder, valves, pressure gauges, safety valves, flexible connections, pipes, discharge nozzles, solenoid actuator, discharge pressure switches, manual actuator, detectors and all the required accessories as per drawings and in accordance with NFPA 2001 and Civil Defense regulations (FP-402)			
Priceltem	2Q5.33	MDF room	m3	64	
Priceltem	2Q5.34	BMS room	m3	66	
Priceltem	2Q5.35	Etisalat room	m3	67	
Priceltem	2Q5.36	LV room	m3	325	
Priceltem	2Q5.37	HV room	m3	144	
Priceltem	2Q5.38	Transformer room	m3	232	
Priceltem	2Q5.39	AV room	m3	68	
Priceltem	2Q5.40	GSM room	m3	66	
Priceltem	2Q5.41	MCC / Electrical room	m3	75	
Note	-	FIRE PUMPS			
Note	-	Supply, install, test and commission the following fire pumps complete with piping, control panel, builder's work and accessories, etc.			
Priceltem	2Q5.42	Vertical Turbine Electric Motor Driven Fire Pump (FP-01), Rating 113m3/hr, 70m head	no.	1	
Priceltem	2Q5.43	Vertical Turbine Diesel Driven Fire Pump (FP-02), Rating 227m3/hr, 70m head	no.	1	
Priceltem	2Q5.44	Vertical Multistage Centrifugal Jockey Pump (JP-01), Rating 12m3/hr, 115m head	no.	1	
Priceltem	2Q5.45	Fuel storage tank (500 liters capacity)	no.	1	
Note	-	Contractor's Adjustment			
Priceltem	2Q5.46	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION R - ELECTRICAL ENGINEERING INSTALLATION			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION R/1 - MAIN AND SUB-MAIN DISTRIBUTION	FOR REFERENCE ONLY		
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	COMMON REQUIREMENTS FOR ELECTRICAL INSTALLATIONS			
Note	-	LV CABLE			
Note	-	Supply, install and connect Cables complete with cable glands, ducts, cable straps and terminations to all equipment as indicated on the drawing for proper installation and operation compete including related civil works			
Priceltem	2R1.01	1x2C 4mm² XLPE/SWA/LSF+1x1C 4mm² XLPE/LSF(CPC)	m	135	
Priceltem	2R1.02	1x4C 4mm² XLPE/SWA/FS+1x1C 4mm² XLPE/FS(CPC)	m	145	
Priceltem	2R1.03	1x4C 4mm² XLPE/SWA/LSF+1x1C 4mm² XLPE/LSF(CPC)	m	1307	
Priceltem	2R1.04	1x4C 6mm² XLPE/SWA/LSF+1x1C 6mm² XLPE/LSF(CPC)	m	114	
Priceltem	2R1.05	1x4C 10mm² XLPE/SWA/LSF+1x1C 10mm² XLPE/LSF(CPC)	m	1591	
Priceltem	2R1.06	1x4C 16mm² XLPE/SWA/LSF+1x1C 16mm² XLPE/LSF(CPC)	m	1343	

Worksheet	MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)				
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2R1.07	1x2C 16mm² XLPE/SWA/LSF+1x1C 16mm² XLPE/LSF(CPC)	m	5	
Priceltem	2R1.08	1x4C 25mm² XLPE/SWA/LSF+1x1C 16mm² XLPE/LSF(CPC)	m	1361	
Priceltem	2R1.09	1x4C 35mm² XLPE/SWA/LSF+1x1C 16mm² XLPE/LSF(CPC)	m	751	
Priceltem	2R1.10	1x4C 50mm² XLPE/SWA/LSF+1x1C 25mm² XLPE/LSF(CPC)	m	202	
Priceltem	2R1.11	1x4C 70mm² XLPE/SWA/LSF+1x1C 35mm² XLPE/LSF(CPC)	m	88	
