

Data Analysis

MAIN BUILDING CIVIL WORKS

1 Specification Code: od183673/2019_2020

od183673/2019_2020 :Supply and install externally 1st quality 600x300x8mm ceramic tile walls cladding of cement ash or similar different colours, tile shall be laid and fixed to pre plastered walls in patterns, style and forms of grouting and jointing as directed by engineer using approved tile adhesive materials and pointed with approved tile joint filler matching the colour of tiles.

Details of cost for 1 sqm

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of ceramic tile cladding	sqm	1.02500	492.41	504.72
8731	High polymer modified quickset tile adhesive	kg	10.00000	9.00	90.00
1246	Silicon based Joint Sealeant for Tiles	kg	0.05140	150.00	7.71
0123	Mason (brick layer) 1st class	Day	0.25000	487.00	121.75
0115	Coolie	Day	0.25000	368.00	92.00
9988	Carriage and sundries	L.S	26.91000	1.73	46.55
TOTAL					862.73
Other Engineering Organisations cost for one sqm					862.73
say					862.73

	Add Water Charges @ 1.0%				8.62
	Add CPOH @ 15.0%				130.70
	Cost index 32.04 %				133.23
	Total with Cost index				1135.29
	Say				1135.29

2 Specification Code: od183674/2019_2020

od183674/2019_2020 :Supply and install externally 1st quality 600x300x8mm brick pattern design colour ceramic tile wall cladding, tile shall be laid and fixed to pre- plastered walls in patterns, style and forms of grouting and jointing as directed by engineer using approved tile adhesive materials and pointed with approved tile joint filler matching the colour of tiles.

Details of cost for 1 sqm

Code	Description	Unit	Quantity	Rate	Amount
MR	brick pattern Ceramic tile cladding	sqm	1.02500	501.53	514.07
8731	High polymer modified quickset tile adhesive	kg	10.00000	9.00	90.00
1246	Silicon based Joint Sealeant for Tiles	kg	0.05140	150.00	7.71
0123	Mason (brick layer) 1st class	Day	0.25000	487.00	121.75
0115	Coolie	Day	0.25000	368.00	92.00
9988	Carriage and sundries	L.S	26.91000	1.73	46.55
TOTAL					872.08
cost for one sqm					872.08
	say				872.08

	Add Water Charges @ 1.0%				8.72
	Add CPOH @ 15.0%				132.12
	Cost index 32.04 %				133.23
	Total with Cost index				1146.15
	Say				1146.15

3 Specification Code: od219382/2019_2020

od219382/2019_2020 :Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)

Code	Description	Unit	Quantity	Rate	Amount
MR	HP Laminate vertical grain pattern Flush pre hung door	sqm	1.00000	6675.00	6675.00
MR	Cartage and sundries	sqm	1.00000	200.00	200.00
0156	Carpenter (average)	Day	0.54000	467.00	252.18
0114	Beldar	Day	0.54000	368.00	198.72

TOTAL					7325.90
cost for one sqm of door area					7325.90
	say				7325.90

	Add Water Charges @ 1.0%				73.25
	Add CPOH @ 15.0%				1109.87
	Cost index 32.04 %				167.80
	Total with Cost index				8676.83
	Say				8676.83

4 Specification Code: od219378/2019_2020

od219378/2019_2020 :Supply and fix fully finished Pre Hung Door:-Both side Veneered (Sapeli/ Beech /RC Walnut/RC Teak etc) vertical grains Flush door with matching Veneer Wrapped Engineered wood Jamb (Frame) with front side Architraves and other side Tackers, all with specialised Lacquer Polish. Door of 35 mm thick with 4 side PVC Lipping / Lock Hole Boring (using mortise lock) / Hinge Rebate cutting (4 Nos.) /Extruded Sauerland core / Honey comb core filling. as per drawing and agreed schedule of rates inclusive of all applicable taxes to the satisfaction of site Engineer in charge.The above rate included all fixing and fitting lock, hinges,hardware items etc. (Jacsons or approved equivalent)
for 1 Sq.m

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply rate by quotation	sqm	1.00000	7143.00	7143.00
MR	Cartage and sundries	sqm	1.00000	200.00	200.00
0156	Carpenter (average)	Day	0.54000	467.00	252.18
0114	Beldar	Day	0.54000	368.00	198.72
TOTAL					7793.90
cost for one sqm					7793.90
	say				7793.90

	Add Water Charges @ 1.0%				77.93
	Add CPOH @ 15.0%				1180.77

	Cost index 32.04 %				167.80
	Total with Cost index				9220.41
	Say				9220.41

5 Specification Code: od219371/2019_2020

od219371/2019_2020 :Supply and fixing ready made galvanized wooden texture Powder coating/Heat transfer/Fluorocarbon laminate painted steel doors with steel jamb,SS hinges & door sill ,sheet thickness of 1to 1.4mm, Cylindrical lock, high security locking systems (Multi lock models having 11 locking points, and can be operated with a single key), honeycomb paper Infilling material, five years warranty on all the hardware and locking system as per satisfaction of site Engineer in charge.The above rate included all fixing and fittings like security locks, hinges, hardware items etc.(Cuirass/I-leaf/GM or approved equivalent.)
Supply rate from quote = 1.2mx2.4m size door = 24900
Rate = 8645.83 per Sq.m.`

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of steel door with all hardware and fittings as per quote	sqm	1.00000	8645.83	8645.83
MR	Transportation	sqm	1.00000	200.00	200.00
0116	Fitter(grade1)	Day	0.35000	487.00	170.45
0114	Beldar	Day	0.35000	368.00	128.80
9999	Sundries	L.S	57.81000	1.73	100.01
TOTAL					9245.09
cost for one sqm of door area					9245.09
	say				9245.09

	Add Water Charges @ 1.0%				92.45
	Add CPOH @ 15.0%				1400.63
	Cost index 32.04 %				148.58
	Total with Cost index				10886.75

		Say				10886.75
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6 Specification Code: od15145/2019_2020

od15145/2019_2020 :Supply 100mmx100mmx14g thick 6.00 m long Galvanized square hollow section member (AS 1163-2009 Grade min C350L0 AS/NZS 4792 Galvanised coatings on ferrous hollow sections) fixed vertically and anchored to RC parapet and base up stand, will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (Shop drawings shall be submitted by the contractor to the Engineer in-charge for approval before execution).

