

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
<i>Schedule Items</i>						
<i>Civil Works</i>						
<i>Zulankot, Chakdara and Palai interchange</i>						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	1413.41	344744.83
2	03-70-c	Formation of Embankment from Borrow Excavation in Common Material including	M3	785.64	225.19	176915.12
3	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	M2	93.47	4634.00	433139.98
4	16-04-a	Granular sub base using pitrun gravel	M3	1431.99	14.40	20620.66
5	06-05-i	Plain cement concrete including placing , compacting, finishing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	480.75	2886509.54
6	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	424.40	3906041.79
7	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	1523.55	14022266.66
8	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	TON	146569.80	52.54	7700923.86
9	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	176.27	24993288.05
10	03-67-d	Structural backfill using Granular Material brought from out side	M3	1075.43	4390.60	4721782.96
11	07-04-a-05	Pacca brick work in foundation and plinth in Cement, sand mortar 1:6	M3	8919.77	631.03	5628642.46
12	07-05-a-05	Pacca brick work in ground floor Cement, sand mortar 1:6	M3	9584.29	1953.07	18718789.27
13	07-05-a-05 +07-06-a	Pacca brick work in First Floor Cement, sand mortar 1:6	M3	9990.52	137.22	1370899.15
14	03-16-b	Filling, watering and ramming earth under floor with earth excavated from outside lead upto 25m	M3	90.85	2372.64	215554.34
15	10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete	M3	615.97	271.25	167081.86
16	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M2	574.48	6346.99	3646218.82
17	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M2	600.19	4370.97	2623412.48
18	06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M2	780.21	3266.21	2548329.70
19	11-09-c	Cement plaster 1:4 upto 20' height 3/4" thick	M2	382.94	14946.40	5723574.42
20	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	4634.61	1328974.42
21	11-08-b	Cement plaster 1:3 upto 20' height 1/2" thick	M2	296.44	922.91	273587.44
22	11-09-a	Cement plaster 1:4 upto 20' height 3/8" thick	M2	273.04	5151.88	1406669.32

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
23	10-26-c-i	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 12 x 12 Super Sunny White Marble	M2	1855.99	4472.09	8300154.32
24	10-45-a-i	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 3/8" thick 12 x 12 Super Sunny White Marble	M2	1558.97	473.10	737548.71
25	10-26-e	Providing and Laying marble fine dressed stone 4-5 feet and 12" wide 1" thick for stairs steps	M2	1432.01	146.65	210004.27
26	10-55-h	Providing and Fixing of Porcelain Floor Tile 16" x 16" of approved quality	M2	1992.11	723.16	1440614.27
27	10-50-a	P/F Ceramic Floor Tiles (Emco, National or eq) Size : 12" x 12"	M2	1610.36	1039.72	1674323.50
28	10-43	Providing and Fixing of glazed tiles skirting etc complete imported approved quality (20"x20")	M2	2007.21	2011.25	4037001.11
29	12-70-a	Supply and Fixing MS Sheet 16 guage(10 x 2 inches) box type chowkat including fixing & position with all charges for Hold fast, Hinges & painting etc. complete in all respect as per drawings and specification, and as director by the Engineer.	M	1136.31	1330.38	1511724.10
30	12-08-c	First class deodar wood wrought joinery in door. complete : 1.5" thick	M2	16220.71	549.61	8915064.42
31	13-03-c-01+13-03-c-02	Prepare & Paint (Enamel paint)new surface, doors, Priming coat + 02 subsequent coats including iron mongry complete in all respect as per drawings and specification, and as directed by the Engineer.	M2	270.75	1040.74	281780.36
32	12-64-a-01	Supply & fixing aluminium door/window, fixed glazing economy model (1.20 mm) gauge 3" section	M2	5671.06	543.04	3079612.42
33	12--61	MS flat 1/2"x1/8" grill in windows of approved design including painting 3 coats, complete	M2	2958.41	536.56	1587364.47
34	12--62	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	M2	2917.07	536.56	1565183.08
35	25-44	Supplying and Fixing 18SWG Steel Almirah, 12" maxdepth including box shelves, back, shelves, lock, spraypaint complete.	M2	9886.13	71.35	705375.38
36	11-21-a-03	Distempering New surface : Three coats	M2	98.40	19924.46	1960566.86
37	11-20-b	P/applying wall putty of 2mm thickness over plastered surface to prepare the surface even and smooth	M2	63.70	19924.46	1269188.10
38	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M3	7783.07	43.48	338407.88
39	06-30-a-01	Vertical damp proof cement sand plaster 1 layer polythene 1 coat bitumen ration 1 : 4 (.5 inch thick)	M2	641.39	2833.98	1817686.43
40	25-37	Providing and Fixing stair railing of 2.5" i/d GI pipe,welded with 5/8"x5/8" MS bars 2'-9" high, fixed in eachstep	M	1708.31	93.75	160154.06
41	16-58	Providing and Laying expansion joint of neoprene strip 4"x1/4" and plastic bitumen	M	571.90	119.98	68616.56

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
42	09-20-a	Cast iron Rain Water Down pipe fixed in position excluding head & shoes, 4" dia,	M	2101.16	213.95	449543.18
43	09-21.	Heads for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting .	EACH	1457.45	68.00	99106.60
44	09-22.	Shoe/bends or offset for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting.	EACH	1106.72	68.00	75256.96
45	09-35-c	Provide & lay roof insulation complete with Thermopore sheet 1" thick	M2	1604.94	3873.22	6216285.71
46	07-39-a	P/F face work with brick tile (Gutka) of size 2" x 2" x9" on interior ,external wall with cement ,sand mortar 1:3 Incl ties and scaffolding complete in all respect	M2	2128.60	4401.45	9368926.47
47	06-07-e	Add Extra labour for RCC 06-07-a-03 for second & subsequent story	M3	778.69	399.46	311055.51
48	07-02-a	Add Extra labour on 07-01 brick in 1st floor	M3	406.22	508.02	206367.88
49	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	212.49	194.95	41424.93
50	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coat	M2	105.08	194.95	20485.35
Internal Electrification						
Zulankot, Chakdara and Palai interchange						
1	15-50	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	1088.31	1087.00	1182992.97
2	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	528.67	377.00	199308.59
3	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans	Each	323.25	190.00	61417.50
4	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	4366.25	190.00	829587.50
5	15-80	Supply and Fixing dimmer Switch Complete	Each	238.05	190.00	45229.50
6	15-78	Supply and fixing of 18" dia direct axial wall bracket fan 1450Rpm, maximum 50db sound level shall be made with 99% purity of copper windings	Each	5349.88	38.00	203295.44
7	15-69-a	Supply and Erection best quality 12"sweep Exhaust fan with shutter completed in all respect as approved by Engineer Incharge.	Each	2417.50	60.00	145050.00
8	15.02.b.02	Supply & Installation of PVC conduit 20mm (3/4") Internal dia Concealed with all accessories for Electrification completed in all respect as approved by Engineer Incharge	M	225.85	3940.00	889849.00
9	15.02.b.03	Supply and erection PVC pipe for wiring purpose complete Recessed in walls including chase etc, 1" i/d	M	226.47	1960.00	443881.20
10	15.02.b.06	Supply and erection PVC pipe for wiring purpose complete Recessed in walls including chase etc, 2" i/d	M	357.28	194.00	69312.32
11	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	M	79.04	9500.00	750880.00