Priceltem	2R1.12	1x4C 120mm² XLPE/SWA/LSF+1x1C 70mm² XLPE/LSF(CPC)	m	5	
Priceltem	2R1.13	1x4C 150mm² XLPE/SWA/LSF+1x1C 70mm² XLPE/LSF(CPC)	m	757	
Priceltem	2R1.14	2x4C 185mm² XLPE/SWA/LSF+2x1C 95mm² XLPE/LSF(CPC)	m	52	
Priceltem	2R1.15	4x4C 300mm² XLPE/SWA/LSF+ 4x1C 150mm² XLPE/LSF(CPC)	m	188	
Priceltem	2R1.16	1x4C 300mm² XLPE/SWA/FS+1x 1C 150mm² XLPE/FS(CPC)	m	278	
Priceltem	2R1.17	1x4C 300mm² XLPE/SWA/LSF+1x1C 150mm² XLPE/LSF(CPC)	m	768	
Priceltem	2R1.18	11x1C 630mm² XLPE/AWA/LSF	m	95	
Note	-	CABLE TRAYS FOR ELECTRICAL SYSTEMS			
Note	-	Supply, install and connect the following complete with all support and accessories for proper installation and operation; Two compartment Cable tray (Power and ELV)			
Priceltem	2R1.19	100mm wide	m	44	
Priceltem	2R1.20	200mm wide	m	469	
Priceltem	2R1.21	300mm wide	m	412	
Priceltem	2R1.22	450mm wide	m	14	
Priceltem	2R1.23	600mm wide	m	262	
Priceltem	2R1.24	900mm wide	m	78	
Note	-	SWITCHBOARDS			
Note	-	Supply, install and connect the following Main, Sub Distribution boards complete with all accessories interconnections etc. (cable and conduit measured separately), all as shown on the drawings, as specified and as required for proper installation and operation			
Note	-	MAIN DISTRIBUTION BOARDS			
Priceltem	2R1.25	MDB-01, (1347.00kW)	no.	1	
Priceltem	2R1.26	MDB-02, (1241.00kW)	no.	1	
Priceltem	2R1.27	MDB-03, (1223.00kW)	no.	1	
Priceltem	2R1.28	MDB-03, (992.00kW)	no.	1	
Note	-	SUB-MAIN DISTRIBUTION BOARDS			
Priceltem	2R1.29	SMDB-ADMIN-1F, (87.00kW)	no.	1	
Priceltem	2R1.30	SMDB.ADMIN.GF, 110kW	no.	1	
Priceltem	2R1.31	SMDB-GF-01, (218.00kW)	no.	1	
Priceltem	2R1.32	SMDB-GF-LC-01, (160.00kW)	no.	1	
Priceltem	2R1.33	SMDB-GF-LC-02, (161.00kW)	no.	1	
Priceltem	2R1.34	SMDB-1F-LC-01, (176.00kW)	no.	1	
Priceltem	2R1.35	SMDB-1F-LC-02, (125.00kW)	no.	1	
Priceltem	2R1.36	SMDB-2F-LC-01, (108.00kW)	no.	1	
Priceltem	2R1.37	SMDB-2F-LC-02, (103.00kW)	no.	1	
Priceltem	2R1.38	SMDB-MPG, (81.00kW)	no.	1	
Priceltem	2R1.39	SMDB-POOL, (182.00kW)	no.	1	
Note	-	DISTRIBUTION BOARDS			
Note	-	Supply, install and connect the following complete with all accessories, interconnections, etc., all as shown on the drawings, as specified and as required for proper operation			
Priceltem	2R1.40	DB-A-GF-01, (15.00kW)	no.	1	
Priceltem	2R1.41	DB-A-GF-02, (35.00kW)	no.	1	
Priceltem	2R1.42	DB-B-GF-01, (15.00kW)	no.	1	
Priceltem	2R1.43	DB-B-GF-02, (40.00kW)	no.	1	
Priceltem	2R1.44	DB-C-GF-01, (15.00kW)	no.	1	
Priceltem	2R1.45	DB-C-GF-02, (37.00kW)	no.	1	
Priceltem	2R1.46	DB-D-GF-01, (15.00kW)	no.	1	
Priceltem	2R1.47	DB-D-GF-02, (37.00kW)	no.	1	
Priceltem	2R1.48	DB-E-GF-01, (16.00kW)	no.	1	
Priceltem	2R1.49	DB-E-GF-02, (40.00kW)	no.	1	
Priceltem	2R1.50	DB-F-GF-01, (15.00kW)	no.	1	
