

उत्तर प्रदेश, लोक निर्माण विभाग

दर अनुसूची
(केवल राजकीय प्रयोगार्थ)



आगरा वृत्त लो०नि०वि०, आगरा

दिनांक 15.12.2017 से प्रभावी

वर्ष—2017—18

जनपद—आगरा एवं मथुरा

उत्तर प्रदेश लोक निर्माण विभाग

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**कार्यालय अधीक्षण अभियन्ता,
आगरा वृत्त, लो0नि0वि0, आगरा**

पत्रांक:- 6973/2एम0-आ0वृ0/2017-18

दिनांक:- 15-12-2017

कार्यालय ज्ञाप

इस कार्यालय के कार्यालय-ज्ञाप संख्या-6104/2एम0-आ0वृ0/2015 दिनांक 02.11.2015, कार्यालय-ज्ञाप संख्या-6508/2एम0-आ0वृ0/16 दिनांक 21.12.2016 एवं कार्यालय-ज्ञाप संख्या-4643/2एम0-आ0वृ0/2017-18 दिनांक 01.08.2017 द्वारा इस वृत्त के अधीन जनपद आगरा एवं मथुरा में भवन तथा मार्ग निर्माण कार्य में प्रयुक्त होने वाली निर्माण सामग्री एवं विविध श्रेणी के श्रमिकों की दरें पुनरीक्षित की गयी थी। दरों के पुनरीक्षण हेतु इस कार्यालय के पत्रांक-6639/2एम0-आ0वृ0/2017 दिनांक 27.11.2017 द्वारा दिनांक 30.11.2017 को बैठक आहूत की गयी जिसमें निम्न अधिकारियों ने प्रतिभाग किया।

1	इं0 एस0के0 अग्रवाल	अधीक्षण अभियन्ता	आगरा वृत्त लो0नि0वि0, आगरा
2	इं0 तारा चन्द्र दोहरे	अधिशाली अभियन्ता	प्रान्तीय खण्ड, लो0नि0वि0, आगरा
3	इं0 नरेश कुमार	अधिशाली अभियन्ता	नि0ख0-1 (ता0ट्रि0) लो0नि0वि0, आगरा
4	इं0 आर0पी0एस0 तौमर	अधिशाली अभियन्ता	नि0ख0-2 लो0नि0वि0, आगरा
5	इं0 सुदर्शन कान्त वर्मा	अधिशाली अभियन्ता	प्रान्तीय खण्ड, लो0नि0वि0, मथुरा
6	इं0 सूरज कुमार	अधिशाली अभियन्ता	नि0ख0-1, लो0नि0वि0, मथुरा
7	इं0 राहुल शर्मा	सहायक अभियन्ता	प्रान्तीय खण्ड, लो0नि0वि0, आगरा
8	इं0 शशांक भार्गव	सहायक अभियन्ता	नि0ख0-1 (ता0ट्रि0) लो0नि0वि0, आगरा
9	इं0 एम0के0 शर्मा	सहायक अभियन्ता	प्रान्तीय खण्ड/नि0ख0-1 लो0नि0वि0, मथुरा
10	इं0 प्रेम प्रकाश	अवर अभियन्ता (प्रा0)	आगरा वृत्त, लो0नि0वि0, आगरा
11	इं0 आर0के0 शर्मा	अवर अभियन्ता	नि0ख0-1 (ता0ट्रि0) लो0नि0वि0, आगरा
12	इं0 सन्नी आनन्द विश्वकर्मा	अवर अभियन्ता (प्रा0)	प्रान्तीय खण्ड, लो0नि0वि0, आगरा

मार्गों/भवन कार्यों से सम्बन्धित मदों के दर पुनरीक्षण हेतु सम्यक विचारोपरान्त सर्वसम्मति से दरों का पुनरीक्षण संलग्नक के अनुसार किया जाता है। आवश्यकतानुसार सड़क/भवन कार्यों से सम्बन्धित कुछ नई मदों का सृजन भी D.A.R. के आधार पर विश्लेषित कर इस दर सूची में सम्मिलित किया गया है। बिटुमिनस/आर0सी0सी0/सी0सी0 पेवमेन्ट में झांसी/हल्द्वानी क्योरी की ग्रीट को सम्मिलित करते हुये अनुमोदित की जाती है।

शैड्यूल ऑफ रेट्स की यह दरें आगरा वृत्त लो0नि0वि0, आगरा के अन्तर्गत आने-वाले आगरा एवं मथुरा जनपदों में दिनांक 15.12.2017 से प्रभावी होंगी। यह दरें आगणन गठन के लिए मान्य होंगी। वित्तीय नियमों के अनुसार कार्यों की नियमानुसार निविदायें प्राप्त कर प्रतिस्पर्धात्मक दरों पर ही कार्य सम्पादित कराया जाए।

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(एस0के0 अग्रवाल)

अधीक्षण अभियन्ता

आगरा वृत्त, लो0नि0वि0, आगरा

प्रतिलिपि:- निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. विशेष सचिव, उत्तर प्रदेश शासन, लो0नि0वि0, लखनऊ।
2. प्रमुख अभियन्ता, (विकास) एवं विभागाध्यक्ष उत्तर प्रदेश लो0नि0वि0, लखनऊ।
3. महालेखाकार, उत्तर प्रदेश इलाहाबाद।
4. मुख्य अभियन्ता (मु0-1) लो0नि0वि0, लखनऊ।
5. मुख्य अभियन्ता, (भवन) लो0नि0वि0, लखनऊ।
6. मुख्य अभियन्ता, आगरा क्षेत्र लो0नि0वि0, आगरा।
7. मुख्य प्राविधिक परीक्षक (प्रावैधिक सम्परीक्षा कोष्ठ) लो0नि0वि0, उ0प्र0 शासन, अन्वेषणालय, महात्मा गांधी मार्ग, लखनऊ।
8. अधीक्षण अभियन्ता, अलीगढ़/मैनपुरी/इटावा/बरेली/कानपुर/झांसी वृत्त लो0नि0वि0,.....।
9. अधिशाली अभियन्ता, प्रा0ख0/नि0ख0-1(ता.ट्रि.)/नि.ख.-2/नि.ख.-2(प्र.प.)/नि0ख0-1, लो.नि.वि., आगरा/मथुरा।
10. अवर अभियन्ता, (प्रा0) आगरा वृत्त लो0नि0वि0, आगरा।

15.12.2017
अधीक्षण अभियन्ता

आगरा वृत्त, लो0नि0वि0, आगरा

CHAPTER-1 MATERIAL

Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in Rs.
1	2	3	4	5
1	BRICK			
	(a) Class M-150	1.1.1	1000 No.	5700.00
	(b) Class M-100	1.1.2	1000 No.	5500.00
	(c) Straight over burnt Class-275	1.1.4	1000 No.	5400.00
	(d) Tiles, Bull Nose Drip Course Brick	1.1.4	1000 No.	5600.00
2	BRICK BALLAST			
	(a) Brick ballast 40mm gauge	1.2	Cu.M.	1200.00
	(b) Class-150 brick ballast 25mm gauge	1.2	Cu.M.	1300.00
	(c) Brick - Bats of O.B.B./150 BB	1.2	Cu.M.	850.00
3(A)	STONE BALLAST (From Khera Thakur Quarry)			
	45-90 mm guage stone ballast.		Cu.M.	550.00
3(B)	CRUSHED STONE BALLAST (From Ghatri Quarry)			
	45-63 mm guage stone ballast.		Cu.M.	650.00
	22.4-53 mm guage stone ballast.		Cu.M.	750.00
	40mm guage stone ballast		Cu.M.	875.00
	Crushed stone Dust 2.36mm & below		Cu.M.	625.00
3(C)	CRUSHED STONE GRIT (From Ghatri Quarry)			
	For Non bituminous work			
	13.20mm guage		Cu.M.	900.00
	11.20mm guage		Cu.M.	900.00
	6.7mm guage and below		Cu.M.	850.00
3(D)	STONE BOULDER (From Khera Thakur Quarry)			
	(A) 25-40 Kg		Cu.M.	475.00
	(B) 40-60 Kg		Cu.M.	500.00
	(C) Stone Bricks Dressed		Each	5.00
	Size (22- 25 × 10-12 ×10-12 cm)			
3(E)	GRIT (Jhansi Quarry)			
	(A) GRIT 16-22.4MM Gauge		Cu.M.	Rates as per Superintending Engineer Jhansi Circle, PWD, Jhansi Letter No.- 11469/ 48.Jha.C./17 Dt. 25-10- 2017
	(B) GRIT 19MM Gauge		Cu.M.	
	(C) GRIT 20MM Gauge		Cu.M.	
	(D) GRIT 10-16MM Gauge		Cu.M.	
	(E) 13mm / 13.2mm Gauge		Cu.M.	
	(F) 11.2mm Gauge		Cu.M.	
	(G) 10mm Gauge		Cu.M.	
	(H) 6mm/6.7mm Gauge		Cu.M.	
	(I) 2.36mm Gauge		Cu.M.	
	(J) 20-40mm Gauge		Cu.M.	
	(K) Stone Dust		Cu.M.	
3(F)	GRIT (Haldwani Quarry)			
	(A) GRIT 16-22.4MM Gauge		Cu.M.	Rates as per Superintending Engineer Bareilly Circle, PWD, Bareilly Letter No.-3198/ 23M.A.-3/17 Dt. 22-04- 2017
	(B) GRIT 19MM Gauge		Cu.M.	
	(C) GRIT 20MM Gauge		Cu.M.	
	(D) GRIT 10-16MM Gauge		Cu.M.	
	(E) 13mm / 13.2mm Gauge		Cu.M.	
	(F) 11.2mm Gauge		Cu.M.	
	(G) 10mm Gauge		Cu.M.	
	(H) 6mm/6.7mm Gauge		Cu.M.	
	(I) 2.36mm Gauge		Cu.M.	
	(J) 20-40mm Gauge		Cu.M.	
	(K) Stone Dust		Cu.M.	

