

SCHEDULE 'A' PART - II
INTERNAL WATER SUPPLY**NAME OF WORK: PROVISION OF VOCATIONAL LAB IN KV AT AFS SAMBRA**

Sl No	Description of item	Ref to drg. No.	Unit rate Rs Ps.	No of units required	Amount Rs Ps.	Items after date of handing over site	Remarks
1	2	3	4	5	6	7	8
1	S&F stainless steel sink with draining board of overall size 915mmX460mm with bowl size 410mmX330mmX160mm made out of 1.00mm thick sheet for kitchen or laboratory with plugs, washers, waste pipe, waste coupling etc. complete fixed over Garnite stone complete all as specified and directed		<u>4506.13</u> Each	2.00	9012.26		
2	Supplying and laying of 20mm nominal size CPVC pipes SDR 11 including plain & brass threaded special fittings of same size or of reducer or enlarged size, fixed to wall/ceiling or laying in floors and necessary cutting/chases in wall/floor of any description and their making good complete all as specified and directed		<u>244.60</u> RM	20.00	4892.00		
3	S&F 15mm bore fancy long body bib taps , cast copper alloy, Chromium plated with cutch or butterfly handle, screwed down, screwd for CPVC pipe complete all as specified and directed		475.86 Each	2.00	951.72		
4	Supply, hoisting and fixing of triple layer, ISI marked, 1000 litres capacity rotational moulded polyethylene water storage tank (cylindrical vertical with closed top) fixed in position including PTMT 25mm bore ball valve high pressure with epoxy coated aluminium rod and high density plastic ball, two Nos new tank nipples of PTMT material 20mm/25mm bore complete all as specified and directed		<u>8930.22</u> Each	1.00	8930.22		
5	M&L for coloured glazed ceramic tiles joint less/edge cutted of size 450mmx300mmx6mm to 7mm thick as in vertical surfaces, set and jointed in neat cement slurry and pointed in white cement with pigment to match the shade of tiles laid over and including 10mm thick backing/rendering in cement mortar (1:4) complete all as specified and directed		<u>1543.20</u> Sqm	5.00	7716.00		

SCHEDULE 'A' PART - II Contd...

1	2	3	4	5	6	7	8
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6	S&F 15mm bore CPVC gate valve with cutch or butterfly handle, screwed down, screwd for CPVC pipe complete all as specified and directed	<u>214.10</u> Each	2.00	428.20			
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Total of **Sch 'A' Part - II** carried over to BOQ**31936.40**Signature of contractor
Dated:AGE (Contracts)
for Accepting Officer

SCHEDULE 'A' PART - III
INTERNAL ELECTRIFICATION

NAME OF WORK: PROVISION OF VOCATIONAL LAB IN KV AT AFS SAMBRA

Sl No	Description of item	Ref to drg. No.	Unit rate Rs Ps.	No of units required	Amount Rs Ps.	Period of completion of individual items after date of handing over site	Remarks
1	2	3	4.00	5	6	7	8
1	M&L for point wiring for one light/exhaust fan/fan point controlled by one switch with two runs of single core 1.5 Sqmm (nominal area) PVC insulated unsheathed FRLS multistranded copper conductor cable confirming to IS drawn through and including non metallic PVC conduit concealed/semi concealed including Flush type metal GI boxes for fixing modular type switches, sockets, regulators etc. including provision of multistranded 1.5 Sqmm copper conductor as earth wire connected to common earth dolly and earth in distribution board including cutting of stone masonry/ wall complete all as specified and directed		992.75 Per Point	21.00	20847.75		
2	All as per Srl item No.1 above but for one 5 Amps socket on independent board		1070.40 Per Point	15.00	16056.00		
3	All as per item Srl item No.1 above but with 2.5 Sqmm FRLS copper cable for one 15 Amps power point. Including 2.5 Sq mm FRLS copper conductor cable for earth continuity conductor and connecting it to earth lead		1131.39 Each	5.00	5656.95		
4	S&F switch Modular type single pole 6 Amps One Way AC 230V, 50HZ complete all as specified and directed		260.50 Each	36.00	9378		
5	S&F ceiling rose surface backlite 63 mm dia two to three terminals complete all as specified and directed		65.70 Each	18.00	1182.6		
6	S&F modular type socket 5A AC 230V, 50HZ complete all as specified and directed		340.54 Each	15.00	5108.1		
7	S&F modular type switch combine 6A/16A multi purpose AC 230CV, 50Hz complete all as specified and directed		528.40 Each	5.00	2642		
8	S&F modular Fan step regulator, 120W - 2 module complete all as specified and directed		1017.95 Each	6.00	6107.7		