Priceltem	2R1.51	DB-F-GF-02, (35.00kW)	no.	1	
Priceltem	2R1.52	DB-A1-1F-01, (14.00kW)	no.	1	
Priceltem	2R1.53	DB-A1-1F-02, (38.00kW)	no.	1	
Priceltem	2R1.54	DB-B1-1F-01, (15.00kW)	no.	1	
Priceltem	2R1.55	DB-B1-1F-02, (53.00kW)	no.	1	
Priceltem	2R1.56	DB-C1-1F-01, (14.00kW)	no.	1	
Priceltem	2R1.57	DB-C1-1F-02, (36.00kW)	no.	1	
Priceltem	2R1.58	DB-D1-1F-01, (14.00kW)	no.	1	
Priceltem	2R1.59	DB-D1-1F-02, (37.00kW)	no.	1	
Priceltem	2R1.60	DB-E1-1F-01, (16.00kW)	no.	1	
Priceltem	2R1.61	DB-E1-1F-02, (55.00kW)	no.	1	
Priceltem	2R1.62	DB-B2-2F-01, (14.00kW)	no.	1	
Priceltem	2R1.63	DB-B2-2F-02, (37.00kW)	no.	1	
Priceltem	2R1.64	DB-C2-2F-01, (14.00kW)	no.	1	
Priceltem	2R1.65	DB-C2-2F-02, (43.00kW)	no.	1	
Priceltem	2R1.66	DB-D2-2F-01, (15.00kW)	no.	1	
Priceltem	2R1.67	DB-D2-2F-02, (40.00kW)	no.	1	
Priceltem	2R1.68	DB-E2-2F-01, (13.00kW)	no.	1	
Priceltem	2R1.69	DB-E2-2F-02, (35.00kW)	no.	1	
Priceltem	2R1.70	DB-AD-GF-01, (20.00kW)	no.	1	
Priceltem	2R1.71	DB-AD-GF-02, (61.00kW)	no.	1	
Priceltem	2R1.72	DB-AD-GF-03, (7.00kW)	no.	1	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2R1.73	DB-AD-1F-01, (18.00kW)	no.	1	
Priceltem	2R1.74	DB-AD-1F-02, (22.00kW)	no.	1	
Priceltem	2R1.75	DB-KIT-01, (25.00kW)	no.	1	
Priceltem	2R1.76	DB-KIT-02, (32.00kW)	no.	1	
Priceltem	2R1.77	DB-KIT-03, (20.00kW)	no.	1	
Priceltem	2R1.78	DB-KIT-04, (20.00kW)	no.	1	
Priceltem	2R1.79	DB-LIB-GF-01, (18.00kW)	no.	1	
Priceltem	2R1.80	DB-LIB-1F-01, (16.00kW)	no.	1	
Priceltem	2R1.81	DB-MPG-01, (30.00kW)	no.	1	
Priceltem	2R1.82	DB-MPG-02, (35.00kW)	no.	1	
Priceltem	2R1.83	DB-MPG-03, (9.00kW)	no.	1	
Priceltem	2R1.84	DB-POOL-01, (15.70kW)	no.	1	
Priceltem	2R1.85	DB-POOL-02, (15.40kW)	no.	1	
Priceltem	2R1.86	DB-SS-01, (6.60kW)	no.	1	
Priceltem	2R1.87	DB-UPS-01, (8.10kW)	no.	1	
Priceltem	2R1.88	DR-01 (6.00kW)	no.	1	
Priceltem	2R1.89	DB-FP-01, (4.90kW)	no.	1	
Priceltem	2R1.90	DB-FP-02, (22.40kW)	no.	1	
Note	-	MOTOR CONTROL CENTERS			
Note	-	Supply, install and connect the following complete with all accessories for proper installation and operation			
Priceltem	2R1.91	MCC-01, (230.00kW)	no.	1	
Priceltem	2R1.92	MCC-02, (182.50kW)	no.	1	
Priceltem	2R1.93	MCC-03, (41.00kW)	no.	1	
Priceltem	2R1.94	MCC-LC-01, (108.00kW)	no.	1	
Priceltem	2R1.95	MCC-LC-02, (122.00kW)	no.	1	
Note	-	Supply, install and connect the following complete with all accessories for proper installation and operation			
Priceltem	2R1.96	LCM-KIT-01	no.	1	
Priceltem	2R1.97	LCM-MPG-01	no.	1	
Priceltem	2R1.98	LCM-F-01	no.	1	
Priceltem	2R1.99	LCM-POOL-01	no.	1	
Priceltem	2R1.100	LCM-A-01	no.	1	
Priceltem	2R1.101	LCM-E-01	no.	1	
Priceltem	2R1.102	LCM-D-01	no.	1	
Priceltem	2R1.103	LCM-LIB-01	no.	1	
Priceltem	2R1.104	LCM-AD-01	no.	1	
Priceltem	2R1.105	LCM-B-01	no.	1	