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
12	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	M	95.78	4100.00	392698.00
13	15-56-c	Supply and erection white round globe with holder, gallery and with 100 watt bulb complete, 10" dia	Each	408.10	720.00	293832.00
14	15-55-b	Supply and Erection of fancy wall type bracket with brass holder & fancy shade: Double	Each	3643.80	126.00	459118.80
15	15-70-b x 1 15-71-c x 15 15-71-a x 21 15-72-b x 1 15-75-b x 2.5sft	Distribution Board: Supply, installation and Connection of wires / cables, testing and commissioning of 500 Volts, 50 Hz, 3 phase and neutral Distribution Board (DBs) Concealed type, and where shown on drawings, made of 16 SWG M.S Sheet with hinged door, handle . One coat of anti-dust point with further two coats of enameled paint of approved colour all necessary materials like MCCB , MCB of (TERASAKI/M.G/ABB /SCHNEIDER) Push Button and Pilot Light of (MARUYASU) Phase Selector Switch of (KRAUS & NAIMER) Voltmeter of (INTER) complete in all respects and manufactured by approved manufactures, PEL/CEEC/ECS Switchgear/Quality Switchgear conforming to single line diagram and equipment as shown on drawings as approved by Engineer Incharge.	Each	47210.56	15.00	708158.40
16	15-70-c x 1 15-71-a x 14 15-71-c x 12 15-71-b x 12 15-72-b x 1 15-75-b x 3sft.	Incoming: 100 AMP MCCB TP 25KA Outgoing: 12 x 20 Amp MCB SP 10 KA 12 x 15 Amp MCB SP 10KA	Each	25033.95	7.00	175237.65
17	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4"deep with 3/16" thick bakelite sheet top etc 4"x4" for Switch Boards completed in all respect as approved by Engineer Incharge	Each	182.73	870.00	158975.10
18	15-43-a	Supply and Erection copper tape , including copper staple & copper nails etc : Size 1.5"x1/8"	M	1210.10	285.00	344878.50
19	15-44	Supply and Erection 1" dia & 1m long lightning conductor copper rod with 5 spikes ball & base etc.	Each	15830.05	6.00	94980.30
20	15-127-j	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 13/15 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Each	1203.37	465.00	559567.05
21	15-127-k	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Each	731.28	219.00	160150.32

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
22	15-105-h	Providing & fixing of Plate type Earthing compressed with execveted hole 6" up 63 feet, GI pipe 2"(50mm) with Tees, Sockets, Endcap of 60 (RFT) Copper Plate of 1/2"x 2"x 48", 2x 70mmsq S/Core copper bare conductor 125 (Rft) Earth Connection Point of 1200 x 50 x 50mm (L x W x T) Inspection Pit of 300 x 300 x 450 mm (L x W x D) completed with all	Each	122516.90	4.00	490067.60

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
23	15-66-a	supply and Erection 14" Flood-Light fitting with holder,complete with 500-watt lamp as approved by Engineer incharge	Each	1466.90	50.00	73345.00
24	15-61-a	Supply and Erection fluorescent tube light fitting including 4'	Each	1760.25	60.00	105615.00
Internal Water Supply						
Zulankot, Chakdara and Palai interchange						
1	14-01-a	Providing and Fixing glazed earthen ware WC European type excluding cost of seat & cover : White	Each	9292.46	29.00	269481.34
2	14-03-a	Providing and fitting glazed earthen ware WC squatter type (orisa patern) combined with foot rest complete in all respect : White	Each	2154.59	49.00	105574.91
3	14-10-a	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : White	Each	3179.28	88.00	279776.64
4	14-25-a	Providing and Fixing 1/2" CP tee stop cock	Each	921.24	128.00	117918.72
5	14-24-b	Providing and Fixing CP bib-cock, heavy type : 1/2"	Each	1221.42	211.00	257719.62
6	14-35-a	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 3/4" i/d	M	159.36	985.00	156969.60
7	14-35-b	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d	M	198.83	1195.00	237601.85
8	24-18-a-02	Providing and Laying cut, joint, test, disinfect PVC pipeline BSS Class 'B'working pressure : 4" i/d	M	639.83	410.00	262330.30
9	14-37-b	Supply and Fixing CI manhole cover with frame etc complete 18" dia	Each	3197.29	77.00	246191.33
10	23-10	Septic Tank (int.Size: 7'x2'x5') complete	Each	18784.97	12.00	225419.64
11	23-11	Soakage Pit (6'dia x 15' deep) complete	Each	16886.30	11.00	185749.30
12	24-18-a-01	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications UPVC Pressure Pipes Class B (6 Bar) except excavation. 3" Nominal Pipe Size (NPS)	M	426.94	395.00	168641.30

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
13	24-18-a-04	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications UPVC Pressure Pipes Class B (6 Bar) except excavation. 6" Nominal Pipe Size (NPS)	M	1227.53	525.00	644453.25
14	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	Each	2366.72	65.00	153836.80
15	14-87	Providing and fixing Providing and Fixing of Bath accessories set (chromium plated (C) soap dish, CP toilet paper holder, towel rail, best quality looking glass 5 mm thick neatly fitted with Mirror 60 x 45 cm (24"x18") size, glazed earthenware shelf (60x13 cm) 24"x5" with chromium plated (CP) brackets & railing) complete in all respect	Each	5804.05	61.00	354047.05
Computer Network						
Zulamkot, Chakdara and Palai interchange						
1	15-138-g	Supply and Erection of 3M Cat-6 Cable in 3/4",1"pvc conduit, complete in all respect	M	660.01	2050.00	1353020.50
2	15-136-c	Supply at site, installation, testing and commissioning of U/UTP, 4 pair Cat 6a (500 MHz) Network Cable supports (10 Giga) laid in PVC Conduit , with pure copper conductor PVC insulated PVC sheathed including cost of Single Shutter Face plate with UTP Cat-6a Keystone Jack with Back Box to be installed on walls, from Data Cabinet to Computer Points, PVC conduit & Cable tray. Complete in all respects..	Each	5973.96	39.00	232984.44
3	15-138-f	Supply, Installation, testing and commissioning of Patch Cord CAT-6, 1m for computer complete in all respects	Each	679.38	41.00	27854.58
4	15-138-c-02	Supply and Installation, testing and commissioning of 48-ports 10/100-2 giga uplink ports DATA switch, complete in all respects	Each	24772.50	9.00	222952.50
5	15-136-h	Supply and installation, testing and commissioning of 42 port DATA cabinet with 3 no's cabinet tray, 4 no's Clipsal power socket and with flexi glass door approved by Consultant and as approved by Engineer incharge.	Each	61220.00	7.00	428540.00