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Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in ₹
3(G)	I Shaped Precast Interlocking Tiles(strength of 30MPa) at site			
	(i) 60 mm thick		Each	15.00
	(A) Grey		Each	17.00
	(B) Coloured		Each	16.50
	(C) Rubber Moulded		Each	17.50
	(D) Coloured Rubber moulded			
	(ii) 80 mm thick		Each	18.50
	(A) Grey		Each	21.50
	(B) Coloured		Each	20.50
	(C) Rubber Moulded		Each	22.50
	(D) Coloured Rubber moulded			
	(iii) 100 mm thick		Each	22.50
	(A) Grey		Each	24.50
	(B) Coloured		Each	23.50
	(C) Rubber Moulded		Each	25.50
	(D) Coloured Rubber moulded			
3(H)	Rubber Moulded Cement concrete Kerb stone M-20		Each	80.00
	Size 12"x12" x6"		Each	105.00
	Size 12"x16" x6" (Plain)		Each	110.00
	Size 12"x16" x6" (Designer)		Each	115.00
	Size 12"x18" x6"			
4	PLAIN GLASS (Best Quality, Cut to Size)	19.11	Sq.M.	580.00
	5mm thick	19.11	Sq.M.	480.00
	4mm thick	19.11	Sq.M.	435.00
	3mm thick			
	Note:- For Pinhead glass the rates will be 10% less than the above rates.			
5	GLASS STRIPS			
	(a) 22mm wide- (2.8 to 3.7 mm thick)		RM	5.00
	(b) 32mm wide (2.8 to 3.7 mm thick)		RM	6.10
	(c) 32mm wide, (5mm thick)		RM	8.20
6	LIME			
	(a) From Maihyer	1.2.1	Quintal	600.00
	(b) Katni	I.S. 712-1964	Quintal	650.00
7	REINFORCEMENT & STRUCTURAL STEEL			
	(a) TMT Bar Fe 415 8 dia		Tonne	As Per Current Market Rates
	(b) TMT Bar Fe 415- 10mm to 12mm dia		Tonne	
	(c) TMT Bar Fe 415 16mm to 32mm dia		Tonne	
	(d) M.S. Angles	226, KST 45-5	Tonne	
	(e) M.S.Flat	10.2.2.215	Tonne	
	(f) M.S. Sheet		Tonne	
	(g) M.S. Tee Section		Tonne	
8	MARBLE CHIPS			
	(a) White- Snow white		Quintal	350.00
	(b) White- Commercial White		Quintal	250.00
	(c) Red Blood Colour		Quintal	300.00
	(d) Black and other Colour		Quintal	300.00
9	MARBLE DUST			
	Marble dust (200 mesh)		Quintal	240.00
10	GLAZED TILES (1 st Quality I.S.I. Marked or equivalent) Thickness 6mm			
	(a) 300mm x 450mm size - White		Piece	65.00
	(b) 300mm x 450mm size- Coloured		Piece	70.00
	(c) 250mm x 375mm size - White		Piece	40.00
	(d) 250mm x 375mm size- Coloured		Piece	45.00
11	COARSE SAND (Excluding Actual Bulkage)	1.9		
	For Agra & Mathura District		Cu.M.	2600.00

Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in Rs.
12	FINE SAND (Excluding Actual Bulkage)			
	(I) Local Sand	1.9	Cu.M.	1750.00
13	CEMENT			
	(I) Portland Cement (J.P., A.C.C., Birla, J.K.) O.P.C.	1.8	Bag	245.00
	(II) Cement (P.P.C.)		Bag	235.00
	(III) White Cement (J.K. or Birla Brand)	I.S. 8042-1978	Bag	590.00
14	SURKHI			
	Surkhi	1.13	Cu.M.	600.00
15	MARBLE/STONE TILES			
	(A) Marble white Alebeta 20mm thick, (60cm x 60cm Size)		Sq.M.	1750.00
	(B) Marble white Dhungri 20mm thick, (60cm x 60cm Size)		Sq.M.	1525.00
	(C) Marble white Adanga 20mm thick, (60cm x 60cm Size)		Sq.M.	1150.00
	(D) Black granite (Polished) in big slab 20mm thick		Sq.M.	3000.00
	(E) Black granite (Polished) in big slab 10mm thick		Sq.M.	1500.00
	(F) Kotastone of ASI (K) 16 to 24mm thick, 60cm x 60cm		Sq.M.	500.00
	(G) Kotastone of ASI (K) 25 to 40mm thick, 60cm x 60cm		Sq.M.	600.00
	(H) Baroda green 20mm thick, (60cm x 60cm Size)		Sq.M.	1100.00
16	PRECAST TILES			
	(i) Precast Terrazzo Tiles 20mm thick with gray cement (250mm x 250mm size)		Sq.M.	250.00
	(125mm x 250mm size)		Sq.M.	155.00
	(II) Precast Terrazzo Tiles 20mm thick white cement (250 mm x 250mm size)		Sq.M.	260.00
	(125mm x 250mm size)		Sq.M.	165.00
	(III) Chequered Terrazzo Tiles with grey cement (300 x 300mm)		Sq.M.	260.00
17	BELL/KAJARIA TILES/ROMANO SOMANY, ORIENT, ASIAN TILES / JOHNSON			
	(White Cloudy - ordinary colours)			
	(I) For Floor size 300 x 300mm- White	I.S. 777-1970	Each	50.00
	(II) For Wall-size 200 x 300mm - Coloured	I.S. 13755-89	Each	30.00
	(III) Vitrified Tiles 600 x 600mm (Thick 10mm)		Sq.M.	450.00
	(IV) For Floor size 300 x 300mm- White (Anti Skid Tiles)	I.S. 777-1970	Each	55.00
	(V) Vitrified Tiles 600 x 600mm (Anti Skid Tiles) (Thick 10mm)		Sq.M.	500.00
18	ALUM. DOOR FITTINGS			
	(A) I.S.I. Marked Aluminum Tower Bolt (with fixers)			
	(I) 10mm dia 80mm long		Dozen	360.00
	(II) 10mm dia 100mm long		Dozen	420.00
	(III) 10mm dia 150mm long		Dozen	540.00
	(IV) 10mm dia 200mm long		Dozen	660.00
	(V) 10mm dia 300mm long		Dozen	960.00
	(B) I.S.I. Marked Aluminum Sliding Bolt with nuts & bolts.			
	(I) Bolt 16mm dia 20mm long		Each	155.00
	(II) Bolt 16mm dia 250mm long		Each	175.00
	(III) Bolt 16mm dia 300mm long		Each	200.00
	(C) I.S.I. Marked Aluminum door Handle			
	(I) 100 mm long		Each	45.00
	(II) 125mm long		Each	55.00
	(D) Aluminum Door Stoppers		Each	60.00
19	OX. IRON FITTINGS (I.S.I. MARKED ONLY)			
	(a) Oxidized iron Tower Bolt with 10mm dia rod & screw 100mm long		Each	22.00
	(b) Oxidized iron Tower Bolt with 10mm dia rod & screw 150mm long		Each	33.00
	(c) Oxidized iron Tower Bolt with 10mm dia rod & screw 200mm long		Each	45.00
	(d) Oxidized iron Tower Bolt with 10mm dia rod & screw 250mm long		Each	65.00
	(e) Oxidized iron Tower Bolt with 10mm dia rod & screw 300mm long		Each	80.00
	(f) Oxidized iron Sliding Bolt with 10mm dia rod & screw 200mm long		Each	80.00
	(g) Oxidized iron Sliding Bolt with 10mm dia rod & screw 250mm long		Each	90.00

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Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in Rs.
	(h) Oxidized iron Sliding Bolt with 10mm dia rod & screw 300mm long		Each	95.00
	(l) Oxidized Door Handles with screw 100mm long		Each	40.00
	(j) Oxidized Door Handles with screw 125mm long		Each	55.00
	Note:- For other quality less 30% on above rate.			
20	MISC. FITTINGS			
	(a) I.S.I. Marked Iron Hinges 50mm long		Dozen	72.00
	(b) I.S.I. Marked Iron Hinges 63mm long		Dozen	90.00
	(c) I.S.I. Marked Iron Hinges 75mm long		Dozen	92.00
	(d) I.S.I. Marked Iron Hinges 100mm long		Dozen	132.00
	(e) I.S.I. Marked Iron Hinges 125mm long		Dozen	240.00
	(f) I.S.I. Marked Iron Hinges 150mm long		Dozen	330.00
	(g) Oxidized window catcher Right & Left		Each	18.00
	(h) Oxidized Iron Stay		Each	28.00
	(i) Iron Screw (Needle fold) 12mm		200 Nos	55.00
	(j) Iron Screws 15mm		200 Nos	65.00
	(k) Iron Screws 20mm		200 Nos	75.00
	(l) Iron Screws 25mm		200 Nos	100.00
	(m) Iron Screws 30mm		100 Nos	65.00
	(n) Iron Screws 35mm		100 Nos	70.00
	(o) Iron Screws 40mm		100 Nos	80.00
	(p) Iron Screws 50mm		100 Nos	100.00
	(q) Bolts & nuts upto 13mm dia		Kg	80.00
	(r) Above 6mm dia but upto 13mm dia		Kg	90.00
	(s) Above 13mm dia but upto 18mm dia		Kg	100.00
21	PAINT & DISTEMPERS			
	Oil Bound Distemper (Oil paste of best quality viz, Asian, Burger, J&N)			
	(a) white		5 kg pack	430.00
	(b) coloured		5 kg pack	450.00
	Lead White (Safeda)		Per KG	120.00
	Paints Synthetic Enamel (Superior Quality viz Asian, Burger, equivalent)		Per Litre	260.00
	Primer (for Wood)		Per Litre	170.00
	Primer (Red Oxide) (for Metal)		Per Litre	150.00
	Exterior Emulsion Pant (Apex)		20 Kg pack	4400.00
	Water Proof Cement Paint		Per Kg	60.00
22	IRON SHEETS			
	(a) Iron sheet Galvanized plain			
	(i) 22 gauge	10.22 (I.S.- 1987)	Quintal	6290.00
	(ii) 24 gauge	KST 440	Quintal	6400.00
	(b) Iron Sheet Galvanized corrugated 24gauge	KST 440	Quintal	6500.00
	(c) Iron Sheet Galvanized corrugated 18gauge	I.S.- 1852-1977	Quintal	6300.00
	(d) Galvanized Iron wire gauge (24x14) machine made		Sq.M.	150.00
	(e) Expanded metal 2.0cm. 16/17 gauge		Sq.M.	170.00
	(f) M.S. binding wire 20 gauge		Kg	64.00
23	MESHES			
	(i) Welded mesh 1" x 2" size of 10 gauge wire		Sq.M.	250.00
	(ii) Welded mesh 1" x 3" size of 10 gauge Wire		Sq.M.	330.00
	(iii) Welded mesh 2" x 2" size of 10 gauge Wire		Sq.M.	180.00
	(iv) Murga Jali 1/2" 24 gauge		Sq.M.	70.00
	(v) Mosquito/Fly Proof Stainless Steel grade 304 wire mesh gauge with 0.50 mm dia wire and 1.40mm wide aperture.		Sq.M.	600.00