Priceltem	2R1.106	LCM-C-01	no.	1	
Priceltem	2R1.107	LCM-A1-01	no.	1	
Priceltem	2R1.108	LCM-B1-01	no.	1	
Priceltem	2R1.109	LCM-C1-01	no.	1	
Priceltem	2R1.110	LCM-LIB-1F-01	no.	1	
Priceltem	2R1.111	LCM-AD-1F-01	no.	1	
Priceltem	2R1.112	LCM-E1-01	no.	1	
Priceltem	2R1.113	LCM-D1-01	no.	1	
Priceltem	2R1.114	LCM-B2-01	no.	1	
Priceltem	2R1.115	LCM-C2-01	no.	1	
Priceltem	2R1.116	LCM-D2-01	no.	1	
Priceltem	2R1.117	LCM-E2-01	no.	1	
Note	-	POWER FACTOR CORRECTION EQUIPMENT			
Note	-	Supply, install, test and commission Automatic Power Factor Correction Equipment complete with relays, capacitor banks and all accessories all as shown in drawings, as specified and as required for proper operations.			
Priceltem	2R1.118	300KVar Automatic Power factor Correction Capacitor Bank	no.	4	
Note	-	SURGE PROTECTION			
Note	-	Provide, all labour, materials, products, equipment and services to supply and install the surge protection systems as indicated on the drawings and specified in these specifications			
Priceltem	2R1.119	Surge Protection for MDB 01	no.	1	
Priceltem	2R1.120	Surge Protection for MDB 02	no.	1	
Priceltem	2R1.121	Surge Protection for MDB 03	no.	1	
Priceltem	2R1.122	Surge Protection for MDB 04	no.	1	
Note	-	Contractor's Adjustment			
Priceltem	2R1.123	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION R/2 - LIGHTING INSTALLATION			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	INTERIOR LIGHTING			
Note	-	Supply and install light fittings complete with lamps, tubes, reflectors, control gears, transformers, power supply units and all required fixings accessories, etc., including ceiling roses and flexible cabling, wiring and conduit and connected the distribution boards & lighting control system, all as shown on the drawings, as specified and as required for proper operation			
Priceltem	2R2.01	Lighting Type D1	no.	368	
Priceltem	2R2.02	Lighting Type D1B	no.	79	
Priceltem	2R2.03	Lighting Type D2	no.	12	
Priceltem	2R2.04	Lighting Type D2B	no.	1	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2R2.05	Lighting Type D3	no.	170	
Priceltem	2R2.06	Lighting Type D3B	no.	114	
Priceltem	2R2.07	Lighting Type D4	no.	142	
Priceltem	2R2.08	Lighting Type D4B	no.	4	
Priceltem	2R2.09	Lighting Type D5	no.	101	
Priceltem	2R2.10	Lighting Type D5B	no.	4	
Priceltem	2R2.11	Lighting Type D6	no.	6	
Priceltem	2R2.12	Lighting Type D7	no.	36	
Priceltem	2R2.12a	Lighting Type D8	no.	5	
Priceltem	2R2.12b	Lighting Type D8B	no.	3	
Priceltem	2R2.13	Lighting Type F1	no.	372	
Priceltem	2R2.14	Lighting Type F1B	no.	75	
Priceltem	2R2.15	Lighting Type F2	no.	103	
Priceltem	2R2.16	Lighting Type F2B	no.	96	
Priceltem	2R2.17	Lighting Type F3	no.	68	
Priceltem	2R2.18	Lighting Type F3B	no.	30	