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
6	15-136-g	Supply at site, installation, testing and commissioning of data cabinet of approximate size as mentioned below, powder coated, having lockable glass door at front, 4 exhaust fans on top, suitable for under mentioned patch panels, consisting of the following voice and data points to be terminated on modular patch panel, including cost of power bus bar, input / output RJ-45 connectors suitable for Cat. 6a cables patch guides, patch cords, both for Voice and Data, all necessary accessories / materials for active and passive equipment, 24 ports switch. The data cabinet shall be complete in all respects including cost of all necessary materials / accessories required for proper functioning for the data cabinet. Data cabinet shall be installed after obtaining necessary permission from the computer specialist of the Client.	Each	113563.10	3.00	340689.30
Telephone Network						
Zulamkot, Chakdara and Palai interchange						
1	15-138-i	Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	641.60	99.00	63518.40
2	15-138-j	Supply and Installation of Double Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	701.35	51.00	35768.85
3	15-138-l	Supply and Installation of DT 364 Consol Set completed with all respect	Each	27162.50	11.00	298787.50
4	15-138-o	Supply, installation, connecting, testing and commissioning of Duplex telephone outlets F C C standard	Each	868.63	99.00	85994.37
5	15-138-p	Supply, installation, connecting, testing and commissioning of Telephone distribution board having 1 x 1 5 pair termination block	No	5110.88	99.00	505977.12
6	15-138-q	Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension	No	116465.00	3.00	349395.00
7	15-138-r	Providing & fixing 3 pair telephone cable (Pony make) in already installed conduit	M	146.87	1320.00	193868.40
Clearing and Levelling						
Zulamkot, Chakdara and Palai interchange						
1	03-06-a	Embankment formation in ordinary soil & compaction by mechanical means at optimum moisture content to 95% to 100% of max. Modified AASHTO dry density. (borrowed area)	M3	391.65	4906.00	1921434.90
2	03-03-a	Excavation unsuitable common material	M3	148.86	4982.00	741620.52
Under Ground Water Tank						
Zulamkot, Chakdara and Palai interchange						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	115.21	28100.87
2	06-05-i	Plain cement concrete including placing, compacting, finishing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	2.97	17832.41

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
3	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	13.11	120681.04
4	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	5.63	797693.07

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
5	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M3	9203.68	30.28	278690.14
6	10-21-b	1.375" thick mosaic flooring, including rubbin and polishing complete : Using white cement	M2	1711.57	1352.50	2314898.43
7	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M2	574.48	28.69	16484.27
8	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M2	600.19	150.28	90195.84
9	24-40.	Supplying and Fixing PVC Water Stopper 8" wide 3/8" thick. Providing and fixing PVC water topper 8" wide 3/8" thick in verticle Wall/Column) or horizontal (Floor/Slab) expansion joint including cutting and jointing complete in all respects.	M	545.24	22.40	12214.31
10	12-57-b	Making and fixing steel grated door, with 1/16" thicknessing, including angle iron frame & lock	M2	7956.99	0.37	2944.09
External Water Supply						
Zulamkot, Chakdara and Palai interchange						
1	03-10-a	Earth excavation in open cut 1.5m - 3m depth for Surface Water Drains, pipes etc & disposal : in Ordinary Soil	M3	232.53	54.36	12640.33
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	11.47	2797.65
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M3	6004.18	3.18	19093.29
4	10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete	M3	615.97	4.07	2507.00
5	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1:2:4)	M3	9203.68	4.95	45558.22
6	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	8.34	76758.69
7	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Ton	141789.80	2.00	283579.60
8	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	156.13	44770.28
9	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	M3	9021.81	7.83	70640.77
10	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	M3	9708.60	27.62	268151.53
11	09-06	Single layer of tiles 12"x6"x2" laid over 4" earth and 1" mud plaster on top of RC roof slab	M2	1476.09	26.76	39500.17
12	09-16	Khuras on roof 2'x2'x6"	Each	788.16	1.00	788.16

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
13	09-20-a	Cast iron rain water down pipe fixed in position, excl heads and shoes : 4" dia	M	2101.16	44.00	92451.04
14	09-21	Heads for cast iron rain water down pipe fixed in place I/c cost of clamp holdfast and painting	Each	1457.45	8.00	11659.60

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
15	09-22	Shoes, bends or offsets for cast iron rain water down pipe,including fixing and painting	Each	1106.72	4.00	4426.88
16	10-15-b	Provide & lay topping of concrete 1:2:4, incl surface finishing & dividing in panels : 1.5" thick	M2	645.52	27.88	17997.10
17	11.23-a-03	White washing:- new surface: Three coats	M2	45.90	57.99	2661.86
18	14-31-b	Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm)	Each	940.92	2.00	1881.84
19	25-10	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	TON	142665.50	0.07	10271.92
20	25-31	Providing and fixing steel grated doors, with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with locking arrangement.	M2	17797.61	5.20	92547.57
21	25-39-b-05	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 5mm	M2	8758.98	5.94	52028.34
22	10-22-b	1.5" thick mosaic flooring, including rubbing & polishing complete : Using white cement	M2	1791.24	33.45	59916.98
23	10-41-a-02	Mosaic dado or skirting complete as per specs Using grey cement : 1/2" thick	M2	1051.22	5.02	5277.12
24	11-16-a	Cement pointing flush, upto 20' height Ratio 1:2	M2	275.52	127.97	35258.29
25	24-41	Conducting Elec: Resistivity survey of the area and furnishing its reports.	Job	31294.25	1.00	31294.25
26	24-01	Mobilization of plant, equipment and camping arrangements etc & demobilization after completion	Job	43020.00	1.00	43020.00
27	24-05	Collection and submission at approved water testing laboratory of two water samples in bottles from each bore hole for testing.	Per set	1457.90	4.00	5831.60
28	24-12-b-02	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 8" i/d : 2' long	Each	2481.07	2.00	4962.14
29	24-10-c-02	Providing and installing wooden bail plug in tubewell BSS Class 'D' working pressure : 8" (200 mm) Nominal Pipe Size (NPS)	Each	5133.04	2.00	10266.08
30	24-36-b	Supplying and Fixing MS Cap of 3/16" thick sheet:8" i/d	Each	7450.74	2.00	14901.48

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
31	24-16-b-09	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. 4" Nominal Pipe Size (NPS)	M	2741.18	125.58	344237.38
32	24-72-b	Providing and fixing G.I Flanges 4" dia (5/8"Thick)	Pair	989.95	4.00	3959.80
33	24-49-g	Providing and Fixing Brass peet / gate valve 4" dia	Each	13075.38	4.00	52301.52
34	15-105-i	Construction of water tight brick type Grounding inspection pit.	Each	5407.81	2.00	10815.62