SCHEDULE 'A' PART - III Contd.,

1	2	3	4	5	6	7	8
9	S&F modular white cover plate with frame 3 module complete all as specified and directed	<u>217.70</u> Each	15.00		3265.5		
10	S&F modular white cover plate with frame 6 module complete all as specified and directed	<u>309.60</u> Each	6.00		1857.6		
11	S&F modular white cover plate with frame 8 module complete all as specified and directed	<u>381.40</u> Each	3.00		1144.2		
12	M&L for sub main wiring with 2 runs of 10 Sqmm PVC insulated FRLS Copper conductor cable including PVC conduit of Suitable dia along with one run of 10 Sqmm FRLS copper cable for earth continuity conductor as earth lead for sub main wiring and connecting to common earth dolly complete all as specified and directed	<u>350.32</u> RM	50.00		17516		
13	M&L for sub main wiring with 2runs of 2.5 Sqmm PVC insulated FRLS Copper conductor cable including PVC conduit of Suitable dia along with one run of 2.5 Sqmm FRLS copper cable for earth continuity conductor as earth lead for sub main wiring and connecting to common earth dolly complete all as specified and directed.	<u>259.20</u> RM	72.00		18662.4		
14	S&F LED street light fitting 35 Watt, 230V AC outdoor type with high pressure die cast aluminum hosing and heat resistant complete with driver, lamp bracket with impact and corrosion resistant including thermal management in multiple optics complete with IP 65/66 protection complete all as specified and directed	<u>2966.25</u> Each	4.00		11865		
15	S&F SPN DB 8 Way with 200 amps rated bus bar Double Door complete all as specified and directed	<u>1912.70</u> Each	1.00		1912.7		
16	S&F SPN DB 4 Way with 200 amps rated bus bar Double Door complete all as specified and directed	<u>1544.40</u> Each	1.00		1544.4		
17	S&F 240V, 10KA 'C' curve miniature circuit breaker (MCB) SPN and current carrying capacity 40 Amps in the MCB DB complete with connection testing and commissioning complete all as specified and directed.	<u>1330.39</u> Each	2.00		2660.78		
18	S&F 240V, 10 KA 'B' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 5 to 32 AMP, in the MCB DB complete with connection testing and commissioning complete all as specified and directed	<u>284.20</u> Each	16.00		4547.2		

SCHEDULE 'A' PART - III Contd.,

1	2	3	4	5	6	7	8
19	S&F ceiling fans complete with blades, down rods, electronic regulator and accessories, 230 V, 1400 mm sweep. Min air delivery 245 CFM with service value 6.00 BEE. Five star rated with brushless direct current motor (BLDC) complete all as specified and directed		<u>2649.47</u> Each	6.00	15896.82		
20	S&F LED lights fitting 1x 20W, 220V, AC decorative box type with driver, holder including LED tube light connecting up with three core flexible copper conductor cable of suitable size from ceiling rose complete all as specified and directed		<u>1305.40</u> Each	15.00	19581		
Total of Sch 'A' Part - III carried over to BOQ				Rs	167444.70		

Signature of contractor

Dated:

AGE (Contracts)

for Accepting Officer

SCHEDULE 'A' PART - IV**EXTERNAL ELECTRIC SUPPLY****NAME OF WORK: PROVISION OF VOCATIONAL LAB IN KV AT AFS SAMBRA**

Sl No	Description of item	Ref to drg. No.	Unit rate Rs Ps.	No of units required	Amount Rs Ps.	period of completion of individual items after date of handing over	Remarks
1	2	3	4	5	6	7	8
1	Supply, laying connecting and testing of XLPE cable insulated, screened, PVC bedded, galvanised steel strip or wire armoured, electric power cables (heavy duty) with stranded aluminium conductor, 1100 Volts grade, cross sectional area 35 Sqmm, 3.5 core cable complete all as specified and directed		<u>269.75</u> RM	184.00	49634.00		
2	Excavation in trenches, not exceeding 1.50m wide and not exceeding 1.50m in depth for foundations, trenches of cable or pipe lines etc or and getting out in hard/dense soil complete all as specified and as directed.		<u>383.70</u> Cum	32.29	12390.44		
3	S&F galvanised iron pipes 80mm bore light grade, with all fitting and fixed complete to poles/route/drains etc and ceilings or laid in floors complete all as specified and directed		<u>705.00</u> RM	10.00	7050.00		
4	Returning filling in including spreading, leveling, watering and well ramming with excavated soil in layers not exceeding 25 cm thick complete all specified and directed		<u>139.10</u> Cum	28.59	3976.48		
5	Removing excavated materials /soil to a distance not exceeding 50 metres and depositing where directed at a level not exceeding 1.5 metres above the starting point complete all specified and directed.		<u>320.40</u> Cum	3.70	1187.02		
6	S&F 4 Pole MCCB 40 Amp, 50 Hz, 415 V with rupturing capacity 16 KA complete all as specified and directed		<u>4024.10</u> Each	1.00	4024.10		
7	S&F 240V, 10 KA 'C' curve miniature circuit breaker (MCB) of single poles and current carrying capacity 5 to 32 AMP, in the MCB DB complete with connection testing and commissioning complete all specified and directed..		<u>294.00</u> Each	4.00	1176.00		