Priceltem	2R2.19	Lighting Type F4	no.	209	
Priceltem	2R2.20	Lighting Type F4B	no.	60	
Priceltem	2R2.21	Lighting Type F5	no.	75	
Priceltem	2R2.22	Lighting Type F5B	no.	67	
Priceltem	2R2.23	Lighting Type F6	no.	218	
Priceltem	2R2.24	Lighting Type F6B	no.	56	
Priceltem	2R2.25	Lighting Type F7	no.	71	
Priceltem	2R2.26	Lighting Type F7B	no.	10	
Priceltem	2R2.27	Lighting Type F8	no.	40	
Priceltem	2R2.28	Lighting Type F8B	no.	8	
Priceltem	2R2.28a	Lighting Type F9	no.	5	
Priceltem	2R2.28b	Lighting Type F10	no.	62	
Priceltem	2R2.28c	Lighting Type F10B	no.	17	
Priceltem	2R2.28d	Lighting Type F11	no.	20	
Priceltem	2R2.28e	Lighting Type F12	no.	24	
Priceltem	2R2.28f	Lighting Type F12B	no.	3	
Priceltem	2R2.28g	Lighting Type F13	no.	41	
Priceltem	2R2.28h	Lighting Type F13B	no.	7	
Priceltem	2R2.28i	Lighting Type F14	no.	518	
Priceltem	2R2.28j	Lighting Type F14B	no.	148	
Priceltem	2R2.28k	Lighting Type F15	no.	27	
Priceltem	2R2.28l	Lighting Type F15B	no.	10	
Priceltem	2R2.28m	Lighting Type DL1	no.	14	
Priceltem	2R2.29	Lighting Type FL1	no.	23	
Priceltem	2R2.30	Lighting Type FL1B	no.	7	
Priceltem	2R2.31	Lighting Type S1	no.	45	
Priceltem	2R2.32	Lighting Type S1B	no.	24	
Priceltem	2R2.33	Lighting Type T1	no.	10	
Priceltem	2R2.34	Lighting Type WL1B	no.	6	
Priceltem	2R2.35	Lighting Type WL4B	no.	8	
Priceltem	2R2.35a	Lighting Type LL2	m	33	
Note	-	EXTERIOR LIGHTING			
Note	-	Supply and install light fittings complete with lamps, tubes, reflectors, control gears, transformers, power supply units and all required fixings accessories, etc., including ceiling roses and flexible cabling, wiring and conduit and connected the distribution boards & lighting control system, all as shown on the drawings, as specified and as required for proper operation			
Priceltem	2R2.36	Lighting Type WL3	no.	44	
Priceltem	2R2.37	Lighting Type WL3B	no.	91	
Note	-	SWITCHES			
Note	-	Fittings complete with all required fixings accessories, etc., including wiring and conduit and connected the distribution boards all as shown on the drawings, as specified and as required for proper operation			
Priceltem	2R2.38	Single pole 1 way switch	no.	46	
Priceltem	2R2.39	Single pole 1 way (Weatherproofed)	no.	3	
Priceltem	2R2.40	Single pole 1 way 2 gang switch	no.	122	
Priceltem	2R2.41	Single pole 1 way 3 gang switch	no.	15	
Priceltem	2R2.42	Single pole 2 way switch	no.	18	
Priceltem	2R2.43	Single pole 2 way switch (Weatherproofed)	no.	4	
Priceltem	2R2.44	Single pole 2 way 2 gang switch	no.	15	
Priceltem	2R2.45	Single pole 2 way 2 gang switch (Weatherproofed)	no.	2	
Priceltem	2R2.46	Single pole 2 way 3 gang switch	no.	4	
Note	-	Contractor's Adjustment			