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
35	24-42	Logging of bore hole with electrical equipment and furnishing reports.	job	22520.00	2.00	45040.00
36	24-50-a-01	Supply & Installation, testing and commissioning of Submersible Pump (ISO – 9906 Certified) Coupled with Submersible rewind-able Electric Motor with AC winding and all accessories like Motor Control Unit (equipped with UV/OV, dry run protection device, surge protection, phase reverse indicator) Complete in all accessories including NRV, Pressure Gauge, Sluice valve except column pipe and power cable with appropriate Head and Discharge : 10 HP,	Each	327088.50	2.00	654177.00
37	24-09-d-01	Providing and installing PVC Strainer BSS Class "E" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: 10" Nominal Pipe Size (NPS) (250 mm)	M	5600.00	150.58	843248.00
38	24-48-a	Supply and installation of manually controlled voltage regulator oil cooled with 99.9% copper winding, and independed control regulator on each phase 20-30 KVA	No	95845.13	2.00	191690.26
39	14-81-a	Supply and fixing of 3.0 HP Monoblock water pump 1.5"x1.5" size 5 stage DE-S5 model single phase for 220 ft head with all accessories	No	31383.08	9.00	282447.72
40	24-02-a-05	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m) , including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specifications.: Dia of Bore 8" (200 mm) i/	M	5676.08	31.50	178796.52
41	24-13-a	Cleaning and washing of tubewell with air compressor in all sizes and depth, 8" i/d and above	Hour	1044.68	31.50	32907.42
42	24-14	Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification:-	M	265.84	31.50	8373.96

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
43	24-42	Logging of bore hole with electrical equipment and furnishing reports.	job	22520.00	1.00	22520.00
<i>Fencing</i>						
<i>Zulankot, Chakdara and Palai interchange</i>						

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	61.16	14917.54
2	06-05-i	Plain cement concrete including placing , compacting, finishing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	7.20	43230.10
3	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	14.38	132348.92
4	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	4.32	612531.94
5	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	17.52	161248.47
6	28-17-a	Providing and Fixing barbed wire fencing with 4 horizontal& 2 cross wires : Without PCC base	M2	1617.60	650.81	1052750.26
Approach Roads						
Zulamkot, Chakdara and Palai interchange						
1	03-62.	Clearing and Grubbing by mechanical means	M2	16.13	1876.87	30273.91
2	03-65.	Compaction of Natural Ground	M2	19.92	1876.87	37387.25
3	03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHTO 90% by power roller.	M3	785.64	1881.56	1478228.80
4	03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHTO 90% by power	M3	397.72	884.68	351854.93
5	16-04-a	Granular Sub Base Course using Pit Run Gravel	M3	1431.99	254.95	365085.85
6	16-05-b	Water Bound Macadam Base Course	M3	2505.20	332.19	832202.39
7	16-09-a	Bitumenous Prime Coat	M2	189.12	1212.49	229306.11
8	16-14-b	ASPHALTICWEARING COURSE	M3	18691.45	60.62	1133075.70
9	16-18-a	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply and Fixing at site with PCC 1:3:6 upto max 3' depth	M2	10379.98	12.00	124559.76
10	16-22-a	Supply and Fixing reflective sheet on MS/aluminium road signs etc including lettering : Diamond grade	M2	6920.16	12.00	83041.92
Drainage System						
Zulamkot, Chakdara and Palai interchange						
1	03-10-a	Earth excavation in open cut 1.5m - 3m depth for Surface Water Drains, pipes etc & disposal : in Ordinary Soil	M3	232.53	195.06	45357.30
2	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M3	6004.18	23.04	138336.31
3	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M3	7783.08	13.52	105227.24
4	07-04-a-05	1st class brick work in foundation and plinth in Cement, sand mortar 1:6	M3	8919.77	15.32	136650.88
5	11-08-b	Cement plaster 1:3 upto 20' height 1/2" thick	M2	296.44	790.68	234389.18

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
6	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 12" i/d, wall thickness 2".	M	1794.30	8.00	14354.40

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
7	23-02-c	Providing and laying non-reinforced concrete pipe moulded with cement concrete 1:1-1/2:3 conforming to ASTM Specification C-14-73, Class-2, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipe where necessary, finishing and testing, etc. complete:- 9" i/d wall thickness 1".	M	1089.59	10.00	10895.90
8	19-31-a	Grouting stone pitching or apron etc, in : Cement, sand mortar(1:3)	M2	783.70	300.00	235110.00
External Electrification						
Zulankot, Chakdara and Palai interchange						
1	15-40-b-03	Providing street light poles of 40 ft height without arms including fixing complete.	Each	56491.99	21.00	1186331.79
2	15-36-g	Supply and Fixing SMD Type LED Road light Fixture (60-70 watts)	Each	14836.00	26.00	385736.00
3	15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" i/d	M	357.18	490.00	175018.20
4	15-124-a	Supply & erection of 2x10 mm ² Copper Cable	M	474.23	525.00	248970.75
5	15-70-b x 1	DISTRUBTION BOARD	Each	20791.64	6.00	124749.84
	15-71-c x 2	INCOMING				
	15-71-a x 2	60 AMP TP MCCB 15 KA				
	15-72-b x 1	OUTGOING				
	15-75-b x 2.0sft	2 X 30 AMP SP MCB 2 x20 AMP SP MCB				
6	15-100-b	Supply & erection of 50 KVA, 11/0.4 KV Transformer	Each	339209.89	3.00	1017629.67
Lwans, Footpath & Boundary wall						
Zulankot, Chakdara and Palai interchange						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	803.07	195876.80
2	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M3	4976.82	238.93	1189111.60
3	06-05-i	Plain cement concrete including placing , compacting, finsihing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	27.43	164694.66
4	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	56.75	522308.84
5	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	15.87	2250204.13
6	07-04-a-05	Pacca brick work in foundation and plinth in Cement, sand mortar 1:6	M3	8919.77	82.28	733918.68
7	07-07-a-05	Pacca brick work other than building in Cement, sand mortar 1:6	M3	9355.87	362.66	3392999.81
8	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	59.05	543477.30
9	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M3	7783.07	4.98	38759.69
10	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M3	6626.80	12.15	80515.62
11	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	1006.30	288556.53

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
12	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	212.49	1930.99	410316.07
13	13-25-b	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	105.08	1930.99	202908.43
14	11-18-a	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:2	M3	315.06	1930.99	608377.71