SCHEDULE 'A' PART - IV Contd..,

1	2	3	4	5	6	7	8
8	M&L for earthing complete with galvanized steel earth plate electrode 600mmx600mmx6mm thick buried directly in ground (earth pit not le. than 2.25 m deep below normal ground level) with top edge of the plate not le. than 1.5 m below normal ground level connected to GI Earth wire 4 mm dia by means of bolts and nuts checknuts and washers of galvanized iron or steel all as specified and shown in electrical plate No.5 of MES SSR Part including necessary excavation and earth work in any type of soil PCC 1:3:6 type C1 chamber with RCC 1:2:4 type B1 40 mm thick cover with MS rod 8mm dia 150mm long reinforcement, watering funnel, 40 mm dia light grade for protection of earth electrode 20 mm dia for watering complete all specified and directed.		6688.40 Each Job	1.00	6688.40		

Total of **Sch 'A' Part - IV** carried over to BOQ**86132.44**

Signature of contractor
Dated:

AGE (Contracts)
for Accepting Officer

SCHEDULE 'A' PART - V
EXTERNAL WATER SUPPLY

NAME OF WORK: PROVISION OF VOCATIONAL LAB IN KV AT AFS SAMBRA

Sl No	Description of item	Ref to drg. No.	Unit rate Rs Ps.	No of units required	Amount Rs Ps.	Period of completion of individual items after date of handing over	Remarks
1	2	3	4	5	6	7	8
1	Supplying, laying, testing and commisioning galvanized pipe of 50mm bore, medium graded including all GI fittings pipe complete all as specified and directed.		<u>421.20</u> RM	65.00	27378.00		
2	Supplying, laying, testing and commisioning galvanized pipe of 25mm bore, medium graded including all GI fittings pipe complete all as specified and directed.		<u>184.60</u> RM	14.00	2584.40		
3	Excavation in trenches, not exceeding 1.50m wide and not exeeding 1.50m in depth for foundations, trenches of cable or pipe lines etc or and getting out in hard/dense soil complete all as specified and directed.		<u>383.70</u> Cum	11.41	4377.06		
4	Returning filling in, including spreading, leveling, watering and well ramming in layers not exceeding 25 cm in soil complete all as specified and directed.		<u>139.10</u> Cum	10.19	1417.72		
5	Removing excavated materials /soil to a distance not exceeding 50 meters and depositing where directed at a level not exceeding 1.5 meters above the starting point complete all as specified and directed		<u>320.40</u> Cum	1.22	389.42		
6	S&F globe or gate valve of 50mm dia confirming to IS- 9338 complete all as specified and directed.		<u>979.08</u> Each	1.00	979.08		
7	S&F globe or gate valve of 25mm dia confirming to IS- 9338 complete all as specified and directed.		<u>587.24</u> Each	1.00	587.24		
8	Cutting the existing pipe line of 300mm bore insertion of Tee or fixing of slucie valves except DI specials complete all as specified and directed.		<u>764.22</u> Each job	1.00	764.22		

SCHEDULE 'A' PART - V Contd..,

1	2	3	4	5	6	7	8
9	S&F bends (any type, radius and angle) tapers any type, (straight, bend, increasing, decreasing or double socket etc.) Tee pieces single branch. "Y" junction, double branch, cross (all sockets or socket and spigot) collars, caps and plugs upto 150mm bore complete all as specified and directed.		<u>66.92</u> Kg	50.00	3346.00		

Total of Sch 'A' Part - V carried over to BOQ**41829.14**Signature of contractor
Dated:AGE (Contracts)
for Accepting Officer