Priceltem	2R2.47	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION R/3 - POWER			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	WIRING DEVICES			
Priceltem	2R3.01	20A SPN isolating switch	no.	14	
Priceltem	2R3.02	20A TPN isolating switch	no.	6	
Priceltem	2R3.03	32A SPN isolating switch	no.	3	
Priceltem	2R3.04	16A SPN isolating switch (weatherproofed)	no.	9	
Priceltem	2R3.05	20A TPN isolating switch (weatherproofed)	no.	25	

Worksheet		MODEL 4: SCHOOLS - AL FALAH PLOT 1C-P5-P6 (BOYS SCHOOL)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Priceltem	2R3.06	32A TPN isolating switch (weatherproofed)	no.	2	
Priceltem	2R3.07	40A TPN isolating switch (weatherproofed)	no.	22	
Priceltem	2R3.08	63A TPN isolating switch (weatherproofed)	no.	16	
Priceltem	2R3.09	100A TPN isolating switch (weatherproofed)	no.	1	
Priceltem	2R3.10	125A TPN isolating switch (weatherproofed)	no.	5	
Priceltem	2R3.11	1600A TPN isolating switch (weatherproofed)	no.	4	
Priceltem	2R3.12	13A 3 pin sw socket	no.	133	
Priceltem	2R3.13	13A 3 pin sw socket (weatherproofed)	no.	41	
Priceltem	2R3.14	13A 3 pin sw socket at high level	no.	13	
Priceltem	2R3.15	13A 3 pin sw twin socket	no.	668	
Priceltem	2R3.16	13A 3 pin sw twin socket at high level	no.	107	
Priceltem	2R3.17	13A 3 pin sw twin socket at high level (weatherproofed)	no.	23	
Priceltem	2R3.18	13A 3 pin sw twin socket (Cleaner socket)	no.	79	
Priceltem	2R3.19	13A 3 pin sw twin socket (weatherproofed)	no.	11	
Priceltem	2R3.20	13A switched fused spur unit	no.	4	
Priceltem	2R3.21	13A switched fused spur unit (Weatherproof)	no.	8	
Priceltem	2R3.22	Floor Junction Box	no.	2	
Priceltem	2R3.23	Wall Junction Box	no.	11	
Priceltem	2R3.24	Ceiling mounted junction box	no.	17	
Priceltem	2R3.25	Control panel for Chiller.01 (weatherproofed)	no.	1	
Priceltem	2R3.26	Control panel for Chiller.02 (weatherproofed)	no.	1	
Priceltem	2R3.27	Control panel for Chiller.03 (weatherproofed)	no.	1	
Priceltem	2R3.28	Control panel for Chiller.04 (weatherproofed)	no.	1	
Priceltem	2R3.29	Control panel for Raw Water Transfer Pump (weatherproofed)	no.	1	
Priceltem	2R3.30	Control panel for Raw Irrigation Pump (weatherproofed)	no.	1	
Priceltem	2R3.31	Control panel for Swimming Pool Filter Pump (weatherproofed)	no.	2	
Priceltem	2R3.32	Control panel for Booster Pump (weatherproofed)	no.	1	
Priceltem	2R3.33	Control panel for Lift Pit Sump Pump - 1 (weatherproofed)	no.	1	
Priceltem	2R3.34	Control panel for Lift Pit Sump Pump - 2 (weatherproofed)	no.	1	
Priceltem	2R3.35	Control panel for Lift Pit Sump Pump - 3 (weatherproofed)	no.	1	
Priceltem	2R3.36	Control panel for Circulating Pump Pool Heat Exchanger (weatherproofed)	no.	1	
Priceltem	2R3.37	Control panel for Circulating Pump Changing room (weatherproofed)	no.	2	