15/11/2017



Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in Rs.
24	BOARD & DOORS (I.S.I. Marked)			
	(1) Plywood 10mm thick		Sq.M.	900.00
	(2) Plywood 6mm thick		Sq.M.	725.00
	(3) Flush Door 30mm thick Commercial (I.S.I. Marked)		Sq.M.	1000.00
	(4) Flush Door 35mm thick Commercial (I.S.I. Marked)		Sq.M.	1100.00
	(5) Flush Door 30mm thick Teak (I.S.I. Marked)		Sq.M.	1700.00
	(6) Flush Door 35mm thick Teak (I.S.I. Marked)		Sq.M.	1800.00
	(7) Fiber wood particle board 12mm thick		Sq.M.	390.00
	(8) Veneered particle board 12mm thick		Sq.M.	630.00
	(9) Veneered particle board 20mm thick		Sq.M.	750.00
	(10) Veneered particle board (Deco.) 12mm thick		Sq.M.	630.00
	(11) Teak wood particle board 19mm thick		Sq.M.	730.00
	(12) Teak wood particle board 19mm thick (Laminated on one side)		Sq.M.	710.00
	(13) Teak wood particle board 12mm thick		Sq.M.	450.00
25	MISCELLANEOUS			
	(1) G.I. Barbed wire (Hot Dip)	10.7 (I.S. 278)	Quintal	6500.00
	(2) Washer (Limpet)		100 Nos	50.00
	(3) Washer (Bitumen)		100 Nos	40.00
	(4) Washer G.I.		100 Nos	45.00
	(5) J. Hooks		Kg	90.00
	(6) Rope (Moonj)		Kg	70.00
	(7) Rope (Hemp)		Kg	90.00
	(8) Rope (Cotton)		Kg	85.00
	(9) Spun yarn		Kg	65.00
	(10) Rivets	10.2.2. I.S. 1148	Kg	110.00
	(11) Nails (Country)		Kg	120.00
	(12) Nails (wire) Galvanized		Kg	100.00
	(13) Tarfelt		Sq.M.	180.00
	(14) Pulley (For Rolling Shutter)		Each	300.00
	(15) Rolling Shutter 80X0.90mm lath		Sq.M.	1150.00
	(16) Rolling Shutter 80X1.25mm lath		Sq.M.	1525.00
	(17) Top Cover (For Rolling Shutter) 0.90 mm thick		R.M.	345.00
	(18) Top Cover (For Rolling Shutter) 1.25 mm thick		R.M.	370.00
	(19) Coil Spring (For Rolling Shutter)		Each	450.00
	(20) Ball Bearing (For Rolling Shutter)		Each	300.00
	(21) R.C.C. Jali 2.0 x 0.75 x 50mm		Sq.M.	170.00
	(22) R.C.C. Jali 1.25 x 0.60 x 40mm		Sq.M.	165.00
	(23) R.C.C. Jali 0.75 x 0.50 x 32mm		Sq.M.	160.00
	(24) Plaster of Paris		50 Kg	400.00
	(25) Hessian Cloth		Sq.M.	35.00
	(26) Perforated tiles 60cm x 60cm x 12mm thick for false ceiling		Sq.M.	300.00
	(27) Perforated decorative tiles 60cm x 60cm x 12mm thick for false ceiling		Sq.M.	520.00
	(28) Aluminum T- Channel 2mm thick		R.M.	100.00
	(29) Caustic Soda or Oxalic acid		Kg	70.00
	(30) Anodized Aluminum Sections			
	(a) 100 x 44.5 x 2mm thick		Kg	300.00
	(b) 83.5 x 44.65 x 2mm thick		Kg	300.00
	(c) 114 x 44.5 x 2mm thick		Kg	300.00
	(31) Powder Coated aluminium (minimum thickness of powder coating 50 micron).		Kg	350.00
	(32) Aluminum Channel Beading		R.M.	130.00
	(33) Rubber Beading		R.M.	75.00
	(34) Ballies (100mm average dia)		R.M.	60.00
26	Fuel wood		Quintal	800.00

Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in ₹
27	Wood			
	(a) U.P. Teak Wood (Cut to Size)		Cu.M.	100000.00
	(b) Sal wood (Cut to Size)		Cu.M.	65000.00
	(c) Sheesham (Cut to Size)		Cu.M.	55000.00
	(d) Country wood (Mango, Neem etc.) (Cut to Size)		Cu.M.	28000.00
	(e) Chir/Kail wood (battens & planks)		Cu.M.	50000.00
28	Extra Item			
	(1) A.C. Sheet 6mm corrugated		Sq.M.	250.00
	(2) A.C. Sheet Plain 4mm thick		Sq.M.	175.00
	(3) Aluminium curtain rod 20mm dia		R.M.	70.00
	(4) Curtain rod Bracket for 20mm dia		Pair	85.00
	(5) Fevicol SH		Kg	185.00
	(6) Fevicol SR		Kg	350.00
	(7) Metal Putty 250gm packet		Pkt	70.00
	(8) Dori cotton average 6mm dia		Kg	110.00
	(9) Aluminium Sheet 26 gauge		Sq.M.	300.00
	(10) Aluminium Sheet 24 gauge		Sq.M.	430.00
	(11) Sand Paper		Each	11.00
	(12) M-Seal 100 gm		Pkt	40.00
	(13) Teak wood beading size 20 x 45mm		R.M.	65.00
	(14) Teak wood beading size 20 x 25mm		R.M.	60.00
	(15) Teak wood beading size 20 x 15mm		R.M.	45.00
	(16) P.V.C. Low level Cistern's 10 litre capacity with all internal fitting perryware, cert, dip last, etc.)		Each	1800.00
	(17) Anti termite treatment oil		Litre	440.00
	(18) Bleaching powder		Kg	45.00
	(19) P.V.C. pipe 110mm dia I.S.I. Make(working presure 4kg/sqcm)		R.M.	270.00
	(20) P.V.C. pipe 90mm dia I.S.I. Make(working presure 4kg/sqcm)		R.M.	160.00
	(21) P.V.C. pipe 75mm dia I.S.I. Make(working presure 4kg/sqcm)		R.M.	120.00
	(22) P.V.C. Bend 100mm dia		Each	72.00
	(23) P.V.C. Bend 75mm dia		Each	65.00
	(24) P.V.C. Bend 50mm dia		Each	50.00
	(25) P.V.C. Socket 100mm dia		Each	55.00
	(26) P.V.C. Socket 75mm dia		Each	45.00
	(27) P.V.C. Socket 50mm dia		Each	28.00
	(28) P.V.C. pipe's jointing solution (Tube)		Each	440.00
	(29) Stainless Steel sink 600 x 450 x 200mm (ISI Mark)			
	(a) Without Drainage board		Each	2800.00
	(b) With Drainage Board		Each	3200.00
	(30) Stainless Steel sink with drainage Board 610x450x250mm 1mm thick (salem steel, ISO 9002)		Each	4000.00
	(31) Marble sink 24" x 18" x 18"		Each	1500.00
	(32) P.V.C. Water Storage Tank Syntex or Equivalent		Litre	8.00
	(33) Brass Sprindel for C.P. Pillar Cock		Each	100.00
29	Salwood Chaukhat 100 x 65 single rebate including joint treated with fevicol properly nailed with one coat of primer, black japan paints on wall side excluding cost of holdfast complete 100 x 65mm Single rebate (Tolerance 3mm)		R.M.	460.00
30	Salwood Chaukhat 120 x 65 single rebate including joint treated with fevicol properly nailed with one coat of primer, black japan paints on wall side excluding cost of holdfast complete 120 x 65mm Double rebate (Tolerance 3mm)		R.M.	550.00

Sl. No.	MATERIAL	PWD Specification No.	Unit	Rate in Rs.
31	Supply of RCC hume pipe NP-3 (Socket Hume Pipe)			
	350mm Pipe		Rm	1099.00
	450mm Pipe		Rm	1493.00
	600mm Pipe		Rm	1906.00
	900mm Pipe		Rm	4154.00
	1000mm Pipe		Rm	4771.00
	1200mm Pipe		Rm	6454.00
32	Pre-moulded Joint filler, 25 mm thick for expansion joint		Sqm	430.00
33	Joint sealant		Kg	180.00
34	Sealant primer		Kg	120.00
35	Plastic sheeting, 125 mm Micron thick		Sqm	25.00
36	Plastic sheat 1.25 mm thick for dowel bars		Sqm	30.00
37	Curing Compound		Liter	65.00
38	Super plasticizer admixture IS marked as per SI.9103-1999/2003		Kg	65.00

Notes-

- 1 Rates of all Material as above are inclusive of Contractor Profit except Item No. 1, 2, 3, 9, 11, 12 and 13.
- 2 5% Contractor Profit on Item No. 1, 2, 3, 9, 11, 12 & 13 may be given while taking the supply through some Agency other than direct supplier.
- 3 G.S.T. Shall be added on all above items as per applicable
- 4 The rates for Item No-1,2 (Bricks & Brick Ballast) are at Kiln including cartage upto 8th km. Loading unloading stacking, royalty etc complete.
- 5 The above rates are inclusive of octroi, royalty, Zila Parishad and all other taxes. but excluding Forest Transit Fees, Toll tax.
- 6 The rates of stone ballast, grit, stone khanda, cut stone boulder, coarse sand, local sand, moorum etc. are fixed at quarries loaded into Trucks. The material should be purchased from nearest approved quarry.
- 7 R.M.R. must be approved by competent authority before starting the work.
- 8 Transportation Charges for Item No-31 @ 15% upto distance of 100Km which shall not exceed 18% of the cost of goods beyond 100km.