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
15	12-57-b	Making and fixing steel grated door, with 1/16" thicksheeting, including angle iron frame & lock	M3	7956.99	83.28	662658.13
16	28-17-a	Providing and Fixing barbed wire fencing with 4 horizontal& 2 cross wires : Without PCC base	M2	1617.60	697.60	1128437.76
17	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	M2	1763.60	50.29	88691.44
18	03-07-b	Earth fill in lawns including dressing & compaction with suitable earth borrowed.	M3	269.30	1819.16	489899.79
19	10-49-a	Providing and Fixing Precast Concrete 7000 psi TUFF Tiles over bed of 2" thick sand & 4" thick brick ballast comp	M2	885.23	3620.25	3204753.91
20	16-73	Providing and fixing kerb stone (12"x18"x6") in cement sand mortar 1:3 in center media or round	M	687.43	687.88	472869.35
Total Amount						213736162.75
Location Factor @ 8%						17098893.02
Total Net Amount (A)						230835055.77
<i>Civil Works</i>						
<i>Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan</i>						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	144.04	35132.80
2	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacture,s certified manual	M2	93.47	201.00	18787.47
3	06-05-i	Plain cement concrete including placing , compacting, finishing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	131.74	790990.67
4	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	122.32	1125775.73
5	06-08-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	TON	146569.80	15.61	2287954.58
6	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	35.30	5005179.94
7	07-04-a-05	Pacca brick work in foundation and plinth in Cement, sand mortar 1:6	M3	8919.77	198.86	1773785.46
8	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	305.47	2811448.13
9	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M2	574.48	1509.38	867108.62
10	07-05-a-05	Pacca brick work in ground floor Cement, sand mortar 1:6	M3	9584.29	438.85	4206065.67
11	03-67-d.	Structural backfill using Granular Material brought from out side	M3	1075.43	187.87	202038.75
12	11-09-c	Cement plaster 1:4 upto 20' height 3/4" thick	M2	382.94	3370.91	1290856.28
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	900.64	258258.52
14	11-08-b	Cement plaster 1:3 upto 20' height 1/2" thick	M2	296.44	225.25	66773.11
15	11-09-a	Cement plaster 1:4 upto 20' height 3/8" thick	M2	273.04	1249.37	341127.98

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
16	03-16-b	Filling, watering and ramming earth under floor with earth excavated from outside lead upto 25m	M3	90.85	706.90	64221.86
17	10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete	M3	615.97	81.92	50460.26

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
18	10-26-c-i	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 12 x 12 Super Sunny White Marble	M2	1855.99	1048.80	1946562.31
19	10-45-a-i	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 3/8" thick 12 x 12 Super Sunny White Marble	M2	1558.97	101.42	158110.74
20	10-26-e	Providing and Laying marble fine dressed stone 4-5 feet and 12" wide 1" thick for stairs steps	M2	1432.01	14.45	20687.25
21	10-55-h	Providing and Fixing of Porcelain Floor Tile 16" x 16" of approved quality	M2	1992.11	45.33	90307.51
22	10-50-a	P/F Ceramic Floor Tiles (Emco, National or eq) Size : 12" x 12"	M2	1610.36	111.86	180134.87
23	10--43	Providing and Fixing of glazed tiles skirting etc complete imported approved quality (20"x20")	M2	2007.21	426.61	856290.26
24	12-70-a	Supply and Fixing MS Sheet 16 guage(10 x 2 inches) box type chowkat including fixing & position with all charges for Hold fast, Hinges & painting etc. complete in all respect as per drawings and specification, and as director by the Engineer.	M	1136.31	261.51	297156.43
25	12-08-c	First class deodar wood wrought joinery in door. complete : 1.5" thick	M2	16220.71	106.42	1726207.96
26	13-03-c-01+13-03-c-02	Prepare & Paint (Enamel paint)new surface, doors, Priming coat + 02 subsequent coats including iron mongry complete in all respect as per drawings and specification, and as directed by the Engineer.	M2	270.75	215.33	58300.60
27	12-64-a-01	S/F Aluminium door/window fixed, glazing economy model (1.20 mm) gauge 3" section	M2	5671.06	126.67	718353.17
28	12--61	MS flat 1/2"x1/8" grill in windows of approved design including painting 3 coats, complete	M2	2958.41	126.67	374741.79
29	12--62	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	M2	2917.07	126.67	369505.26
30	25-44	Supplying and Fixing 18SWG Steel Almirah, 12" maxdepth including box shelves, back, shelves, lock, spraypaint complete.	M2	9886.13	5.94	58723.61
31	11-21-a-03	Distempering New surface : Three coats	M2	98.40	4196.96	412980.86
32	11-20-b	P/applying wall putty of 2mm thickness over plastered surface to prepare the surface even and smooth	M2	63.70	4197.03	267350.81
33	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M3	7783.07	11.78	91684.56
34	06-30-a-01	Vertical damp proof cement sand plaster 1 layer polythene 1 coat bitumen ration 1 : 4 (.5 inch thick)	M2	641.39	399.47	256216.06
35	25-37	Providing and Fixing stair railing of 2.5" i/d GI pipe,welded with 5/8"x5/8" MS bars 2'-9" high, fixed in eachstep	M	1708.31	17.07	29160.85

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
36	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M2	600.19	1259.31	755825.27
37	06-47-b	Erection and removal of Form work with Steel Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M2	780.21	808.44	630752.97
38	09-20-a	Cast iron Rain Water Down pipe fixed in position excluding head & shoes, 4" dia.	M	2101.16	65.22	137037.66

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
39	09-21.	Heads for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting .	EACH	1457.45	16.00	23319.20
40	09-22.	Shoes/bend or offset for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting .	EACH	1106.72	14.00	15494.08
41	09-35-c	Provide & lay roof insulation complete with Thermopore sheet 1" thick	M2	1604.94	60.48	97066.77
42	07-39-a	P/F face work with brick tile (Gutka) of size 2" x 2" x9" on interior ,external wall with cement ,sand mortar 1:3 Incl ties and scaffolding complete in all respect	M2	2128.60	695.66	1480781.88
43	03-70-c	Formation of Embankment from Borrow Excavation in Common Material including	M3	785.64	541.77	425633.04
44	07-05-a-05 +07-06-a	Pacca brick work in First Floor Cement, sand mortar 1:6	M3	9990.51	8.30	82871.45
45	03-16-b	Filling, watering and ramming earth under floor with earth excavated from outside lead upto 25m	M3	90.85	55.22	5016.74
46	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	212.49	20.30	4313.55
47	13-25-b	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	105.08	20.30	2133.12
Internal Electrification						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	15-50	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	1,088.31	335.00	364,583.85
2	15-51	Wiring of 2/3-pin 5-Amp. plug point in 3/0.029 PVC insulated bare cable in PVC pipe recessed	Each	528.67	100.00	52,867.00
3	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans	Each	24,206.25	48.00	1,161,900.00
4	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	Each	4,366.25	48.00	209,580.00
5	15-80	Supply and Fixing dimmer Switch Complete	Each	238.05	48.00	11,426.40
6	15-78	Supply & erection of 18" direct axial wall bracket fan, 1450Rpm Max 50db sound level shall be made with 99% purity of copper wiring	Each	5,349.88	13.00	69,548.44
7	15-69-a	Supply and Erection best quality 12"sweep Exhaust fan with shutter completed in all respect as approved by Engineer Incharge.	Each	2,417.50	18.00	43,515.00
8	15.02.b.02	Supply & Installation of PVC conduit 20mm (3/4") Internal dia Concealed with all accessories for Electrification completed in all respect as approved by Engineer Incharge	Mtr	225.79	1,030.00	232,563.70
9	15.02.b.03	Supply and erection PVC pipe for wiring purpose complete Recessed in walls including chase etc, 1" i/d	Mtr	226.41	620.00	140,374.20
10	15.02.b.06	Supply and erection PVC pipe for wiring purpose complete Recessed in walls including chase etc, 2" i/d	Mtr	357.18	65.00	23,216.70