Priceltem	2R3.38	Control panel for Circulating Pump Heat Exchanger (weatherproofed)	no.	1	
Priceltem	2R3.39	Control panel for Electrical Fire & Jockey Pump (weatherproofed)	no.	1	
Priceltem	2R3.40	Control panel for Circulating Pump . Kitchen (weatherproofed)	no.	1	
Priceltem	2R3.41	Control panel for Copper Selver Ionizer (weatherproofed)	no.	2	
Note	-	Contractor's Adjustment			
Priceltem	2R3.42	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Note	-	SECTION R/4 - TELECOMMUNICATION INSTALLATION			
Note	-	The Contractor is referred to the Drawings and Specification for all details related to this section of the Works and he is to include for complying with all the requirements contained therein, whether or not they are specifically mentioned within the item descriptions			
Note	-	COMMUNICATION EQUIPMENT, CABLING AND COMMON WORKS			
Note	-	Supply, install and connect the following Communication Cabling and Common works			
Priceltem	2R4.01	Single RJ 45 telecom outlet	no.	126	
Priceltem	2R4.02	Single RJ 45 telecom outlet ceiling mounted	no.	79	
Priceltem	2R4.03	Dual RJ 45 telecom outlet	no.	489	
Priceltem	2R4.04	Single RJ 45 Telecom Outlet-with ,wire less access point (WAP)-Ceiling Mounted	no.	134	
Priceltem	2R4.05	Single RJ 45 Telecom Outlet-weather Proof	no.	5	
Priceltem	2R4.06	Intermediate Distribution Frame	no.	10	
Priceltem	2R4.07	Main Distribution Frame (DF-01)	no.	1	
Priceltem	2R4.08	8 core Single mode Fibre optic cable and conduits	Item	1	
Priceltem	2R4.09	16 core Single mode Fibre optic cable and conduits	Item	1	
Priceltem	2R4.10	6 core Single mode Fibre optic cable and conduits	m	383	
Priceltem	2R4.11	Cat 6 cable in 25mm2 dia PVC cable for Voice and Data outlet	no.	833	
Note	-	Contractor's Adjustment			
Priceltem	2R4.12	Contractor may price here any items which has been shown in the Contract drawings or any other Tender/Contract Documents but overlooked or not specifically mentioned in the schedule of items and is necessary for the satisfactory completion of the Works. Should the Contractor fail to insert any item here, it will be deemed that lump sum Contract/Tender Price includes all such items and no claims for additional items will be entertained.	Item	1	
Worksheet		SECTION R - ELECTRICAL ENGINEERING INSTALLATION (Continued)			
SectionConfig	Included_in_Total	Y			
HeadingsLine	Item Reference / Note Title	Item Description / Note details	Unit of Measure	Quantity/Base Price	Goods Group code
Note	-	SECTION R/5 -FIRE ALARM AND DETECTION SYSTEM			
Note	-	Supply, install and connect, fire detection and alarm system to the latest rules and regulations complete with cabling and accessories as required for proper installation and operation			
Priceltem	2R5.01	Input/output interface	no.	12	