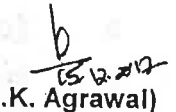

 15/12/2017
 (S.K. Agrawal)
 Superintending Engineer r
 Agra Circle PWD, Agra

 15/12/2017

CHAPTER - 2

LABOUR FOR ROAD & BUILDING WORKS

Sl. No.	Description	Unit	Rate in Rs.
1	2	3	4
1	Mistri/Mason 1st Class	Day	450.00
2	Mason :		
	(a) Ordinary	Day	400.00
	(b) For floor and tile work	Day	450.00
3	Carpenter (for furniture works)	Day	450.00
	Carpenter (for other works)	Day	400.00
4	Black Smith	Day	450.00
5	Hammer man	Day	350.00
6	Fitter	Day	430.00
7	Welder	Day	430.00
8	Painter for polishing work	Day	400.00
	Painter for painting work	Day	400.00
9	(a) Plumber Licensed with Kit	Day	450.00
	(b) Plumber helper	Day	310.00
10	Mate/ Agent	Day	320.00
11	Beldar/Chaukidar	Day	310.00
12	Mazdoor/Coolie	Day	300.00
13	Bhishti with Mashak	Day	320.00
14	White Washer	Day	320.00
15	Beldar for bitumenous work	Day	320.00
16	Glazier	Day	400.00
17	Two donkey with driver	Day	800.00
18	Amin/Tracer	Day	400.00
19	Mallah	Day	320.00
20	Jeep/Truck/tractor/Roller Driver	Day	400.00
21	Surveyer/ Draftman	Day	550.00
22	Armed guard	Day	400.00
23	Bullock cart	Day	750.00
24	Rivettor	Day	450.00
25	Sweeper		
	(a) Full Time	Day	350.00
	(b) Part Time	Day	250.00
26	Floor cutting M/c with operator but excluding Grinding stone	Day	800.00

Sl. No.	Description	Unit	Rate in Rs.
1	2	3	4
27	Tractor trolley with driver including P.O.L.	Day	1500.00
28	Tractor with water Tanker with driver including fuel & cost of water	Day	1600.00
29	J.C.B. Machine with driver including P.O.L.	Hour	1000.00
30	Road Roller with driver including P.O.L.	Day	2500.00
31	Jeep with driver but excluding Fuel	Day	1000.00
32	LABOUR RATES (FOR BRIDGE WORK ONLY)		
	(i) Mason (very Skilled)	Day	550.00
	(ii) Black Smith (very Skilled)	Day	600.00
	(iii) Welder (very Skilled)	Day	575.00
	(iv) Sinker (very Skilled)	Day	575.00
	(v) Sinking Helper (Skilled)	Day	450.00
	(vi) Labour/Beldar (Skilled)	Day	350.00
	(vii) Mate/Supervisor (very Skilled)	Day	575.00
	(viii) For heavy machines	Day	710.00
	(ix) Driver for heavy machines like cranes	Day	1000.00


 (S.K. Agrawal)
 Superintending Engineer
 Agra Circle PWD, Agra

**कार्यालय अधीक्षण अभियन्ता
लखनऊ वृत्त, लोक निर्माण विभाग, लखनऊ**

पत्रांक : 1832/2एम0-एल0वृत्त/2017-18

दिनांक : 15 अप्रैल, 2017

कार्यालय-ज्ञाप

इस कार्यालय के ज्ञाप सं0 3600/2एम0-एल0वृत्त/2015-16, दिनांक 29.0 2015 द्वारा इस वृत्तान्तर्गत मार्ग एवं भवन निर्माण कार्यों हेतु शेड्यूल आफ रेट्स निर्गत कि गया था, जो दिनांक 01.06.2015 से प्रभावी माना गया था। वर्तमान में श्रमिक एवं सामग्री दरों में वृद्धि हो जाने के फलस्वरूप शेड्यूल आफ रेट्स के चैप्टर-3 की कॉर्टेज मद की दरों पुनःनिर्धारण किया जाना अवश्यमावी हो गया है। दरों के पुनः निर्धारण पर व्यापक विचार-विम किये जाने हेतु दिनांक 15.04.2017 को पूर्वाह्न 12.00 बजे से इस कार्यालय में बैठक आहूत गई, जिसमें निम्न अधिकारियों ने प्रतिभाग किया :-

1. ई0 संजय कुमार गोयल, अधीक्षण अभियन्ता, लखनऊ वृत्त, लो0नि0वि0, लखनऊ।
2. ई0 राजीव कुमार, अधिशासी अभियन्ता, प्रान्तीय खण्ड, लो0नि0वि0, लखनऊ।
3. ई0 धर्मवीर सिंह, अधिशासी अभियन्ता, निर्माण खण्ड-1, लो0नि0वि0, लखनऊ।
4. ई0 अशोक कनौजिया, अधिशासी अभियन्ता, निर्माण खण्ड-2, लो0नि0वि0, लखनऊ।
5. ई0 अरविन्द कुमार, अधिशासी अभियन्ता, प्रान्तीय खण्ड, लो0नि0वि0, रायबरेली।
6. ई0 अजय कुमार, अधिशासी अभियन्ता, निर्माण खण्ड-1, लो0नि0वि0, रायबरेली।
7. ई0 जय सिंह, अधिशासी अभियन्ता, निर्माण खण्ड-2, लो0नि0वि0, रायबरेली।

अतः लोक निर्माण विभाग के शेड्यूल ऑफ रेट्स के चैप्टर-3 की कॉर्टेज मद दरों का पुनःनिर्धारण उच्च-स्तर से प्राप्त निर्देशों तथा उपस्थित अभियन्ताओं द्वारा सर्व-सम्मति लिये गये निर्णय के आधार पर वर्ष 2017-18 के लिए संलग्न सूची के अनुसार किया जाता। यह दरें दिनांक 15.04.2017 से प्रभावी होंगी। यह दरें आगणन गठन के लिए मान्य होंगे वित्तीय नियमों के अनुसार कार्य नियमानुसार प्राप्त की गयी प्रतिस्पर्धात्मक दरों पर ही सम्पादित कराया जाय।

संलग्नक :- सूची-01 पृष्ठ में।

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(संजय कुमार गोयल)

अधीक्षण अभियन्ता

लखनऊ वृत्त, लो0नि0वि0, लखनऊ

क्रमशः पृष्ठ

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

1. विशेष सचिव, लो०नि०वि०, अनुभाग-12, उ०प्र० शासन, लखनऊ।
2. सचिव, लखनऊ विकास प्राधिकरण, प्राधिकरण भवन, गोमतीनगर, लखनऊ।
3. निदेशक, राज्य मूल्यांकन एवं रचना प्रभाग, योजना भवन, लखनऊ।
4. प्रमुख अभियन्ता (विकास) एवं विभागाध्यक्ष, उ०प्र० लो०नि०वि०, लखनऊ।
5. प्रमुख अभियन्ता (परिकल्प एवं नियोजन), उ०प्र० लो०नि०वि०, लखनऊ।
6. प्रमुख अभियन्ता (ग्रामीण सड़क), उ०प्र० लो०नि०वि०, लखनऊ।
7. उप-निदेशक, उ०प्र० राज्य मण्डी परिषद, मण्डी भवन, लखनऊ।
8. प्रबन्ध निदेशक, उ०प्र० राजकीय निर्माण निगम लि०, लखनऊ।
9. प्रबन्धक निदेशक, उ०प्र० राज्य सेतु निगम लि०, लखनऊ।
10. मुख्य अभियन्ता (भवन), उ०प्र० लो०नि०वि०, लखनऊ।
11. मुख्य अभियन्ता (पी०एम०जी०एस०वाई०), लो०नि०वि०, लखनऊ।
12. मुख्य अभियन्ता (..... क्षेत्र), लो०नि०वि०,।
13. मुख्य अभियन्ता, नगर निगम, लखनऊ।
14. मुख्य कार्यपालक अधिकारी, उ०प्र० ग्रामीण मार्ग विकास अभिकरण (गन्ना संस्थान), न्यू बेरी रोड, लखनऊ।
15. महालेखाकार, उ०प्र० इलाहाबाद।
16. मुख्य प्राविधिक परीक्षक, प्राविधिक सम्परीक्षा कोष्ठ, उ०प्र० शासन, लखनऊ।
17. उप-निदेशक, उ०प्र० राज्य मण्डी परिषद, मण्डी भवन, लखनऊ।
18. अधीक्षण अभियन्ता, नियोजन/यातायात/अम्बेडकर सेल, कार्यालय प्रमुख अभियन्ता, लो०नि०वि०, लखनऊ।
19. अधीक्षण अभियन्ता, वृत्त, लो०नि०वि०,।
20. अधिशासी अभियन्ता, प्रान्तीय खण्ड/निर्माण खण्ड-1/2, लो०नि०वि०, लखनऊ/रायबरेली।
21. अवर अभियन्ता (प्र०), लखनऊ वृत्त, लो०नि०वि०, लखनऊ।

27/12/17
अधीक्षण अभियन्ता,
लखनऊ वृत्त, लो०नि०वि०, लखनऊ

CHAPTER-3 (CARTAGE)