Considering 6.00m length

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply 100mmx100mmx14g thick 6.00 m long Galvanized square hollow section member.	kg	37.20000	55.67	2070.92
0102	Blacksmith 1st class	Day	0.12500	487.00	60.88
0114	Beldar	Day	0.12500	368.00	46.00
1215	Welding by electric plant	cm	120.00000	2.00	240.00
0123	Mason (brick layer) 1st class	Day	0.12500	487.00	60.88
0115	Coolie	Day	0.12500	368.00	46.00
MR	Cement mortar 1:3 (1 cement : 3 coarse sand). DSR item 3.8 (entered as MR since Price software not supported, rate =4723.50x1.3204(index value) =6236.91) 	cum	0.03000	6236.91	187.11
1213	Water proofing materials	kilogram	0.10000	35.00	3.50
13.52.1	Rate as per item number 13.52.1 of SH: Finishing	sqm	2.40000	105.47	253.13
9999	Sundries	L.S	59.00000	1.73	102.07
TOTAL					3070.49
	cost for 6.0 metre				3070.49
	cost for one metre				511.75
	say				511.75

	Add Water Charges @ 1.0%				5.11
	Add CPOH @ 15.0%				77.53
	Cost index 32.04 %				50.39
	Total with Cost index				644.79
	Say				644.79

7 Specification Code: od17956/2019_2020

od17956/2019_2020 :Supply 50mmx50mmx16 g thick Galvanized square hollow section member (AS 1163-2009 Grade min C350L0 AS/NZS 4792 Galvanised coatings on ferrous hollow sections) fixed vertically and anchored to RC slab will be given a priming coat of Zinc primer as approved by Engineer-in-charge and painted with two or more coats of epoxy paint (painting measured separately)(Shop drawings shall be submitted by the contractor to the Engineer in-charge for approval before execution).

Considering 3.60m length

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply 50mmx50mmx16 g thick 3.60 m long Galvanized square hollow section member.	kg	7.74000	55.67	430.89
0102	Blacksmith 1st class	Day	0.03700	487.00	18.02
0114	Beldar	Day	0.03700	368.00	13.62
1215	Welding by electric plant	cm	40.00000	2.00	80.00
0116	Fitter(grade1)	Day	0.03700	487.00	18.02
0115	Coolie	Day	0.03700	368.00	13.62
1957	Bolts and nuts 16 mm dia 65 mm long	each	8.00000	12.00	96.00
9988	Carriage and sundries	L.S	100.00000	1.73	173.00
TOTAL					843.17
	cost for 3.6 metre				843.17
	cost for one metre				234.21
	say				234.21

	Add Water Charges @ 1.0%				2.34
	Add CPOH @ 15.0%				35.48
	Cost index 32.04 %				42.61
	Total with Cost index				314.65
	Say				314.65

8 Specification Code: od219426/2019_2020

od219426/2019_2020 :Supply Cor-Ten A grade 3mm thick warm rolled perforated cassettes (ASTM A606) fixed to plastered wall spacing in the hidden plastic suspension mounts with stainless steel class

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of 3mm thick cor-Ton steel cassettes including wastage	sqm	3.28000	1635.52	5364.51
MR	Perforation charges	L.S	1.00000	400.00	400.00
MR	Transportation	L.S	1.00000	500.00	500.00
9999	Sundries	L.S	217.04000	1.73	375.48
0116	Fitter(grade1)	Day	0.20000	487.00	97.40
0115	Coolie	Day	0.20000	368.00	73.60
TOTAL					6810.99
	cost for 3.125 sqm				6810.99
	cost for one sqm				2179.51
	say				2179.51

	Add Water Charges @ 1.0%				21.79
	Add CPOH @ 15.0%				330.19
	Cost index 32.04 %				65.07
	Total with Cost index				2596.58

	Say				2596.58
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9 Specification Code: od15420/2019_2020

od15420/2019_2020 :Providing and Fixing in position Ply Decking in class room of approved design, shape with vertical & horizontal necessary frame work of hard wood members of approved quality, well notched & screwed, 12mm thick approved marine ply decking finished to recieve marble / wood, necessary frame work, wooden packings, including necessary hardware, making holes in MS sections, etc. complete as per detail drawing and as directed by Enginner in charge.Raised floor @ 300mm ht. from FFL
FOR ONE Sq.m

Code	Description	Unit	Quantity	Rate	Amount
MR	Providing and Fixing	sqm	1.00000	2477.00	2477.00
TOTAL					2477.00
cost for one sqm					2477.00
	say				2477.00

	Add Water Charges @ 1.0%				24.77
	Add CPOH @ 15.0%				375.26
	Cost index 32.04 %				0.00
	Total with Cost index				2877.04
	Say				2877.04

10 Specification Code: od219447/2019_2020

od219447/2019_2020 :Supply & Fixing stainless steel square cockroach proof traps with Gratings MAT finish. Unloading materials supplied at site and storing it in safe place provided in the site. (Make:CHILLY/ACO/SGS)

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of trap with grating	each	1.00000	639.83	639.83

0123	Mason (brick layer) 1st class	Day	0.06300	487.00	30.68
9999	Sundries	L.S	10.00000	1.73	17.30

TOTAL					687.81
cost for one each					687.81
	say				687.81

	Add Water Charges @ 1.0%				6.87
	Add CPOH @ 15.0%				104.20
	Cost index 32.04 %				17.85
	Total with Cost index				816.75
	Say				816.75

11 Specification Code: od219448/2019_2020

od219448/2019_2020 :Providing and fixing 100mm dia Cleanout with Spigot, with SS 304 Square Frame & Round Frame with Flat Round Cover with Rubber Seal & SS Screw including cost and conveyance of all materials, labour charges, sundries etc complete as directed by the Engineer in charge at all levels.(Make:CHILLY/ ACO/SGS)
Rate per each

Code	Description	Unit	Quantity	Rate	Amount
MR	Cleanout 100mm dia	no	1.00000	529.66	529.66
MR	Carriage of materials and fixing charges	L.S	13.91000	2.68	37.28
0116	Fitter(grade1)	Day	0.30000	487.00	146.10
0124	Mason (brick layer)2nd class	Day	0.30000	448.00	134.40
TOTAL					847.44
cost for one each					847.44
	say				847.44