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
11	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029"	Mtr	79.02	2,850.00	225,207.00
12	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036"	Mtr	95.76	1,250.00	119,700.00
13	15-56-c	Supply & erection while round globe with holder, gallery and 100 watt bulb complete: 10" dia	Each	408.10	255.00	104,065.50
14	15-55-b	Supply and Erection of fancy wall type bracket with brass holder & fancy shade: Double	Each	3,643.80	26.00	94,738.80
15	15-61-a	Supply and Erection fluorescent tube light fitting including 4'	Each	1,760.25	60.00	105,615.00
16	15-09-a	Supply and Erection MS sheet box of 16 SWG, 4" deep with 3/16" thick bakelite sheet top etc 4"x4" for Switch Boards completed in all respect as approved by Engineer Incharge	Each	182.73	295.00	53,905.35
17	15-70-b x 1 15-71-c x 15 15-71-a x 21 15-72-b x 1 15-75-b x 2.5sft	Distribution Board: Supply, installation and Connection of wires / cables, testing and commissioning of 500 Volts, 50 Hz, 3 phase and neutral Distribution Board (DBs) Concealed type, and where shown on drawings, made of 16 SWG M.S Sheet with hinged door, handle . One coat of anti-dust point with further two coats of enameled paint of approved colour all necessary materials like MCCB , MCB of (TERASAKI/M.G/ABB /SCHNEIDER) Push Button and Pilot Light of (MARUYASU) Phase Selector Switch of (KRAUS & NAIMER) Voltmeter of (INTER) complete in all respects and manufactured by approved manufactures, PEL/CEEC/ECS Switchgear/Quality Switchgear conforming to single line diagram and equipment as shown on drawings as approved by Engineer Incharge. Incoming: 60 AMP MCCB TP 25KA Outgoing: 15 x 20 Amp MCB SP 10 KA 12 x 6 Amp MCB SP 10KA	Each	47,210.56	6.00	283,263.36
18	15-70-c x 1 15-71-a x 14 15-71-c x 12 15-71-b x 12 15-72-b x 1 15-75-b x 3sft.	Incoming: 100 AMP MCCB TP 25KA Outgoing: 12 x 20 Amp MCB SP 10 KA 12 x 15 Amp MCB SP 10KA	Each	25,033.95	3.00	75,101.85
19	15-43-a	Supply and Erection copper tape , including copper staple & copper nails etc : Size 1.5"x1/8"	Mtr	1,209.79	95.00	114,930.05
20	15-44-a	Supply and Erection 1" dia & 1m long lightning conductor copper rod with 5 spikes ball & base etc.	Each	160.92	2.00	321.84

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
21	15-127-j	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 13/15 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Each	1,203.37	145.00	174,488.65
22	15-127-k	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Each	731.28	85.00	62,158.80
23	15-105-h	Providing & fixing of Plate type Earthing compressed with execveted hole 6" up 63 feet, GI pipe 2"(50mm) with Tees, Sockets, Endcap of 60 (RFT) Copper Plate of 1/2"x 2"x 48", 2x 70msq S/Core copper bare conductor 125 (Rft) Earth Connection Point of 1200 x 50 x 50mm (L x W x T) Inspection Pit of 300 x 300 x 450 mm (L x W x D) completed with all respect	Each	122,516.90	1.00	122,516.90
24	15-66-a	supply and Erection 14" Flood-Light fitting with holder, complete with 500-watt lamp as approved by Engineer incharge	Each	1,466.90	14.00	20,536.60
Internal Water Supply						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	14-01-a	Providing and Fixing glazed earthen ware WC European type excluding cost of seat & cover : White	Each	9292.46	11.00	102217.06
2	14-03-a	Providing and fitting glazed earthen ware WC squatter type (orisa pattern) combine with foot rest, complete in all respect: White	Each	2154.59	15.00	32318.85
3	14-10-a	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : White	Each	3179.28	26.00	82661.28
4	14-25-a	Providing and Fixing 1/2" CP tee stop cock	Each	921.24	41.00	37770.84
5	14-24-b	Providing and Fixing CP bib-cock, heavy type : 1/2"	Each	1221.42	57.00	69620.94
6	14-35-a	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962, PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 3/4" i/d	M	159.36	265.00	42230.40
7	14-35-b	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962, PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 1" i/d	M	198.83	205.00	40760.15
8	24-18-a-02	Providing and Laying cut, joint, test, disinfect PVC pipeline BSS Class 'B' working pressure : 4" i/d	M	639.83	110.00	70381.30
9	14-37-b	Supply and Fixing CI manhole cover with frame etc complete 18" dia	Each	3197.29	11.00	35170.19
10	23-10	Septic Tank (int. Size: 7'x2'x5') complete	Each	18784.97	3.00	56354.91

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
11	23-11	Soakage Pit (6'dia x 15' deep) complete	Each	16886.30	2.00	33772.60

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
12	24-18-a-01	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications UPVC Pressure Pipes Class B (6 Bar) except excavation. 3" Nominal Pipe Size (NPS)	M	426.94	90.00	38424.60
13	24-18-a-04	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505 manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications UPVC Pressure Pipes Class B (6 Bar) except excavation. 6" Nominal Pipe Size (NPS)	M	1227.53	110.00	135028.30
14	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	Each	2366.72	15.00	35500.80
15	14-87	Providing and fixing Providing and Fixing of Bath accessories set (choricum plated (C) soap dish, CP toilet paper holder, towel rail, best quality looking glass 5 mm thick neatly fitted with Mirror 60 x 45 cm (24"x18") size, glazed earthenware shelf (60x13 cm) 24"x5" with chorium plated (CP) brackets & railing) complete in all respect	Each	5804.05	11.00	63844.55
Telephone network						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	15-138-i	Supply and Installation of Single Port Telephone outlet of CAT-5,1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	641.60	32.00	20531.20
2	15-138-j	Supply and Installation of Double Port Telephone outlet of CAT-5,1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	701.35	17.00	11922.95
3	15-138-l	Supply and Installation of DT 364 Consol Set complaeted with all respect	Each	27162.50	3.00	81487.50
4	15-138-o	Supply, installation, connecting, testing and commissioning of Duplex telephone outlets F C C standard	Each	868.63	32.00	27796.16
5	15-138-p	Supply, installation, connecting, testing and commissioning of Telephone distribution board having 1 x 1 5 cair termination block	No	5110.88	32.00	163548.16
6	15-138-q	Supply, installation, connecting, testing and commissioning of PABX suitable for 4 line & 15 extension	No	116465.00	1.00	116465.00
7	15-138-r	Providing & fixing 3 pair telephone cable	M	146.83	410.00	60200.30
Computer Network						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	15-138-g	Supply and Erection of 3M Cat-6 Cable in 3/4",1"pvc conduit, complete in all respect	M	655.75	800.00	524600.00