SCHEDULE 'A' PART - VI**SEWAGE DISPOSAL****NAME OF WORK: PROVISION OF VOCATIONAL LAB IN KV AT AFS SAMBRA**

Sl No	Description of item	Ref to drg. No.	Unit rate Rs Ps.	No of units required	Amount Rs Ps.	Period of completion of individual items after date of handing over	Remarks
1	2	3	4	5	6	7	8
1	S&F PVC (SWR) floor trap of outlet dia 75mm, plain with SS gratings 125X125mm size with openable circular grating with or without hole including jointing with solvent cement including fixing to pipe properly with solvent complete all as specified & directed.		<u>225.00</u> Each	2.00	450.00		
2	M&L for 75mm bore PVC (SWR) pipe single socketed in any length with rubber ring joints, fixed to wall with necessary clamps complete all as specified & directed.		<u>291.47</u> RM	2.00	582.94		
3	M&L for 75mm bore PVC (SWR) pipe single socketed in any length with rubber ring joints, laid in trenches or in floor complete all as specified & directed.		<u>234.04</u> RM	5.00	1170.20		
4	S&F PVC (SWR) bend with access door for 75 mm bore pipe complete all as specified & directed.		<u>145.00</u> Each	2.00	290.00		
5	S&F PVC (SWR) junction single, (Single T) equal or unequal size with access door for 75 mm bore pipe complete all as specified & directed.		<u>425.28</u> Each	2.00	850.56		
6	S&F PVC (SWR) vent cowl 75 mm dia complete all as specified & directed.		<u>95.00</u> Each	2.00	190.00		
7	M&L for plain cement concrete 1:2:4, type B-1, (using 20mm nominal size crushed and graded stone aggregates) as in coping, benching, hold fast or of similar type of work including all necessary form work complete all as specified & directed.		<u>9259.40</u> Cum	0.25	2314.85		
8	M&L for pre-cast cement concrete block, 1:3:6), type C1 (using 20mm nominal size crushed and graded stone aggregates) masonry with solid blocks and setting in cement mortar (1:4) having minimum compressive strength of 50 Kg per Sqcm complete all as specified & directed.		<u>8532.50</u> Cum	1.00	8532.50		
9	M&L for 15mm thick cement plaster in CM 1:4 over walls surface of any description and material, finished even & smooth without using extra cement complete all as specified & directed.		<u>304.24</u> Sqm	10.00	3042.40		

SCHEDULE 'A' PART - VI Contd.,

1	2	3	4	5	6	7	8
10	Excavation in trenches not exceeding 1.5m wide and not exceeding 1.5m in depth; for foundation, etc. and getting out in hard/dense soil complete all as specified & directed.		<u>675.00</u> Cum	5.00	3375.00		
11	M&L for PCC 1:3:6, type C1 (using 20mm nominal size crushed and graded stone aggregate) as in surface channels & drains complete all as specified & directed.		<u>5985.90</u> Cum	0.10	598.59		
12	Returning, filling in, including spreading, levelling, watering and well ramming in layers not exc 25 cm thick complete all as specified & directed.		<u>139.10</u> Cum	2.00	278.20		
13	Removing excavated material n. exc. 50m and depositing where directed at a level not exc. 1.5 m above the starting point complete all as specified & directed.		<u>320.40</u> Cum	3.00	961.20		
14	M&L for pre-cast RCC 1:2:4 type B1 (using 20mm nominal size crushed and graded stone aggregate) as in drain cover complete all as specified & directed.		<u>11053.80</u> Cum	0.25	2763.45		
15	M&L for TMT bars 10mm dia and over and cut to length bent to shape required including cranking bending and binding with MS wire not less than 0.90mm dia complete all as specified & directed.		<u>82.60</u> Kg	50.00	4130.00		
16	M&L for concrete bed to drain pipe of 150mm bore including packing under, and haunching against the sides of pipes after they are laid and tested in cement concrete 1:3:6 type C2 (using 40mm graded crushed stone aggregates) complete all as specified & directed.		<u>466.89</u> RM	5.00	2334.45		
17	Supplying and laying 150mm bore stoneware drain pipes laid in trenches and jointed complete all as specified & directed.		<u>448.53</u> RM	5.00	2242.65		
18	M&L for cutting into existing manholes for connecting new drains of 150mm bore pipe, making good to pipe and rendering, cutting out existing benching for and forming branch channel (1/2 round or 3/4 section) in cement concrete 1:2:4 type B-I smooth finished, and reforming benching as required complete all as specified & directed.		<u>1120.00</u> Each job	1.00	1120.00		

Total of Sch 'A' Part - VI carried over to BOQ**35232.99**

Signature of contractor
Dated:

AGE (Contracts)
for Accepting Officer