	Add Water Charges @ 1.0%				8.47
	Add CPOH @ 15.0%				128.38

	Cost index 32.04 %				104.38
	Total with Cost index				1088.69
	Say				1088.69

12 Specification Code: od219449/2019_2020

od219449/2019_2020 :Providing and fixing 75mm dia Cleanout with Spigot, with SS 304 Square Frame & Round Frame with Flat Round Cover with Rubber Seal & SS Screw including cost and conveyance of all materials, labour charges, sundries etc complete as directed by the Engineer in charge at all levels.(Make:CHILLY/ ACO/SGS)

Rate per each

Code	Description	Unit	Quantity	Rate	Amount
MR	Cleanout 75mm dia	no	1.00000	506.78	506.78
MR	Carriage of materials and fixing charges	L.S	13.91000	2.68	37.28
0116	Fitter(grade1)	Day	0.30000	487.00	146.10
0124	Mason (brick layer)2nd class	Day	0.30000	448.00	134.40
TOTAL					824.56
cost for one each					824.56
	say				824.56

	Add Water Charges @ 1.0%				8.24
	Add CPOH @ 15.0%				124.92
	Cost index 32.04 %				104.38
	Total with Cost index				1062.11
	Say				1062.11

13 Specification Code: od15106/2019_2020

od15106/2019_2020 :Providing and fixing 75mm dia Cleanout with Spigot, with SS 304 Square Frame &

Round Frame with Flat Round Cover with Rubber Seal & SS Screw including cost and conveyance of all materials, labour charges, sundries etc complete as directed by the Engineer in charge at all levels.

Rate per each

Code	Description	Unit	Quantity	Rate	Amount
MR	Cleanout 75mm dia	no	1.00000	872.00	872.00
MR	Carriage of materials and fixing charges	L.S	13.91000	2.68	37.28
0116	Fitter(grade1)	Day	0.30000	487.00	146.10
0124	Mason (brick layer)2nd class	Day	0.30000	448.00	134.40
TOTAL					1189.78
cost for one each					1189.78
	say				1189.78

	Add Water Charges @ 1.0%				11.89
	Add CPOH @ 15.0%				180.25
	Cost index 32.04 %				104.38
	Total with Cost index				1486.32
	Say				1486.32

14 Specification Code: od15107/2019_2020

od15107/2019_2020 :Supply and install Zoloto or approved equivalent 32mm full bore forged brass ball valve including all necessary fittings.

Rate for each item

Code	Description	Unit	Quantity	Rate	Amount
MR	supply of Zoloto 32mm full bore forged brass ball valve	each	1.00000	1012.00	1012.00
MR	40mm male brass threaded adaptor	each	2.00000	357.54	715.08
9988	Carriage and sundries	L.S	9.98000	1.73	17.27
TOTAL					1744.35
cost for one each					1744.35

	say				1744.35
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	Add Water Charges @ 1.0%				17.44
	Add CPOH @ 15.0%				264.26
	Cost index 32.04 %				6.42
	Total with Cost index				2032.49
	Say				2032.49

15 Specification Code: od15108/2019_2020

od15108/2019_2020 :Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per the direction of Engineer-in-Charge 160 mm dia 6 Kg/cm² - External work- Exposed on wall

Details of cost for 10.00 meter

MATERIALS:

Code	Description	Unit	Quantity	Rate	Amount
MR56	PVC pipe 150 mm outer dia 6kgf/cm ²	metre	10.50000	520.00	5460.00
9999	Sundries Carriage of materials	L.S	33.80000	1.73	58.47
9999	Sundries Adhesive, and sundries etc	L.S	15.41000	1.73	26.66
0116	Fitter(grade1) 	Day	0.37000	487.00	180.19
0114	Beldar 	Day	0.97000	368.00	356.96
0100	Bandhani 	Day	0.13000	407.00	52.91
9999	Sundries Scaffolding etc.	L.S	30.98000	1.73	53.60
TOTAL					6188.79
	cost for 10.0 metre				6188.79
	cost for one metre				618.88
	say				618.88

	Add Water Charges @ 1.0%				6.18
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	Add CPOH @ 15.0%				93.76
	Cost index 32.04 %				27.12
	Total with Cost index				745.95
	Say				745.95

16 Specification Code: od14994/2019_2020

od14994/2019_2020 :Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.

Details of cost for 1 cu.m

Code	Description	Unit	Quantity	Rate	Amount
4.1.10	Rate as per item number 4.1.10 of SH:Concrete work 	cum	1.00000	3623.81	3623.81
TOTAL					3623.81
cost for one cum					3623.81
	say				3623.81

	Add Water Charges @ 1.0%				36.23
	Add CPOH @ 15.0%				549.00
	Cost index 32.04 %				1348.58
	Total with Cost index				5557.64
	Say				5557.64

FRONT GATE WITH SECURITY CABIN CIVIL WORKS

1 Specification Code: od219382/2019_2020

od219382/2019_2020 :Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting

(4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt 6" SS Finish - 1 No.(Jacsons or Approved equivalent)

Code	Description	Unit	Quantity	Rate	Amount
MR	HP Laminate vertical grain pattern Flush pre hung door	sqm	1.00000	6675.00	6675.00
MR	Cartage and sundries	sqm	1.00000	200.00	200.00
0156	Carpenter (average)	Day	0.54000	467.00	252.18
0114	Beldar	Day	0.54000	368.00	198.72
TOTAL					7325.90
cost for one sqm of door area					7325.90
	say				7325.90

	Add Water Charges @ 1.0%				73.25
	Add CPOH @ 15.0%				1109.87
	Cost index 32.04 %				167.80
	Total with Cost index				8676.83
	Say				8676.83

COMPOUND WALL

1 Specification Code: od183674/2019_2020

od183674/2019_2020 :Supply and install externally 1st quality 600x300x8mm brick pattern design colour ceramic tile wall cladding, tile shall be laid and fixed to pre- plastered walls in patterns, style and forms of grouting and jointing as directed by engineer using approved tile adhesive materials and pointed with approved tile joint filler matching the colour of tiles.