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
2	15-136-c	Supply at site, installation, testing and commissioning of U/UTP, 4 pair Cat 6a (500 MHz) Network Cable supports (10 Giga) laid in PVC Conduit , with pure copper conductor PVC insulated PVC sheathed including cost of Single Shutter Face plate with UTP Cat-6a Keystone Jack with Back Box to be installed on walls, from Data Cabinet to Computer Points, PVC conduit & Cable tray. Complete in all respects	Each	5973.96	30.00	179218.80
3	15-138-f	Supply, Installation, testing and commissioning of Patch Cord CAT-6, 1m for computer complete in all respects	Each	679.36	30.00	20380.80
4	15-138-c-02	Supply and Installation, testing and commissioning of 48-ports 10/100-2 giga uplink ports DATA switch, complete in all respects	Each	24772.50	4.00	99090.00
5	15-136-h	Supply and installation, testing and commissioning of 42 port DATA cabinet with 3 no's cabinet tray, 4 no's Clipsal power socket and with flexi glass door approved by Consultant and as approved by Engineer incharge.	Each	61220.00	3.00	183660.00
6	15-136-g	Supply at site, installation, testing and commissioning of data cabinet of approximate size as mentioned below, powder coated, having lockable glass door at front, 4 exhaust fans on top, suitable for under mentioned patch panels, consisting of the following voice and data points to be terminated on modular patch panel, including cost of power bus bar, input / output RJ-45 connectors suitable for Cat. 6a cables patch guides, patch cords, both for Voice and Data, all necessary accessories / materials for active and passive equipment, 24 ports switch. The data cabinet shall be complete in all respects including cost of all necessary materials / accessories required for proper functioning for the data cabinet. Data cabinet shall be installed after obtaining necessary permission from the computer specialist of the Client.	Each	113563.14	1.00	113563.14
Clearing and Levelling						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	03-06-a	Embankment formation in ordinary soil & comaction by mechanical means at optimum moisture content to 95% to 100% of max . Modified AASHTO dry density. (borrowed area)	M3	391.65	3024.00	1184349.60

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
2	03-03-a	Excavation unsuitable common material	M3	148.86	3312.00	493024.32
<i>External Water Supply</i>						
<i>Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan</i>						
1	03-10-a	Earth excavation in open cut 1.5m - 3m depth for Surface Water Drains, pipes etc & disposal : in Ordinary Soil	M3	232.53	12.67	2945.17

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	5.73	1398.41
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M3	6004.18	1.59	9562.15
4	10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete	M3	615.97	2.04	1255.66
5	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1:2:4)	M3	9203.68	2.48	22800.74
6	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	4.17	38362.24
7	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	1.00	141789.80
8	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	78.07	22385.69
9	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	M3	9021.81	3.92	35345.21
10	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	M3	9708.60	13.81	134053.31
11	09-06	Single layer of tiles 12"x6"x2" laid over 4" earth and 1" mud plaster on top of RC roof slab	M2	1476.09	13.38	19754.36
12	09-16	Khuras on roof 2'x2'x6"	Each	788.16	1.00	788.16
13	09-20-a	Cast iron rain water down pipe fixed in position, excl heads and shoes : 4" dia	M	2101.16	22.00	46225.52
14	09-20	Heads for cast iron rain water down pipe fixed in place 1/c cost of clamp holdfast and painting	Each	1832.34	4.00	7329.36
15	09-21	Shoes, bends or offsets for cast iron rain water down pipe,including fixing and painting	Each	1457.45	4.00	5829.80
16	10-15-b	Provide & lay topping of concrete 1:2:4, incl surface finishing & dividing in panels : 1.5" thick	M2	645.52	13.94	8998.88
17	11-25-a-03	White washing:- new surface: Three coats	M2	45.90	57.99	2661.86
18	14-31-b	Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm)	Each	940.92	1.00	940.92
19	25-10	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	TON	142665.50	0.04	5135.96
20	25-31	Providing and fixing steel grated doors, with 1/16" thick sheeting including angle iron frame 2"x2"x3/8" and 3/4" square bars 4" center to center with locking arrangement.	M2	17797.61	2.60	46313.48

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
21	25-39-b-05	Providing and Fixing steel windows 18 gauge with openable glazed panels With 22 SWG wire gauze : Glass pane 5mm	M2	8758.98	2.97	26049.01

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
22	10-22-b	1.5" thick mosaic flooring, including rubbing & polishing complete : Using white cement	M2	1791.24	16.73	29964.98
23	10-41-a-02	Mosaic dado or skirting complete as per specs Using grey cement : 1/2" thick	M2	1051.22	2.51	2637.82
24	11-16-a	Cement pointing flush, upto 20' height Ratio 1:2	M2	275.52	63.99	17629.70
25	24-41	Conducting Elec: Resistivity survey of the area and furnishing its reports.	Job	31294.25	1.00	31294.25
26	24-01	Mobilization of plant, equipment and camping arrangements etc & demobilization after completion	Job	43020.00	1.00	43020.00
27	24-02-a-05	Drilling of Bore holes for tube well in all types of soil and soft rock except hard rock from ground level upto 328 ft depth (0m to 100m) , including sinking, collection of 100 % corings and withdrawing of pipe, complete as per specifications.: Dia of Bore 8" (200 mm) i/	M	5676.08	25.00	141902.00
28	24-05	Collection and submission at approved water testing laboratory of two water samples in bottles from each bore hole for testing.	Per set	1457.90	2.00	2915.80
29	24-12-b-02	Providing and installing PVC pipe with wooden bail plug in tubewell BSS Class 'D' working pressure : 8" i/d : 2' long	Each	2481.07	1.00	2481.07
30	24-10-c-02	Providing and installing wooden bail plug in tubewell BSS Class 'D' working pressure : 8" (200 mm) Nominal Pipe Size (NPS)	Each	5133.04	1.00	5133.04
31	24-13-a	Cleaning and washing of tubewell with air compressor in all sizes and depth, 8" i/d and above	Hour	1044.68	24.00	25072.32
32	24-14	Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification:-	M	265.84	25.00	6646.00
33	24-36-b	Supplying and Fixing MS Cap of 3/16" thick sheet:8" i/d	Each	7450.74	1.00	7450.74
34	24-16-b-09	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with socket joint, using GI pipes of EN 10255 - 2004 (Medium Approved Quality) including specials etc.Complete as per specifications except excavation. 4" Nominal Pipe Size (NPS)	M	2741.18	25.00	68529.50
35	24-72-b	Providing and fixing G.I Flanges 4" dia (5/8"Thick)	Pair	989.95	2.00	1979.90
36	24-49-g	Providing and Fixing Brass peet / gate valve 4" dia	Each	13075.38	2.00	26150.76