S. NO.	DESCRIPTION OF WORK	P.W.D. Specification	Rate of Cartage	
			Per Cum/Km	Per Cum (Cummu.)
1	2	3	4	5
231 (a)	Cartage of Ballast, Kankar, Coal, Grit or Sand etc, including loading and unloading but excluding stackings on pucca roads.	3.1		
	1st k.m.		95.00	95.00
	2nd k.m.		22.70	117.70
	3rd k.m.		20.20	137.90
	4th k.m.		18.30	156.20
	5th k.m.		16.80	173.00
	6th k.m.		15.60	188.60
	7th k.m.		14.60	203.20
	8th k.m.		13.80	217.00
	9th k.m.		13.10	230.10
	10th k.m.		12.50	242.60
	11th k.m.		12.00	254.60
	12th k.m.		11.60	266.20
	13th k.m.		11.30	277.50
	14th k.m.		11.00	288.50
	15th k.m.		10.70	299.20
	16th k.m.		10.50	309.70
	17th k.m.		10.30	320.00
	18th k.m.		10.10	330.10
	19th k.m.		9.90	340.00
	20th k.m.		9.80	349.80
	21st k.m.		9.60	359.40
	22nd k.m.		9.50	368.90
	23rd k.m.		9.40	378.30
	24th k.m.		9.30	387.60
	25th k.m.		9.20	396.80
	26th k.m.		9.10	405.90
	27th k.m.		9.00	414.90
	28th k.m.		9.00	423.90
	29th k.m.		8.90	432.80
	30th k.m.		8.80	441.60
	31st to 40 k.m.		8.50	-
	41st to 50 k.m.		8.30	-
	51st to 75 k.m.		8.00	-
	76th to 100 k.m.		7.50	-
	101st to 200 k.m.		7.00	-
	201st to onwards.		6.00	-
S.I. No.	DESCRIPTION OF WORK	P.W.D. Specification	RATE METRIC SYSTEM	
1	2	3	UNIT	RATE
235 (a)	Loading and unloading of material like Ballast, Kankar, Coal or Grit etc, excluding their stacking.	3.5		
	(i) Loading		Per Cum	33.00
	(ii) Unloading		Per Cum	17.00

FOOT NOTE :-

1. Lead To & Fro has been taken in consideration when deciding the Cartage.
2. For Kachcha Roads : After deduction loading and unloading charges add 33-1/3% on the above rates for S.I. No. 231 (a).
3. Contractor Profit 10% inclusive in all above rates.

24/5/17
(संजय कुमार गोयल)
अधीक्षण अभियन्ता,

लखनऊ कृत्ता. लोडिंग/वि. लखनऊ

CHAPTER-4 EARTH WORK

Sl. No.	S.I.No	Description of the Items	PWD Specifi- cation No.	Unit	LABOUR RATE (Rs.)	OVER ALL RATE (Rs.)
1	2	3	4	5	6	7
4.01	251	Excavation in foundation in ordinary soil (Loam, Clay or Sand) Including lift upto 1.50 m and lead upto 30m and including filling watering and ramming of excavated earth into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer In-charge upto a distance of 30m from the foundation trenches.	4.1.1	Cum		130.00
4.02	252	As in Item 251 above but excavation in soil mixed with moorum shingle kankar requiring the use of special tools and Plants such a pick axes subbals etc.	4.1.3	Cum		135.00
4.03	253(a)	Earth work in cutting or in embankment in ordinary soil excavation to be in the form of a regular pits not exceeding 0.50m in depth and earth work in embankment to be in 20cm layers including rammling and dressing the surface to required levels and slopes and also including 1.5 m lift and 30m lead. The earth in form of cutting (b) to be used as spoil banks within 50m distance as directed by the Engineer-in-Charge.(Rates includes royalty of Rs. 30.00 earth but excluding cost of earth.)		Cum		145.00
	253(b)	Extra for Earth work in embankment mechanically compacted to 95% proctor density In ordinary soil, excavation to be done form of regular pits not exceeding 0.5mtr in depth and work embankment to be in 20cm layer including ramming and dressing pulverization the surf Including Supply of Labour, T&P, Roller and water sprinkler		Cum		30.00
4.03	254	Add to Item (251-252) to every additional 30m lead of part of 30m (100ft) or for every additional 1.5m (5ft) lift or part of 1.5m (5ft)		Cum		15.00
4.04	255	Sand filling in plinth excluding supply of necessary quantity of sand from a distance not exceeding 8 Kms from the side of work and including watering dressing etc. required for proper completion of work (Lead upto 30m & lift 1.5m) (labour only)	4.4	Cum		60.00
4.05	259	Cleaning Jungles including uprooting of trunk vegetation grass, bushes, wood trees and sapling of girth upto 30cm measured at a height of 1 meter above ground level and removal of rubbish upto a distance of 50 meters out side the periphery of area cleared.		Sqm		4.00

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CHAPTER-5 CONCRETE WORK

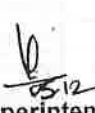
Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	273	Providing and laying cement concrete in 1:6:12 (1 cement : 6 fine sand : 12 graded stone aggregate 40mm nominal size) and curing complete, including cost of form work. In Foundation and floors. (Fine sand not less than in 1.25 FM)	4.1.11	Cu.M.	750.00	3700.00
2	274	Providing and laying cement concrete in 1:5:10 (1 Cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and curing complete, Including cost of form work. in Foundation and floors. (Fine sand not less than in 1.25 FM)	4.1.11	Cu.M.	780.00	3900.00
3	275	Same as Item to above but in 1:4:8	4.1.8	Cu.M.	780.00	4300.00
4	281	Same as Item to above but in 1:4:8 in coarse sand	4.1.8	Cu.M.	780.00	5100.00
5	280	Same as Item to above but 1:3:6 in fine sand	4.1.6	Cu.M.	780.00	4900.00
6	280(A)	Providing and laying cement concrete in 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) (not less than strength of M-10 concrete)and curing complete, Including cost of form work. in Foundation and floors.	4.1.5	Cu.M.	780.00	5800.00
7	279	Providing and laying cement concrete in 1:2:4 of not less than strength of M-150 Stone ballast (40 mm nominal size) approved coarse sand and cement, curing complete, Including cost of form work. In Foundation and floors.	4.1.4	Cu.M.	960.00	5800.00
8	279(a)	Same as Item No. 4 above but with 20mm. Nominal size stone grit in stead of 40mm stone ballast.	4.1.3	Cu.M.	960.00	6350.00
9	282	Cast Cement concrete door sills, chaukhats, boundry posts, shelves and smilar small work with cement, approved coarse sand and 2cm gauge stone grit in proportions of 1:2:4 excluding its fixing and binding the same with 24 B.W.G.G.I., blnding wire, moulds, all materials labour, Tools & Plants etc. required for proper completion of the work. The rate excludes making of drip course which shall be paid extra.	5.17	Cu.M.	960.00	6600.00
10	283	R.C.C. work with cement approved coarse sand and 2cm (3/4") gauge approved stone ballast in the proportion 1:2:4 (One part of Cement, Two Part of Coarse Sand and Four Part of 2cm Stone Grit) in lintels of doors and windows excluding supply of reinforcement and its bending and including its fixing and binding the same with 24 BWGI binding wire and including necessary centering and shuttering etc and also including supply of all materials labour and tools and plants etc. required to proper completion of the work/strength of the concrete shell not be less than M-15 grade.	5.1.4	Cu.M.	960.00	7100.00
11	284	As in Item 283 above but for slabs	5.1.4	Cu.M.	960.00	7700.00
12	284(a)	Same as Item No. 284 above but 1:1.5:3	5.1	Cu.M.	960.00	8350.00


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Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
13	285	As in Item 283 above but in lighter beams i.e. having spans upto 6m	5.1.4	Cu.M.	960.00	8250.00
14	286	As in Item 283 above but in heavier beams i.e. having spans more than 6m	5.1.4	Cu.M.	960.00	8500.00
15	287	As in item 283 above but in R.C.C. Raft foundation and footing with 4cm. Gauge approved stone ballast	5.1.4	Cu.M.	960.00	6200.00
16	288	As in Item 283 above but in R.C.C. T. beam and R.C.C. Column	5.1.4	Cu.M.	960.00	8250.00
17	289	As in item 283 above but in R.C.C. Column in 1:1.5:3	5.1	Cu.M.	960.00	8700.00
18	New	R.C.C. work in thin shelves as above in item 11 but 1:1.5:3 (about 2.5cm thick) including binding and fixing of reinforcement in position Including Cutting of wall. Fixing shelves to the satisfaction of engineer in charge Including cost of all materials centering and shuttering etc. but including cost of binding wire and fixing in position.	5.1	Sq.M.	260.00	425.00
19	New	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying including the cost of centering, shuttering, finishing and but excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retarder for setting of concrete/ improve workability without impairing strength and durability as per direction of Engineer-in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.				
		i) upto plinth level	5.33.1	Cum		8000.00
		ii) same as above but for M-30 grade.	5.34.1	Cum		8200.00
		iii) same as above but for M-35 grade.	5.34.2	Cum		8100.00
		iv) same as above but for M-40 grade.	5.34.3	Cum		8250.00
		i) Same as Above pinth level upto floor V level for M-25 grade	5.33.2	Cum		9400.00
		ii) same as above but for M-30 grade.	5.34.1	Cum		9450.00
		iii) same as above but for M-35 grade.	5.34.2	Cum		9550.00
		iv) same as above but for M-40 grade.	5.34.3	Cum		9600.00
20	New	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement :3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including finishing the top to give smooth finish and proper grade.	4.17	Sq.M.		425.00

CHAPTER-6
BRICK WORK

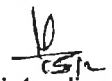

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	303	Class-150 (Non Modular) brick work in 1:6 cement and Coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	6.1.2	Cum	960.00	4500.00
2	303(a)	As in Item (303) above but in 1:6 cement and fine sand mortar. (Fine sand not less than in 1.25 FM)		Cum	960.00	4350.00
3	305	As in Item (303) above but in 1:4 cement and coarse sand mortar.	6.1.1	Cum	960.00	4700.00
4	305(a)	As in Item (303) above but in 1:4 cement and Fine sand mortar. (Fine sand not less than in 1.25 FM)		Cum	960.00	4570.00
5	307	As in Item (303) above but in 1:3 cement and coarse sand mortar.	6.1.1	Cum	1075.00	4950.00
6	309	Same as Item No. (303) above but in super structure above plinth level upto floor five level (upto five stories) including necessary cutting and moulding of brick work as required and also including honey combed brick work in thickness of wall more than 12cm. add to above items 1 to 3	6.4	Cum	360.00	360.00
7	310 A	As the item 2&3 above but in superstructure for wall thickness 12cm. and below add extra.	6.13	Cum	510.00	510.00
8	310 B	As the item 2&3 above but in superstructure for wall thickness 8cm. and below add extra.	6.13	Cum	550.00	550.00