Details of cost for 1 sqm

Code	Description	Unit	Quantity	Rate	Amount
MR	brick pattern Ceramic tile cladding	sqm	1.02500	501.53	514.07
8731	High polymer modified quickset tile adhesive	kg	10.00000	9.00	90.00
1246	Silicon based Joint Sealeant for Tiles	kg	0.05140	150.00	7.71
0123	Mason (brick layer) 1st class	Day	0.25000	487.00	121.75

0115	Coolie	Day	0.25000	368.00	92.00
9988	Carriage and sundries	L.S	26.91000	1.73	46.55

TOTAL					872.08
cost for one sqm					872.08
	say				872.08

	Add Water Charges @ 1.0%				8.72
	Add CPOH @ 15.0%				132.12
	Cost index 32.04 %				133.23
	Total with Cost index				1146.15
	Say				1146.15

ROADS AND ANCILLARY WORKS

1 Specification Code: od15002/2019_2020

od15002/2019_2020 :2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately): With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt (DSR ITEM NO.16.33.1)

Details of cost for 100 sqm

Paving asphalt 80/100

(i) Hot bitumen @ 52kg.per cum. of stone

chippings @2.25cum. of 13.2mm nominal size chippings.

(ii) Hot bitumen @56kg. per cum. of aggregate @ 1.12cum. of 11.2mm nominal size

52x2.25+56x1.12= 180kg

Code	Description	Unit	Quantity	Rate	Amount
2916	Paving Asphalt VG-10 of approved quality	tonne	0.18000	29600.00	5328.00
2914	Solvent 	kilogram	12.60000	25.00	315.00
2211	Tar bitumen Carriage of	tonne	0.18000	103.77	18.68
2342	Solvent/ Diesel Carriage of	quintal	0.12600	10.38	1.31

2910	Stone chippings/screenings 12.5/13.2 mm nominal size @ 2.25 cum. per 100 sqm	cum	2.25000	1200.00	2700.00
2911	Stone Chippings/ screenings 10/ 11.2 mm nominal size @1.12 cum.per 100sqm	cum	1.12000	1200.00	1344.00
2202	Stone aggregate below 40 mm nominal size Carriage of 2.25+1.12=3.37 cum Steam coal for heating of bitumen @2 quintals per tonne of bitumen =2x0.18=0.36q	cum	3.37000	103.77	349.70
0370	Coal (steam) 	quintal	0.36000	400.00	144.00
2200	Steam coal Carriage of LABOUR: for cleaning the road surface, heating and spraying bitumen and aggregate: (a) for cleaning:	tonne	0.03600	118.59	4.27
0128	Mate 	Day	0.08000	407.00	32.56
0114	Beldar 	Day	1.40000	368.00	515.20
0115	Coolie (b) for heating bitumen	Day	1.40000	368.00	515.20
0114	Beldar (c) for screening and spreading premixed aggregate:	Day	0.71000	368.00	261.28
0130	Mistry 	Day	0.19000	487.00	92.53
0114	Beldar (d)consolidation charges:	Day	6.25000	368.00	2300.00
0113	Chowkidar 	Day	0.27000	368.00	99.36
0101	Bhisti 	Day	0.11000	407.00	44.77
0003	Hire charges of Diesel Road Roller- 8 to 10 tonne 	Day	0.11000	2200.00	242.00
0001	Hire charges of Coaltar Boiler 900 to 1400 litres 	Day	0.15000	800.00	120.00
0023	Hot Bitumen Mixer 0.5cum i/c hand cart (e) misc: Brushes etc. for cleaning.	Day	0.04000	3500.00	140.00
0364	Wire brush (with thick wire)	each	0.11000	20.00	2.20
0365	Soft brush 	each	0.32000	18.00	5.76
9999	Sundries Brooms and gunny bags	L.S	6.76000	1.73	11.69
9999	Sundries 	L.S	9.49000	1.73	16.42

				TOTAL	14603.93
	cost for 100.0 sqm				14603.93
	cost for one sqm				146.04

	say				146.04
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	Add Water Charges @ 1.0%				1.46
	Add CPOH @ 15.0%				22.12
	Cost index 32.04 %				54.34
	Total with Cost index				223.97
	Say				223.97

2 Specification Code: od15007/2019_2020

od15007/2019_2020 :Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG -10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.(DSR ITEM NO 16.40)

Details of cost for 100 sqm

@ 128kg/cum. of sand $128 \times 0.60 = 76.80 \text{kg.} = 0.0768 \text{ m.t}$

Code	Description	Unit	Quantity	Rate	Amount
2916	Paving Asphalt VG-10 of approved quality	tonne	0.07680	29600.00	2273.28
2211	Tar bitumen Carriage of	tonne	0.07680	103.77	7.97
0982	Coarse sand (zone III)	cum	0.60000	1200.00	720.00
2203	Coarse sand	cum	0.60000	103.77	62.26
0370	Coal (steam) 	quintal	1.53600	400.00	614.40
2200	Steam coal Carriage of LABOUR: for cleaning the road surface, heating and spraying bitumen and aggregate: (a) for cleaning:	tonne	0.15360	118.59	18.22
0128	Mate 	Day	0.06000	407.00	24.42
0114	Beldar 	Day	0.49000	368.00	180.32
0115	Coolie (b) for heating bitumen	Day	0.97000	368.00	356.96
0114	Beldar (c) for screening and spreading premixed aggregate:	Day	0.30000	368.00	110.40
0130	Mistry 	Day	0.05000	487.00	24.35
0114	Beldar (d)consolidation charges:	Day	1.11000	368.00	408.48

0113	Chowkidar 	Day	0.15000	368.00	55.20
0101	Bhisti 	Day	0.06000	407.00	24.42
0003	Hire charges of Diesel Road Roller- 8 to 10 tonne 	Day	0.06000	2200.00	132.00
0001	Hire charges of Coal tar Boiler 900 to 1400 litres 	Day	0.05000	800.00	40.00
0023	Hot Bitumen Mixer 0.5cum i/c hand cart (e) misc: Brushes etc. for cleaning.	Day	0.01000	3500.00	35.00
0364	Wire brush (with thick wire)	each	0.05000	20.00	1.00
0365	Soft brush 	each	0.12000	18.00	2.16
9999	Sundries Brooms and gunny bags	L.S	18.20000	1.73	31.49

TOTAL					5122.33
	cost for 100.0 sqm				5122.33
	cost for one sqm				51.22
	say				51.22

	Add Water Charges @ 1.0%				0.51
	Add CPOH @ 15.0%				7.75
	Cost index 32.04 %				19.06
	Total with Cost index				78.55
	Say				78.55

3 Specification Code: od15027/2019_2020

od15027/2019_2020 :Providing and laying average 100 mm thick sub grade of compacted bed of 20 mm thick nominal size stone aggregate mixed with sand Zone V, including spreading, well ramming, consolidating and finishing smooth etc. all complete as per direction of Engineer-in-charge.