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
37	15-105-i	Construction of water tight brick type Grounding inspection pit.	Each	5407.81	1.00	5407.81
38	24-42	Logging of bore hole with electrical equipment and furnishing reports.	job	22520.00	1.00	22520.00
39	24-50-a-01	Supply & Installation, testing and commissioning of Submersible Pump (ISO – 9906 Certified) Coupled with Submersible rewind-able Electric Motor with AC winding and all accessories like Motor Control Unit (equipped with UV/OV, dry run protection device, surge protection, phase reverse indicator) Complete in all accessories including NRV, Pressure Gauge, Sluice valve except column pipe and power cable with appropriate Head and Discharge : 10 HP,	Each	327088.50	1.00	327088.50
40	24-09-d-01	Providing and installing PVC Strainer BSS Class "E" of approved make \ quality in tubewell bore hole, including socket, special sockets, studs etc. complete as per specification: 10" Nominal Pipe Size (NPS) (250 mm)	M	5600.00	25.00	140000.00
41	24-48-a	Supply and installation of manually controlled voltage regulator oil cooled with 99.9% copper winding, and independed control regulator on each phase 20-30 KVA	No	95845.13	1.00	95845.13
42	14-81-a	Supply and fixing of 3.0 HP Monoblock water pump 1.5"x1.5" size 5 stage DE-S5 model single phase for 220 ft head with all accessories	No	31383.08	2.00	62766.16
Fencing						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	55.80	13610.18
2	06-05-i	Plain cement concrete including placing , compacting, finsihing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	6.20	37225.92
3	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	12.40	114125.63
4	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	4.00	567386.98
5	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	17.44	160512.18

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
6	28-17-a	Providing and Fixing barbed wire fencing with 4 horizontal& 2 cross wires : Without PCC base	M2	1617.60	658.97	1065949.87
<i>Approach road</i>						
<i>Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan</i>						
1	03-62.	Clearing and Grubbing by mechanical means	M2	16.13	1314.02	21195.15

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
2	03-65.	Compaction of Natural Ground	M2	19.92	1314.02	26175.29
3	03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHTO 90% by power roller.	M3	785.64	1689.04	1326977.09
4	03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHTO 90% by power	M3	397.72	723.87	287899.22
5	16-04-a	Granular Sub Base Course using Pit Run Gravel	M3	1431.99	162.22	232293.95
6	16-05-b	Water Bound Macadam Base Course	M3	2505.20	216.29	541849.96
7	16-09-a	Bitumenous Prime Coat	M2	189.12	848.88	160540.28
8	16-14-b	ASPHALTICWEARING COURSE	M3	18691.45	42.44	793340.37
9	16-18-a	Road signs (not exceeding 1 m2) without reflection sheet & lettering : Supply and Fixing at site with PCC 1:3:6 upto max 3' depth	M2	10379.98	7.00	72659.86
10	16-22-a	Supply and Fixing reflective sheet on MS/aluminium road signs etc including lettering : Diamond grade	M2	6920.16	7.00	48441.12
Drainage System						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	03-10-a	Earth excavation in open cut 1.5m - 3m depth for Surface Water Drains, pipes etc & disposal : in Ordinary Soil	M3	232.53	650.48	151254.95
2	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M3	6004.18	49.54	297420.81
3	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M3	7783.08	40.59	315903.54
4	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 12" i/d, wall thickness 2".	M	1794.30	110.00	197373.00
5	23-02-c	Providing and laying non-reinforced concrete pipe moulded with cement concrete 1:1-1/2:3 conforming to ASTM Specification C-14-73, Class-2, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipe where necessary, finishing and testing, etc. complete:- 9" i/d wall thickness 1".	M	1089.59	65.00	70823.35
External Electrification						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	15-40-b-03	Providing street light poles of 40 ft height without arms including fixing complete.	Each	56491.99	7.00	395443.93
2	15-36-g	Supply and Fixing SMD Type LED Road light Fixture (60-70 watts)	Each	14836.00	10.00	148360.00
3	15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" i/d	Mtr	357.18	200.00	71436.00
4	15-124-a	Supply & erection of 2x10 mm2 Copper Cable	Mtr	474.23	215.00	101959.45

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
5	15-70-b x 1	DISTRUBTION BOARD	Each	20791.64	3.00	62374.92
	15-71-c x 2	INCOMING				
	15-71-a x 2	60 AMP TP MCCB 15 KA				
	15-72-b x 1	OUTGOING				
	15-75-b x	2 X 30 AMP SP MCB				
	2.0sft	2 x20 AMP SP MCB				

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
6	15-100-b	Supply & erection of 50 KVA, 11/0.4 KV Transformer	Each	339209.89	2.00	678419.78
Boundary Wall, Lawn and Footpath						
Beat office at Ismaila Interchange and Facilitation Centre at Karnal Sher Khan						
1	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M3	243.91	194.68	47484.40
2	06-05-i	Plain cement concrete including placing , compacting, finishing & curing etc (Ratio 1 : 4 : 8)	M3	6004.18	10.82	64965.23
3	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1 :2:4)	M3	9203.68	35.21	324061.57
4	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	TON	141789.80	8.41	1191811.14
5	07-07-a-05	Pacca brick work other than building in Cement, sand mortar 1:6	M3	9355.87	129.78	1214204.81
6	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4)	M3	9203.68	24.42	224753.87
7	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M3	6626.80	4.06	26904.81
8	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M2	286.75	710.04	203603.97
9	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	212.49	710.04	150876.40
10	13-25-b	Preparing surface & painting with snowcem / weathershield paint : First coat	M2	105.08	710.04	74611.00
11	11-18-a	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:2	M3	315.06	710.04	223705.20
12	12-47-b	Making and fixing steel grated door, with 1/16" thickness, including angle iron frame & lock	M3	7956.99	23.05	183408.62
13	28-17-a	Providing and Fixing barbed wire fencing with 4 horizontal & 2 cross wires : Without PCC base	M2	1617.60	232.86	376674.34
14	03-07-b	Earth fill in lawns including dressing & compaction with suitable earth borrowed.	M3	269.20	541.88	145874.10
15	10-49-a	Providing and Fixing Precast Concrete 7000 psi TUFF Tiles over bed of 2" thick sand & 4" thick brick ballast comp	M2	885.23	1110.41	982968.24
16	16-73	Providing and fixing kerb stone (12"x18"x6") in cement sand mortar 1:3 in center media or round	M	687.60	262.42	180439.99
NON-SCHEDULE ITEMS						
1	NSI	Providing and Fixing of WC Pota as directed by engineer incharge	Each	30000.00	12.00	360000.00
2	NSI	Construction of RCC Water Tank 1000 glns as directed by engineer incharge	Each	60000.00	9.00	540000.00
3	NSI	16 mmsq 4 core/cu/pvc/pvc	M	1344.41	955.00	1283911.55
4	NSI	25 mmsq 4 core/cu/pvc/pvc.	M	1960.00	545.00	1068200.00
5	NSI	10 mmsq 4 core/cu/pvc/pvc	M	980.00	130.00	127400.00

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
6	NSI	Landscaping incl. levelling, plantation of grass/plants incl. watering and maintenance	M2	420.00	14025.00	5890500.00

S.NO	ITEM NO	DESCRIPTION	UNIT	RATE MRS 2020	Quantity	Amount
7	NSI	OVER HEAD LINE ALM (LUM SUM)	Each	1500000.00	5.00	7500000.00
8	NSI	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962,PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: except excavation 4" i/d	M	4817.32	774.83	3732604.06
9	NSI	Improved Subgrade	M3	1000.00	787.85	787850.00
10	NSI	Supply and Fixing of Voltage Regulator 30 KV	Each	180720.00	10.00	1807200.00
Net Amount (B)						79112033.37
Total Net Amount (A+B)						309947089.15