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 Agra Circle P.W.D. Agra


 15/12/2017

CHAPTER-7
DAMP-PROOF COARSE

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	361(A)	Providing and laying D.P.C. 25mm thick with Cement concrete Consisting of One Part Cement, 1.5 Part of Coarse Sand and three part of approved 10mm grade stone grit and including water proofing material as directed by the Engineer-In-Charge in the proportion as specified by the manufacturer.	4.10	Sqm	70.00	260.00
2	361(B)	Providing and laying D.P.C. 40mm thick with Cement concrete Consisting of One Part Cement, 1.5 Part of Coarse Sand and three part of approved 10mm grade stone grit and including water proofing material as directed by the Engineer-In-Charge in the proportion as specified by the manufacturer.	4.10	Sqm	85.00	370.00
3	362	Painting on D.P.C. with two coats of air blown bitumen VG-10 grade @ 1.70Kg/Sqm approximate including cost of fuel if any.	4.13	Sqm	35.00	130.00


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 15/12/2011

CHAPTER-8
ANTI TERMITE TREATMENT

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	New	Antitermite treatment of along external wall where the apron is not provided using chemical emulsion @ 7.5 litres / sqm of the vertical surface of the substructure to a depth of 300 mm including excavation channel along the wall & rodding etc. complete:				
		With Chlorpyriphos / Lindane E.C. 20% with 1 % concentration		Sqm	-	150.00
2	New	Antitermite treatment of soil under floors using chemical emulsion @ one litre per hole, 300 mm apart @ 100 Nos Holes per 9.00 Sqm. including drilling 12 mm diameter holes and plugging also to match the floor properly :				
		With Chlorpyriphos / Lindane E.C. 20% with 1 % concentration		Sqm	-	175.00

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15/12/2017
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
CHAPTER-9
DOORS & WINDOWS

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	470	Supply and fixing of flush doors , commercial quality conforming of I.S. 2202 part-1 (1983) including fixing of wooden cleats and stoppers and including fixing and adjustment of hinges, bolts, locks, handles, springs, fitting with necessary screws to be supplied departmentally				
		(A) 32mm thick	9.21.2	Sq.M.	280.00	1620.00
		(B) 40mm thick	9.21.1	Sq.M.	280.00	1830.00
		(C) For double leaf shutters add extra in over all rates.		Sq.M.	70.00	165.00
2	New	Same as Itme No-1 & Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).		Sq.M.	50.00	300.00
3	New	Same as Itme No-1 & Extra for providing vision panel not exceeding 0.1 sqm in all type of flush doors (cost of glass excluded) (overall area of door shutter to be measured) : Rectangular or square		Sq. M.	30.00	130.00
4	New	P/F 30mm thick plain factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both sides forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both sides of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail. paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.		Sq. M.	780.00	2350.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
5	New	Providing & Fixing 1.00mm thick decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.		Sq. M.	225.00	630.00
6	New	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	A	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)		Kg	120.00	380.00
	B	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Powder coated aluminium (minimum thickness of powder coating 50 micron)		Kg	145.00	500.00
7	New	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per (Cost of aluminium snap beading shall be paid in basic item):				
		i) With float glass panes of 4.0 mm thickness		Sq. M.	225.00	785.00
		ii) With float glass panes of 5.5 mm thickness		Sq. M.	230.00	900.00
		iii) With float glass panes of 8.0 mm thickness		Sq. M.	360.00	1225.00
8	New	Providing and fixing glazing in Z-section, windows, doors, ventilator shutters and partitions etc. with Glass putty/beading etc. complete.				
		i) With float glass panes of 4.0 mm thickness		Sq. M.	225.00	680.00
		ii) With float glass panes of 5.5 mm thickness		Sq. M.	235.00	790.00
		iii) With float glass panes of 8.0 mm thickness		Sq. M.	375.00	1140.00

15/11/2019

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
9	New	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315 , having brand logo embossed on the body/ plate with double spring mechanism and door weight upto 125 kg, for doors including cost of cutting floors ,embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete.				
		With stainless steel cover plate minimum 1.25 mm thickness		Each	725.00	2400.00
10	New	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).		Sq. M.	1475.00	4875.00


 15/12/2012
 Superintending Engineer
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 15/12/2012

CHAPTER- 10 **MILD STEEL AND IRON WORK**

SI. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1a	502	Mild steel and iron work of small size and section such as holding down Bolts, hold fasts, tierods, grating, etc. (When not included in and over all rates) brought to required form including supply of steel and its wastage including cost of bolts, nuts if required for proper completion of work including fabrication of holes in door chaukhats and nosing.	10.1	Kg		
b-		Fabrication of shuttering plates .	10.1	Kg		
c-		Fabrication of grill/stairs case railing	10.1	Kg		
d-		Fabrication of Z-Section steel windows including necessary steel fitting such as handles stay etc.				
		(1) Fixed		Kg		
		(2) Openable		Kg		
2-	503	Mild steel or iron work in heavy sizes such as trusses, built up gates record rack, roof work, gates etc. brought to required form including drilling holes rebitting or welding where necessary, and also including supply of steel bolts, nuts, wastage etc. and their fixing require for proper completion of the work.	10.22	Kg		
3-	504	Reinforcement of Reinforced concrete or reinforced brick work (When not included in and an over all rates) brought to required shape as necessary including bending for proper completion of the work and including the supply of steel and its wastage Bend, hooks, Binding wire and authorized over lapping shall be measured upto floor two level.				
		(1) 8mm tor (TMT Bars) Fe-415			Qtl.	
		(2) 10mm to 12mm tor (TMT Bars) Fe-415			Qtl.	
		(3) 16mm to 32mm tor (TMT Bars) Fe-415			Qtl.	
		NOTE:- An increase of Rs. 7.00 per Qtl. floor will be allowed after floor two level labour rate does not include cost of binding wire and other materials				
4-	518	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with top and bottom rails of Trion 40x40x6 mm with 38mm dia steel pulleys with bolts, nuts locking arrangement, stoppers, handles complete including applying a priming coat of approved lead paint.	10.3	Sq.M.		

Analysis By
As Per Current
Market Rates

Signature
15/12/2012

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
5-	520	Supplying and fixing rolling shutters of approved make made of 8.25mm (3") x18 gauge cold rolled M.S. path interlocked through out their entire length and joined together at the end by end locks and mounted on specially designed pipe shaft with brick etc. side guides and arrangement for inside and out side locking with push and pull operation complete with excluding the cost of top cover and spring.				
			10.6.1	Sq.M.		
6-	521	Providing and fixing 27.52 cm long wire spring grade 2 for rolling shutters.		Each		
7-	522	Providing and fixing top cover for rolling shutters made of 18 gauge M.S. gauge.	10.16	RM		
8-	523	Providing and fixing ball bearing for rolling shutters.	10.17	Each		
9-	524	Extra add pf S.I. No. 520 for providing mechanical device , chain and crank operation for rolling shutters.				
		(A) Shutter above 11.2 Sq.M. (120 sft) but upto 16.8 Sq.M. (180 sft) area.	10.8.2	Sq.M.		
		(B) Shutter above 16.80 Sq.M. (180sft) area.	10.8.1	Sq.M.		
10-	11.14	Fixing to steel or wooden chaukhats in position.				
		(A) Door chaukhats/window chaukhats above 1.5 Sq.m. and upto 5 Sq.M.		Each		
		(B) Window chaukhats above 1.5 Sq.M.		Each		
		(C) Ventilator chaukhats		Each		
		(D) Staircase nosing.		Each		
11-	5.13	Providing barbed iron wire fencing including fixing it to post after stretching it including labour and tools and plants etc. required for proper completion of the work also including supply of wires and excluding supply of posts.		R.M.		
12-		Pressed steel chaukhat				
	New	Supply of M.S. Steel 18 gauge (1.25mm) pressed steel door chaukhat including S/F of iron hinges of 100x3 mm I.S.I. Mark with drilling holes for L-drop and pipes 15x12mm cleats for tower bolt and 40x6 mm hold fast 230mm long including supply of all materials, labours T&P carriage upto site required for proper completion of work as per direction of E/I.				
		(a) Section 120x50mm for double revet door chaukhat with 12 hinges.		R.M.		
		(b) Same as Item (a) above but with 6 hinges.		R.M.		
		(c) Section 100x50mm for single revet door chaukhat with 6 hinges.		R.M.		
		(d) Same as Item (c) above but with 3 hinges.		R.M.		
13-	New	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	10.16.1	Kg		

Analysis By
As Per Current
Market Rates

14/12/2017

SI. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
14-	New	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	10.28	Kg	Analysis By As Per Current Market Rates	
15-	New	S/F fly and mosquito proof stainless steel grade 304 wire mesh gauge with 0.50mm dia wire and 1.40mm wide aperture with matching wood beading etc complete.	9.7.8	Sqm		

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CHAPTER- 11 ROOF WORK

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Painting top roofs with bitumen of approved quality @ 1.70 Kg. Per Sq.M. impregnated with a coat of coarse sand @ 0.60 Cu.M. per 100 Sq.M. including cleaning the slab surface with a piece of cloth lately soaked in kerosene oil complete.		Sq.M.	25.00	130.00
2	539	Making expansion and contraction joint in terraced roof parapit type including supply of necessary quantity of filler, tarfelt, brick tile all materials, labour, tool and plants etc required for proper completion of the work.	11.10	R.M.	75.00	500.00
3	New	Providing and filling in position bitumen mixfiller of proportion 80kg of hot bitumen, 1kg of cement and 0.025 Cu.M. of coarse sand in expansion joints in width upto 2.5 cm, depth upto 15cm. Excluding cost of materials but including cost of fuel.		R.M.	5.00	27.00
4	New	P/L integral cement based water proofing treatment BIRCK KOBA including preparation of surface as required for treatment of roofs, consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 including adjoining walls upto 300 mm height. (b) Laying brick bats with mortar with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 to required slope including rounding of junctions of walls and slabs (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final be flooded with water for a minimum period of two weeks for curing and for final test. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.		Sq. M.	200.00	850.00
5	New	Providing 3&4mm thick corrugated/Plain Fiber Polyvinyl sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with G.I. limpet washers or with G.I. limpet washers filled with white lead, including cost of all materials, Labor, T&P complet.		Sq. M.	140.00	900.00
5a	New	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.		Sq. M.	140.00	900.00