Details of cost for 10 sqm.

MATERIAL:

Code	Description	Unit	Quantity	Rate	Amount
0295	Stone Aggregate(single size):20 mm nominal size 	cum	0.75000	1300.00	975.00

6501	Sand zone V (jamina)	cum	0.25000	600.00	150.00
2202	Stone aggregate below 40 mm nominal size	cum	0.75000	103.77	77.83
2335	Jamuna sand	cum	0.25000	103.77	25.94
0114	Beldar 	Day	0.47000	368.00	172.96
0115	Coolie 	Day	0.35000	368.00	128.80
0101	Bhisti	Day	0.24000	407.00	97.68
P&M-158	Plate vibrator	hour	1.92000	31.25	60.00

TOTAL					1688.21
	cost for 10.0 sqm				1688.21
	cost for one sqm				168.82
	say				168.82

	Add Water Charges @ 1.0%				1.68
	Add CPOH @ 15.0%				25.57
	Cost index 32.04 %				62.82
	Total with Cost index				258.91
	Say				258.91

4 Specification Code: od15087/2019_2020

od15087/2019_2020 : two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces

Unit = sqm

Taking out put = 40 sqm

LabourPainting

Code	Description	Unit	Quantity	Rate	Amount
0128	Mate	Day	0.12000	407.00	48.84
0131	Painter	Day	2.00000	448.00	896.00

0114	Beldar	Day	1.00000	368.00	368.00
0833	Synthetic enamel paint in black or chocolate shade	Litre	6.00000	170.00	1020.00

TOTAL					2332.84
	cost for 40.0 sqm				2332.84
	cost for one sqm				58.32
	say				58.32

	Add Water Charges @ 1.0%				0.58
	Add CPOH @ 15.0%				8.83
	Cost index 32.04 %				21.70
	Total with Cost index				89.44
	Say				89.44

5 Specification Code: od15091/2019_2020

od15091/2019_2020 :Providing and fixing PVC pipe pieces in weep holes by hacking,jointing and make good, 110 mm pipe 4 kgf/cm2
 Details of cost for 1.00metre
 MATERIALS:

Code	Description	Unit	Quantity	Rate	Amount
MR55	PVC pipe 110 mm outer dia. 4kgf/cm2	metre	1.00000	170.00	170.00
0116	Fitter(grade1) 	Day	0.03300	487.00	16.07
TOTAL					186.07
cost for one metre					186.07
	say				186.07

	Add Water Charges @ 1.0%				1.86
	Add CPOH @ 15.0%				28.18

	Cost index 32.04 %				5.98
	Total with Cost index				222.10
	Say				222.10

6 Specification Code: od221523/2019_2020

od221523/2019_2020 :Construct foundation for lighting pole using M30 concrete of overall size 65x65x160 cm and 4 nos M20x75cm long anchor bolt set in concrete using 4mm thick anchor plate as per the drawing and specification.

Rate per single lighting pole

Code	Description	Unit	Quantity	Rate	Amount
2.6.1	Rate as per item number 2.6.1 of SH: Earth Work	cum	3.09000	108.44	335.07
4.1.8	Rate as per item number 4.1.8 of SH: Concrete work	cum	0.04800	3855.49	185.06
5.33.1	Rate as per item number 5.33.1 of SH: Reinforced Cement Concrete	cum	0.68000	5550.15	3774.10
5.34.1	Rate as per item number 5.34.1 of SH: Reinforced Cement Concrete	cum	0.68000	59.84	40.69
4.3.1	Rate as per item number 4.3.1 of SH: Concrete work	sqm	4.16000	166.98	694.65
5.22.6	Rate as per item number 5.22.6 of SH: Reinforced Cement Concrete	kilogram	21.90000	48.73	1067.19
10.2	Rate as per item number 10.2 of SH: Steel Work	kg	1.50000	58.24	87.37
1221	20 mm dia holding down bolts	quintal	0.00310	5500.00	17.05
MR51	PVC pipe 63 mm outer dia. 4 kgf/cm ²	metre	0.46000	83.00	38.18
9988	Carriage and sundries	L.S	200.00000	1.73	346.00
TOTAL					6585.36
cost for one each					6585.36
	say				6585.36

	Add Water Charges @ 1.0%				65.85
	Add CPOH @ 15.0%				997.68
	Cost index 32.04 %				2436.49

	Total with Cost index				10085.39
	Say				10085.39

7 Specification Code: od15098/2019_2020

od15098/2019_2020 :Construct RC drain using 1:1.5:3 mix wall and base 10cm thick of average inside dimensions 40cm wide x 60cm deep covered with 10cm (1:1.5:3) mix precast RC slab etc as per drawing and specification

Rate per meter length

Code	Description	Unit	Quantity	Rate	Amount
2.8.1	Rate as per item number 2.8.1 of SH: Earth Work	cum	0.64000	143.26	91.69
4.1.8	Rate as per item number 4.1.8 of SH: Concrete work	cum	0.08000	3855.49	308.44
5.1.2	Rate as per item number 5.1.2 of SH: Reinforced Cement Concrete	cum	0.06000	5351.14	321.07
5.2.2	Rate as per item number 5.2.2 of SH: Reinforced Cement Concrete	cum	0.12000	6152.22	738.27
5.9.1	Rate as per item number 5.9.1 of SH: Reinforced Cement Concrete	sqm	0.20000	166.98	33.40
5.9.2	Rate as per item number 5.9.2 of SH: Reinforced Cement Concrete	sqm	2.40000	325.96	782.30
5.12	Rate as per item number 5.12 of SH: Reinforced Cement Concrete	cum	0.06000	6002.67	360.16
5.22.6	Rate as per item number 5.22.6 of SH: Reinforced Cement Concrete	kilogram	18.00000	48.73	877.14
TOTAL					3512.47
cost for one metre					3512.46
	say				3512.46

	Add Water Charges @ 1.0%				35.12
	Add CPOH @ 15.0%				532.13

	Cost index 32.04 %				1307.14
	Total with Cost index				5386.87
	Say				5386.87

EXTERNAL WATER SUPPLY

1 Specification Code: od14990/2019_2020

od14990/2019_2020 :Providing and fixing PVC pipes includings of pipes with one step PVC solvent cement, trenching refilling & testing of joints complete as per direction of Engineer in Charge. 63 mm dia 10Kgf/cm2

Details of cost for 10 metre

MATERIALS:

Code	Description	Unit	Quantity	Rate	Amount
MR	PVC pipe 63 mm outer dia . 10kgf/cm2 .(Using market rate of Kerala water authority item no KW234) 	metre	10.50000	98.94	1038.87
9988	Carriage and sundries	L.S	21.48000	1.73	37.16
9999	Sundries	L.S	10.58000	1.73	18.30
0116	Fitter(grade1) 	Day	0.25000	487.00	121.75
0114	Beldar Trenching and refilling etc.	Day	0.66000	368.00	242.88
0114	Beldar 	Day	0.66000	368.00	242.88
0115	Coolie	Day	0.66000	368.00	242.88
TOTAL					1944.72
	cost for 10.0 metre				1944.72
	cost for one metre				194.47
	say				194.47

	Add Water Charges @ 1.0%				1.94
	Add CPOH @ 15.0%				29.46
	Cost index 32.04 %				33.70

	Total with Cost index				259.59
	Say				259.59

2 Specification Code: od14994/2019_2020

od14994/2019_2020 :Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.

Details of cost for 1 cu.m

Code	Description	Unit	Quantity	Rate	Amount
4.1.10	Rate as per item number 4.1.10 of SH:Concrete work 	cum	1.00000	3623.81	3623.81
				TOTAL	3623.81
				cost for one cum	3623.81
	say				3623.81

	Add Water Charges @ 1.0%				36.23
	Add CPOH @ 15.0%				549.00
	Cost index 32.04 %				1348.58
	Total with Cost index				5557.64
	Say				5557.64

3 Specification Code: od221315/2019_2020

od221315/2019_2020 :Supply and install Zoloto or approved equivalent 50mm full bore forged brass ball valve including all necessary fittings

Rate for each item

Code	Description	Unit	Quantity	Rate	Amount
MR	supply of Zoloto 50mm full bore forged brass ball valve	each	1.00000	2668.00	2668.00
MR	63mm male threaded adaptor	each	2.00000	47.00	94.00

MR	63mm dia union	each	2.00000	175.00	350.00
9988	Carriage and sundries	L.S	20.80000	1.73	35.98

TOTAL					3147.98
cost for one each					3147.98
	say				3147.98

	Add Water Charges @ 1.0%				31.47
	Add CPOH @ 15.0%				476.91
	Cost index 32.04 %				13.38
	Total with Cost index				3669.77
	Say				3669.77

EXTERNAL SEWERAGE AND RAINWATER DRAINAGE					
1 Specification Code: od14994/2019_2020					

<p style="text-align: center;">Other Engineering Organisations</p> <p>od14994/2019_2020 :Extra over for Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all - round underground PVC pipes.</p> <p>Details of cost for 1 cu.m</p>					
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Code	Description	Unit	Quantity	Rate	Amount
4.1.10	Rate as per item number 4.1.10 of SH: Concrete work 	cum	1.00000	3623.81	3623.81
TOTAL					3623.81
cost for one cum					3623.81
	say				3623.81

	Add Water Charges @ 1.0%				36.23
	Add CPOH @ 15.0%				549.00
	Cost index 32.04 %				1348.58
	Total with Cost index				5557.64

		Say				5557.64
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2 Specification Code: od17197/2019_2020

od17197/2019_2020 :Supplying and installing ready made Pre cast RCC Water tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (5000 L Capacity)

Details of cost for 1 no

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of Pre Cast RCC Water Tank - 5000 L Capacity	each	1.00000	35000.00	35000.00
9999	Sundries Carriage to site	L.S	500.00000	1.73	865.00
2.8.1	Rate as per item number 2.8.1 of SH: Earth Work	cum	23.70000	143.26	3395.26
9999	Sundries Placing at specified level including back filling as necessary	L.S	22.42500	1.73	38.80
TOTAL					39299.06
Other Engineering Organisations cost for one each					39299.06
		say			39299.06

	Add Water Charges @ 1.0%				392.99
	Add CPOH @ 15.0%				5953.80
	Cost index 32.04 %				1599.87
	Total with Cost index				47245.73
	Say				47245.73

3 Specification Code: od17199/2019_2020

od17199/2019_2020 :Supply all material and construct RCC rain water filtration tank cum collection tank of overall size 7.6x2.40x2.45m using 1:1.5:3 concrete mix etc. all complete as per the drawing and specification.

Code	Description	Unit	Quantity	Rate	Amount
2.8.1	Rate as per item number 2.8.1 of SH: Earth Work	cum	30.90000	143.26	4426.73
2.25	Rate as per item number 2.25 of SH: Earth Work	cum	30.90000	108.27	3345.54
4.1.8	Rate as per item number 4.1.8 of SH: Concrete work	cum	2.03000	3855.49	7826.64
5.9.1	Rate as per item number 5.9.1 of SH: Reinforced Cement Concrete	sqm	8.00000	166.98	1335.84
5.9.2	Rate as per item number 5.9.2 of SH: Reinforced Cement Concrete	sqm	100.00000	325.96	32596.00
5.9.3	Rate as per item number 5.9.3 of SH: Reinforced Cement Concrete	sqm	15.04000	363.58	5468.24
5.22.6	Rate as per item number 5.22.6 of SH: Reinforced Cement Concrete	kilogram	1765.0000 0	48.73	86008.45
5.1.2	Rate as per item number 5.1.2 of SH: Reinforced Cement Concrete	cum	17.65000	5351.14	94447.62
22.4.1	Rate as per item number 22.4.1 of SH: Water Proofing	metre	23.60000	218.81	5163.92
13.7.1	Rate as per item number 13.7.1 of SH: Finishing	sqm	64.80000	195.26	12652.85
0295	Stone Aggregate(single size):20 mm nominal size	cum	2.03000	1300.00	2639.00
0293	Stone Aggregate(single size): 40 mm nominal size	cum	2.03000	1250.00	2537.50
7753	Boulder 50 mm to 200 mm	cum	2.03000	700.00	1421.00
0114	Beldar	Day	0.18300	368.00	67.34
0115	Coolie	Day	0.22330	368.00	82.17
2202	Stone aggregate below 40 mm nominal size	cum	2.03000	103.77	210.65
2206	Stone aggregate 40 mm nominal size and above	cum	4.06000	112.79	457.93
7751	PVC slotted pipe 150 mm dia as per IS: 12818	metre	2.00000	450.00	900.00
MR56	PVC pipe 150 mm outer dia 6kgf/cm ²	metre	2.25000	520.00	1170.00
9988	Carriage and sundries	L.S	90.20000	1.73	156.05
0116	Fitter(grade1)	Day	0.15700	487.00	76.46
0114	Beldar	Day	0.41200	368.00	151.62
1356	500 mm dia cover with frame (medium duty)	each	3.00000	4750.00	14250.00
0155	Mason (average)	Day	1.80000	467.00	840.60
0114	Beldar	Day	1.80000	368.00	662.40
TOTAL					278894.55
cost for one each					278894.56