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Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
	I	1.00 mm thick with zinc coating not less than 275 gm/m ²		Sq. M.	130.00	1000.00
	II	0.80 mm thick with zinc coating not less than 275 gm/m ²		Sq. M.	130.00	850.00
	III	0.63 mm thick with zinc coating not less than 275 gm/m ²		Sq. M.	130.00	740.00
6	New	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with nonwoven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/ sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5 cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :		Sq. M.	105.00	480.00
7	New	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 mx1 mx400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges, making and finishing the outlet complete.		Each	70.00	190.00
8	New	Providing and fixing in position 12 mm thick bitumen impregnated fibre board conforming to IS: 1838, including cost of primer, sealing compound in expansion joints.		Sq. M.	50.00	420.00
9	New	Providing and fixing in position couper plate as per design for expansion joints.		Kg	30.00	360.00
10	New	Providing and fixing Aluminium fluted strips sheet covering over expansion joints with iron screws as per design. 3.15 mm thick 150 mm wide		RM	30.00	350.00
11	New	S/F of cinder for sunken portion of toilets and kitchen as per directions of E/I.		Cum	135.00	1100.00

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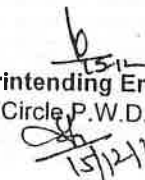
CHAPTER- 12
CEILING AND LINING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	New	Providing and fixing 12mm thick fibre hard board sheet lining with but jointing and nails (Frame work and cover fillets to be measured and paid for separately)		Sq.M.	60.00	520.00
2	New	(a) Providing and fixing veneered particle board 12mm thick lining with but jointing and nails (Frame work and cover fillets to be measured and paid for separately)		Sq.M.	110.00	625.00
		(b) 20mm thick particle board.		Sq.M.	110.00	675.00
3	New	Providing and decorative type veneered particle board 12mm thick lining with but jointing and nails (Frame work be paid separately)		Sq.M.	110.00	625.00
4	New	Providing and fixing 12mm thick plywood lining with but jointing and nails (Frame work and cover fillets to be measured and paid for separately)		Sq.M.	110.00	975.00
5	New	Providing and fixing 12mm thick POP (Gypsum anhydrous) ceiling tiles upto height of 5 meters upto floor level over wooden frame and rendered smooth with plaster of Paris. (Frame work to be measured and paid for separately.)		Sq.M.	110.00	525.00
6(a)	New	Perforated ceiling tiles : Providing and fixing in position teak wood perforated particle board ceiling tiles bonded with B.W.P. type Phenol formaldehyde synthetic rains tile in size 60x60x12mm over kail wood timber frame of 50x30mm section and suspended from the roof with the help of flat iron hangers of size 20x44mm on under side leaving and expansion gap of 6mm and with provision for providing necessary fighting fixtures including three coats of flat oil paint of approved quality and shade and a coat of pink primer/copal varnish of the side facing the roof as per direction given by Engineer In Charge.		Sq.M.	330.00	1000.00
6(b)		Same as above but with decorative ceiling tiles.		Sq.M.	345.00	1050.00
7(a)	New	Wooden Partition: Providing and fixing in position 38mm thick single skin partition with fiber of particle board frame of 900x 400mm section of 75x38mm and fixing (Panelled type) 19mm thick teak wood particle board bounded with phenol formaldehyde synthetic resin both face commercial confirming to ISI specification no. 3097-1980 as per drawing complete with painting/French polish/wax polish or as per direction given by Engineer In Charge.		Sq.M.	360.00	1325.00
7(b)		Same as in Item No. 7(a) above. but with 19mm thick teak wood particle board laminated on both faces.		Sq.M.	720.00	2550.00
8(a)	New	Providing and fixing in position double skin wooden partition with fiber or particle board frame of 900 x 1200mm rectangular of section 50 x 38mm covered with 12mm thick teak wood particle board commercial quality of both face duly painted two coats of high gloss synthetic enamel paint over on priming complete.		Sq.M.	520.00	2150.00
8(b)		Same as in Item No. 8(a) above but covering with 12mm thick teak wood particle board laminated on both faces.		Sq.M.	570.00	2150.00

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Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
9(a)	New	Wall Paneling : Providing and fixing in position wall panels of plain teak wood particle board 12mm thick bonded with B.W.P. type Phenol formaldehyde synthetic resin tiles kail wood frame and provision for providing switch board fixtures etc. as per drawing complete with polishing and fining with Fremg wax polish as per direction given by Engineer-In-Charge.		Sq.M.	360.00	1530.00
9(b)		Same as in Item No. 9(a) above but with one side laminated instead of plain board.		Sq.M.	375.00	2050.00
10	551	Supply and fixing of 2.5Cm. Thick deodar wood plains, ceiling including supply of beading 2.5Cm. X 4Cm. (1" x 1 1/2") of deodar wood over joints but excluding cost of ceiling joints if and when necessary but including cost of material, labour & T&P etc. required for proper completion of the work.		Sq.M.	220.00	1550.00
11	552	Same as Item No. 551 above but of C.P. teak wood.		Sq.M.	235.00	3050.00
12	553	As per Item No. 551 above but kail or cheer wood.		Sq.M.	185.00	725.00
13	554	Supply and fixing A.C. Plain sheet ceiling including beading 2.5cm x 4cm (1"x1 1/2") of deodar wood, screws, bolt and all material, labour, T&P etc. complete, excluding cost of ceiling joints if any required for proper completion of work.		Sq.M.	90.00	375.00
14	New	P/F 12.50mm thick tapered eadge gypsum plain board conforming IS : 2095-Part-I false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm, at 1200 mm centre to centre; one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :	12.45	Sq. M.	180.00	725

SI. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
15	New	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm centre to centre and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.	12.52	Sqm	320.00	1550.00


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CHAPTER- 13 PLASTER & POINTING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	582	12mm thick Cement plaster in single coat of fair side of single of half brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80mm. In girth and finished even and smooth No. extra for mixing any additive.				
		(I) 1 cement : 3 coarse sand		Sq.M.	70.00	170.00
		(II) 1 cement : 4 Coarse sand		Sq.M.	70.00	150.00
		(III) 1 cement : 6 Coarse sand		Sq.M.	70.00	135.00
		(IV) 1 cement : 4 fine sand (Not Less than in 1.25FM)		Sq.M.	70.00	140.00
		(V) 1 cement : 6 fine sand (Not Less than in 1.25FM)		Sq.M.	70.00	125.00
2	583	15mm thick Cement plaster in single coat on rough side of single or half brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and rounded angles not exceeding 80mm. In girth and finished even and smooth.				
		(I) 1 cement : 3 coarse sand		Sq.M.	80.00	180.00
		(II) 1 cement : 4 Coarse sand		Sq.M.	80.00	160.00
		(III) 1 cement : 6 Coarse sand		Sq.M.	80.00	150.00
		(IV) 1 cement : 4 fine sand (Not Less than in 1.25FM)		Sq.M.	80.00	150.00
		(V) 1 cement : 6 fine sand (Not Less than in 1.25FM)		Sq.M.	80.00	135.00
3	590	20mm thick cement plaster in two coats backing coat 17mm and finishing coat 3mm thick of neat cement and marble dust in ratio 5:1 on rough side of single or half brick interior plastering upto floor two level including internal rounded angles.				
		(I) 1 cement : 3 coarse sand		Sq.M.	85.00	275.00
		(II) 1 cement : 4 coarse sand		Sq.M.	85.00	225.00
4		6mm thick plastering on ceilings and soffits of stairs upto floor two level instead of plastering in walls.				
		(V) 1 cement : 3 fine sand (Not Less than in 1.25FM)		Sq.M.	85.00	130.00
5	598	Making grooves 10 to 12mm wide x 8mm deep in plaster of the wall or in ceiling vertically or horizontally as required.		R.M.	25.00	2.00
6		Making drip course in sunshade or FACIA as per direction as Engineer-In-Charge including supply of all material, labour etc. required for proper completion of work.		R.M.	8.00	10.00
7	571	Pointing on brick work with cement mortar 1:3 (1Cement : 3 Coarse Sand)				
		(A) Flush pointing		Sq.M.	80.00	11.00
		(B) Ruled pointing		Sq.M.	85.00	120.00
8	578	Pointing on brick work on eadge floor with cement mortar 1:2 (1cement :2 coarse sand)				
		(A) Flush pointing		Sq.M.	80.00	14.00
		(B) Ruled pointing		Sq.M.	85.00	155.00
9	572	Pointing on brick work on eadge cement mortar 1:4 (1Cement : 4 Coarse Sand)				
		(A) Flush pointing		Sq.M.	80.00	11.00
		(B) Ruled pointing		Sq.M.	85.00	115.00