	say				278894.56
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	Add Water Charges @ 1.0%				2788.94
	Add CPOH @ 15.0%				42252.52
	Cost index 32.04 %				103162.1 4
	Total with Cost index				427098.1 8
	Say				427098.1 8

4 Specification Code: od17218/2019_2020

od17218/2019_2020 :Supply ,Installation testing and commissioning of Kirloskar make model KOS 527+ or approved equivalent 5HP, 3 phase ,18m head 13.5 LPS capacity submersible pump including all accessories. QTY FOR ONE ITEM

Code	Description	Unit	Quantity	Rate	Amount
MR	SUPPLY OF PUMP AND ACCESSORIES	each	1.00000	20663.50	20663.50
0116	Fitter(grade1)	Day	1.00000	487.00	487.00
0160	Technician	Day	1.00000	775.00	775.00
9988	Carriage and sundries	L.S	234.80000	1.73	406.20
TOTAL					22331.70
cost for one each					22331.70
	say				22331.70

	Add Water Charges @ 1.0%				223.31
	Add CPOH @ 15.0%				3383.25
	Cost index 32.04 %				620.81
	Total with Cost index				26559.08

		Say			26559.08
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UPGRADATION OF EXISTING MAIN BUILDING AND WORKSHOPS

1 Specification Code: od15463/2019_2020

od15463/2019_2020 :Providing and fixing PUF insulated sandwich panels for roof Having top profile sheet with 28-30mm crust hight at 195-200mm pitch, inner liner tray and PUF Insulation between not less than 50 mm thick and width 980mm. Panel shall have 0.50mm thick Galvalume sheet on both side of polyurethane foam confirming to IS 12436:1988 with standard profile
with tongue & groove arrangement, The PU foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/cum(+,-2 Kgs) including CFC Free pannel should be GRIHA Certified.The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c assembly/ the cost shall include ridge, soffit junctions & flashings as specified puff panel makers.

For 1 Sq.m

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of Puf insulated sandwich roof sheet	sqm	1.02500	1238.98	1269.95
1022	Galvanised steel bolts & nuts 6 mm dia and 25 mm long round head with slots	10 nos	1.70000	38.00	6.46
0130	Mistry	Day	0.01500	487.00	7.31
0112	Carpenter 2nd class	Day	0.17000	448.00	76.16
0114	Beldar	Day	0.17000	368.00	62.56
				TOTAL	1422.44
				cost for one sqm	1422.44
		say			1422.44

	Add Water Charges @ 1.0%				14.22
	Add CPOH @ 15.0%				215.49
	Cost index 32.04 %				56.74
	Total with Cost index				1708.91
	Say				1708.91

2 Specification Code: od147354/2019_2020

od147354/2019_2020 :Supply and installation of High performance Industrial Roof-Vents(600 mm Dia. self driven roof ventilator) made of aluminum alloy Air Vent, designed to meet AS-2428.1.1993 to wind speed of 200Km/hr and to the entry of wind driven rain at a range of 2.5 L/sec. Under cyclone condition. Roof vents to be fixed on standing seam profile with engineering detail to be designed to make total system as leak proof and to the satisfaction of engineers in-charge.

Rate per no

Code	Description	Unit	Quantity	Rate	Amount
MR	Supply of High performance Industrial Roof-Vents 600 mm dia	each	1.00000	3984.00	3984.00
9988	Carriage and sundries	L.S	289.00000	1.73	499.97
0116	Fitter(grade1)	Day	0.50000	487.00	243.50
0114	Beldar	Day	0.50000	368.00	184.00
TOTAL					4911.47
cost for one each					4911.47
	say				4911.47

	Add Water Charges @ 1.0%				49.11
	Add CPOH @ 15.0%				744.08
	Cost index 32.04 %				345.15
	Total with Cost index				6049.83
	Say				6049.83

3 Specification Code: od221316/2019_2020

od221316/2019_2020 :Mat polished finish on concrete surface by flooring the process "DENSIFIED FLOOR" Vid. as Grinding the concrete floor using Coarse, Medium diamond grinding tools for removing the latency and minor level difference and opening up the pores in concrete, Densification of the floor using hybrid densifier, Densifier reacts with the UN-hydrated lime present in concrete and makes the concrete surface dense and hard.It offers many benefitssuch as reduced dusting, higher gloss readings, increased abrasion

resistance, and a longer lifespan of the concrete floor. For this to achieve, the concrete floor is allowed to be saturated with densifier, sealing with external grade sealer is applied on the floor after polishing to protect the floor from the effects of weather and to make the floor water repellent and stain resistant, burnishing the floor using a floor burnisher to bring about more shine and remove excess sealer from the floor etc in compliance to ASTM C-779 - Standard test method for abrasion resistance on horizontal floor surfaces. This item shall be executed only by the agency which has all required manufacturing machinery and necessary expertise.

Rate per Sq.m

Code	Description	Unit	Quantity	Rate	Amount
MR	Finish with top concrete surface of flooring by the process "DENSIFIED FLOOR" MAT FINISH quoted by contractor	sqm	1.00000	516.48	516.48
TOTAL					516.48
cost for one sqm					516.48
	say				516.48

	Add Water Charges @ 1.0%				5.16
	Add CPOH @ 15.0%				78.24
	Cost index 32.04 %				0.00
	Total with Cost index				599.89
	Say				599.89

SIGNAGE AND BOARDS

1 Specification Code: od221527/2019_2020

od221527/2019_2020 :Providing and fixing of Advance Direction / Way finding / Reassurance Sign board of size 1000 mm x 1500 mm made out of Type-XI encapsulated lens type retro reflective sheeting wide. Base Sheeting shall be of White Color type IV class B retro reflective sheeting fixed over 2 mm thick Aluminium Composite Material sheet with area exceeding 0.9 sqm fixed over back support frame of M.S.Angle 35 x 35 x 5 mm all round mounted on two 50 mm dia MS Pipe with clear height of not less than 2.1 m from the ground level to the bottom of the board as per approved drawings.
The sign post should be painted with one coat of red oxide paint and two coats of 1 st quality synthetic enamel paint Black & white colour with bands of 30 cm height. The sign post shall be firmly fixed in to the ground by means of properly designed foundation with M15 grade concrete size 450mm x 450mmx 600 mm, including cost,conveyance of all materials, equipment,machinery and labour with all leads and lift,loading charges necessary for satisfactory

completion of the work as directed by Engineer in-Charge.

Code	Description	Unit	Quantity	Rate	Amount
MR	AS per quote recieved	each	1.00000	10134.00	10134.00
TOTAL					10134.00
cost for one each					10134.00
	say				10134.00

	Add Water Charges @ 1.0%				101.34
	Add CPOH @ 15.0%				1535.30
	Cost index 32.04 %				0.00
	Total with Cost index				11770.64
	Say				11770.64

Other Engineering Organisations

2 Specification Code: od221528/2019_2020

od221528/2019_2020 :Supply and fixing sticker type signage at site (on door or similar locations) in proper line & level. The signage letters shall be made with premium quality vinyl sheet of approved colour, pasted on "3M"make self-adhesive film of approved colour, including supply of all material labour etc. required for proper completion of work. Before making the signage text & font of letters in best fit size will be set in computer so as to give aesthetic look as per sample available with ITD

Code	Description	Unit	Quantity	Rate	Amount
MR	As per quote received	sqcm	1.00000	0.59	0.59
TOTAL					.59
cost for one sqcm					0.59
	say				0.59

	Add Water Charges @ 1.0%				0.00
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	Add CPOH @ 15.0%				0.08
	Cost index 32.04 %				0.00
	Total with Cost index				0.69
	Say				0.69

3 Specification Code: od221529/2019_2020

od221529/2019_2020 :Supply and fixing bilingual signage in English. The signage letters will be made with premium quality vinyl sheet of approved colour, pasted on 3mm thick aluminium composite panel backing. The signage will be either fixed on the wall with the screws & double tape or hanged from the false ceiling with the help of hooks & chains complete work.

Code	Description	Unit	Quantity	Rate	Amount
MR	Rate as per quote 	sqcm	1.00000	0.60	0.60
TOTAL					.60
cost for one sqcm					0.60
	say				0.60

	Add Water Charges @ 1.0%				0.00
	Add CPOH @ 15.0%				0.09
	Cost index 32.04 %				0.00
	Total with Cost index				0.70
	Say				0.70

4 Specification Code: od221530/2019_2020

od221530/2019_2020 :Supply & fixing 5 mm thick aluminum compressed Panel (ACP) sheet in the required size for building name signage. The sheet will be cut into size as per the size of signage to be fixed in position (Stone façade, grit wash, gypsum board etc.) with screws & tape including s/o all material labour T&P etc. required for proper completion of work.

Code	Description	Unit	Quantity	Rate	Amount
MR	Rate as per quote	sqcm	1.00000	1.05	1.05
TOTAL					1.05
cost for one sqcm					1.05
	say				1.05

	Add Water Charges @ 1.0%				0.01
	Add CPOH @ 15.0%				0.15
	Cost index 32.04 %				0.00
	Total with Cost index				1.22
	Say				1.22

5 Specification Code: od221531/2019_2020

od221531/2019_2020 :Supply & fixing stainless steel (SS) letters made with SS-304 grade 20 gauge sheet as per the approved size & shade including fixing on ACP sheet in required height line & level including s/o all T&P etc. required for proper completion of work. Before making the letters the font & size will be got approved from ITD.

Code	Description	Unit	Quantity	Rate	Amount
MR	Rate as per quote	sqcm	1.00000	1.38	1.38
TOTAL					1.38
cost for one sqcm					1.38
	say				1.38

	Add Water Charges @ 1.0%				0.01
	Add CPOH @ 15.0%				0.20
	Cost index 32.04 %				0.00
	Total with Cost index				1.60
	Say				1.60

6 Specification Code: od221532/2019_2020

od221532/2019_2020 :Supply and fixing symbol signage such as No. Smoking, No Spitting, Drinking Water etc. signage of standard sizes as per conventional design/ colour code on 3 mm thick aluminium composite panel. The signage will be either fixed on the wall with the help of screws & double tape or hanged from the false ceiling with the help of chain & screws etc. complete work.

Code	Description	Unit	Quantity	Rate	Amount
MR	Rate as per quote	sqcm	1.00000	0.59	0.59
TOTAL					.59
cost for one sqcm					0.59
	say				0.59

	Add Water Charges @ 1.0%				0.00
	Add CPOH @ 15.0%				0.08
	Cost index 32.04 %				0.00
	Total with Cost index				0.69
	Say				0.69

7 Specification Code: od221533/2019_2020

od221533/2019_2020 :Printing of floor plans on approx. A2 size poster sheet with indelible ink framing the same in 3mm thick acrylic sheet and 1" studs complete. The floor plans will be fixed on the wall with the help of screws and double tape etc. to give neat & finished look

Code	Description	Unit	Quantity	Rate	Amount
MR	Rate as per quote	each	1.00000	1622.87	1622.87
TOTAL					1622.87
cost for one each					1622.87
	say				1622.87

	Add Water Charges @ 1.0%				16.22
	Add CPOH @ 15.0%				245.86
	Cost index 32.04 %				-0.01
	Total with Cost index				1884.96
	Say				1884.96



Other Engineering Organisations

PRICE