CHAPTER- 14 FLOORING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	600	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone of size 12.5mm nominal size) laid in one layer finished with floating coat of neat cement (25mm thick floor)		Sq.M.	95.00	255.00
2	665	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone of size 20mm nominal size) laid in one layer finished with floating coat of neat cement (40mm thick floor)		Sq.M.	110.00	360.00
3	612	Brick on edge floor with class-150 brick laid in cement mortar consisting of one part of cement and 6 part fine sand of fineness modulus 1.25 and pointed with cement mortar 1:2 over 8cm thick base concrete (pointing and base concrete to be paid separately) including supply of all material, labour and tools and plants etc. required for completion of the work.		Sq.M.	75.00	550.00
4	617	Same as Item No. 612 but bricks laid flat		Sq.M.	65.00	450.00
5	615	Brick on edge Kharanja with Class- 150 brick laid dry joints sand filled Including preparation of base to proper slope and its ramming supply of all material, labour, T&P etc. required for proper completion of work.		Sq.M.	60.00	470.00
6	619	Same as Item No. 615 but brick laid flat		Sq.M.	55.00	345.00
7	628	Supply of fixing 6mm (1/4") thick china white glazed tile in flooring or dado laid with 1:3 cement and approved coarse sand mortar finished with white cement jointed and polishing complete including supply of all materials, labour for proper completion of the work.		Sq.M.	200.00	900.00
8	New Item	(a) P/L 18mm Black Granite stone (super quality) flooring over 25mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry including rubbing and polishing complete.		Sq.M.	750.00	3600.00
9		P/L 18mm white marble stone (super quality) flooring over 25mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry including rubbing and polishing complete.		Sq. M.	700.00	2 100.00
(A)	New Item	Same as above but for Rajnagar Stone		Sq. M.	700.00	2 800.00
(B)	New Item	Same as above but for white Agaria stone		Sq.M.	400.00	1 190.00
10	New Item	Providing and Laying 25mm kota stone flooring over 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid over jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete.		Sq.M.	350.00	650.00
11	New Item	Kota stone slab 20mm thick in risers of steps, skirting dado and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.		Sq.M.	350.00	650.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
12	New Item	18mm thick marble tiles in risers of steps skirting dado wall and pillars laid on 10mm thick cement mortar 1:3 (1 cement : 3 coarse sand) jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing complete.		Sq.M.	490.00	1480.00
13	New Item	Providing and laying Vitrified tiles in floor of 500x 500mm sizes (thickness 10mm), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in desired colours and shades, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, including grouting of joints.	11.46.1	Sq. M.	380.00	1250.00
14	New Item	Same as above but for 600X600mm size.		Sq. M.	380.00	1550.00
15	631	Providing and fixing glass strips of 4mm thick in joints of floor and skirting at the time of laying Including labour, T&P etc. complete in all respect.				
		(a) 2.2 Cm depth		RM	4.75	15.00
		(b) 3.5 Cm depth		RM	4.75	16.00
		(c) 2.2 Cm depth & 5mm thickness		RM	4.75	20.00
		(d) 3.5 Cm depth & 5mm thickness				
16	New Item	15mm cement concrete topping 1:2 (1 cement : 2 aggregate of size 4.75mm and below by volume) laid over and finished monolithic with structure slab.		Sq.M.	45.00	170.00
17	New Item	Same as item 16 but by monolithic with base concrete including fixing of glass strip as direction by Engineer-In-Charge.		Sq.M.	40.00	185.00
18	New Item	S/F Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).		Sqm	185.00	1000.00

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CHAPTER- 15
PAINTING & DISTEMPERING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1a	New 641	Applying priming coat over new steel and other metal surface upto 10cm. In width or girth or small not exceeding 0.10 Sq.M. area after and including preparing the surface by thoroughly clearing oil, grease, dirt and other foreign matter and scoured with wire brushed, fine steel/wood. Scraper, sand papering and knotting including cost of all materials, labour T&P etc. required for proper completion of work.		Sq.M.	12.00	24.50
1b	New	Same as in item (a) above but on new wood surfaces .		Sq.M.	12.00	26.00
2a	New	Painting 1st coat over priming coat (but excluding cost of priming coat) on steel and other metal surfaces upto 10cm width or girth or small articles not exceeding 0.10 Sq.M. in area with superior synthetic enamel such as Luxol 3, Hi gloss Apcolite, Superlac, Dulux specified brushing to give and even shade and including the cleaning the surface of all dirt, dust and other foreign matter sand papering and scrapping including cost of all materials; labour, tools and plants etc. required for proper completion of work.		Sq.M.	12.00	35.00
2b	New	Same as in item 2(a) above but on new wood surfaces .		Sq.M.	12.00	38.00
3	642	Extra over item 2(a) and 2(b) above but for every coat of paint after first coat .	15.1.2	Sq.M.	11.00	32.00
4a	643	Same as item 2a and 2b above but for every coat on previously painted old Wood & Steel Work	15.1.3	Sq.M.	12.00	35.00
4b	644	Same as above item 4(a) but with ready mixed paint confirming to I.S. 103-1950			12.00	40.00
5a	New	Applying priming coat as in Item 1(a) above but surface over 10cm. Width or girth .		Sq.M.	12.00	35.00
5b	New	Same as in item (5a) above but on new wood surfaces		Sq.M.	12.00	38.00
6a	New	Painting first coat as in item 2(b) above surface over 10cm. Width or girth .		Sq.M.	12.00	38.00
6b	New	Same as above in item 6(a) but on wood surfaces .		Sq.M.	12.00	35.00
7	283	Extra over item 6(a) and 6(b) above for every coat of paint after first coat		Sq.M.	12.00	30.00
8a	646	Same as item 6(a) and 6(b) but every coat on previously painted old surface .		Sq.M.	12.00	30.00
8b	645	Same as item 8(a) but with ready mixed paint as per I.S. 103-1950		Sq.M.	12.00	23.00
9	649	Distempering (first coat) with oil bound distemper of approved brand and manufacture and of required shade on undercoated wall surface to give an even shade over & including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N, Shalimar, Asian, paints after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even with plaster of approved synthetic material and sand papered smooth including cost of all materials.		Sq.M.	18.00	48.00
10	650	As in item No. 649 above but for every coat after first coat of subsequent coat .		Sq.M.	11.00	21.00
11	652	First coat hot bitumen on new wood and wood based surfaces using 0.16 kg of bitumen per Sq.M. to give an even shade including cleaning of all dirt, dust and other foreign matter including cost of all material	15.5.1	Sq.M.	8.00	16.00
12	653	As in item no. 652 above but for every coat after first coat using 0.12kg of coaltar per Sq.M.	15.5.2	Sq.M.	7.00	11.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
13	654	Applying first coat of any approved preservative on new wood work and wood based surfaces including preparing the surface by thoroughly cleaning oil, grease, dirt and foreign matter sand preparing and knotting including cost of all materials.		Sq.M.	11.00	26.00
14	655	As in Item no. 654 above but for every coat after first coat or on previously treated surface.		Sq.M.	11.00	22.00
15	656	Oiling wood work with double boiled linseed oil to give an even surface including cleaning the surface of all dirt dust and sand papered so as to produce a smooth dry and matt surface including cost of all materials.		Sq.M.	6.00	12.00
16	657	Removing oil paint or varnish from steel and other metal surface of from wood based surface with paint remover of approved brand and manufacturer or with caustic soda and making the surface even including cost of all materials.		Sq.M.	8.00	15.00
17	658	Polishing with French polish (in proportion 2 bees wax : 1.5 linseed oil : 1 turpentine oil : 0.5 varnish by weight) on new wood based surface including cleaning the surface of all dirt dust and same papered smooth and a coat of wood filler including cost of all material		Sq.M.	18.00	59.00
18	659	As in item no. 658 above but polishing on previously polished wood and wood based surface (wax polish in proportion 2 turpentine oil : 0.5 varnish by weight)		Sq.M.	10.00	30.00
19	660	Finishing walls with water proofing cement paint of approved make such as Super snowcem, Durocem, Robiance, Guttucem, Supercem quality and of required shade on undecorated wall surface (One coat) over and including one coat white cement primer to give an even shade after thoroughly after brushing the surface to.		Sq.M.	14.00	55.00
20	661	Same as item no. 660 above but for each coat of waterproof cement paint after the first coat to give an even shade.		Sq.M.	6.00	25.50
21	New	Finishing walls with sandlex matt. Coat over a priming coat of water proof cement paint of approved quality such as super "Snowcem Durocem" super quality of required shade on undecorated wall surface to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered material including curing the cost of all material, labour, T&P etc. complete.		Sq.M.	28.00	100.00
22	662	Finishing walls with one coat of waterproof cement paint of approved quality on previously old treated surface with this paint to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powder material including curing and cost of all materials.		Sq.M.	10.00	35.00
23	New	Wall painting (one coat) with plastic emulsion paint of approved brand and manufacture on decorative wall surface to give an even shade including thoroughly brushing the surface clean all of dirt, grease loose pieces and prepare smooth.		Sq.M.	18.00	95.00
24	New	Extra over item no. 23 above and for every subsequent coat of wall painting with plastic emulsion paint of approved brand and manufacturer.		Sq.M.	12.00	65.00
25	New	Sprit polish including sand papreing cleaning the surface properly and then applying the sprit polish colour with shining finishing supply of all labour material and T&P required for proper completion of work.	13.68			
		(a) New Surface		Sq.M.	25.00	400.00
		(b) Old Surface		Sq.M.	20.00	150.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
26	New	Finishing walls with POP approved brand and manufacture and of required shade on undacored wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.		Sqm	45.00	120.00
27	New	Finishing walls with Putty approved brand and manufacture and of required shade on undacored wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.		Sqm	45.00	130.00
28	New	Finishing walls with Textured exterior paint @ 3.28 Ltr. per 10Sqm of approved brand and manufacture and of required shade on undacored wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.for two coat.over one coat of primer applied 2.20Ltr 10 Sqm.	13.45.1	Sqm	45.00	130.00
29	New	Finishing walls with deluxe mulitsurface paint @ 1.25 Ltr. per 10 Sqm of approved brand and manufacture and of required shade on undacored wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.for two coat.over one coat of primer applied 0.75Ltr per 10 Sqm.	13.48.1	Sqm	30.00	85.00
30	New	Finishing walls with acrylic emulsion paint of approved brand and manufacture and of required shade on undacored wall surface to give even shade over including curing and cost of all material, labour, T&P etc. required for proper completion of work.for two coat.	13.60.1	Sqm	25.00	67.00
31	New	Finishing walls with exterior emulsion paint (Apex) of approved brand and manufacture and of required shade on undacored wall surface to give even shade over @ 1.25 Ltr/10sqm including one coat of primer applid @ 0.75Ltr/10sqm coat curing and cost of all material, labour, T&P etc. required for proper completion of work.for two coat.		Sqm	45.00	130.00
32	New	Washed stone grit plaster on exterior walls height upto 10 metre above ground level, in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand), furrowing the under layer with scratching tool, applying cement slurry on the under layer @ 2 Kg of cement per square metre, top layer 15 mm cement plaster 1:1/ 2:2 (1 cement: 1/2 coarse sand : 2 stone chipping 10 mm nominal size), in panels with groove all around as per approved pattern, including scrubbing and washing the top layer with brushes and water to expose the stone chippings ,complete as per specification and direction of Engineer-in- charge (payment for providing grooves shall be made separately).	13.72	Sqm	155.00	420.00

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CHAPTER- 16
WHITE WASHING & COLOUR WASHING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	671	White washing with lime on undecorated wall surface (one coat) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drop and loose scales of lime wash and other foreign matter.	13.38	Sq.M.	3.00	6.00
2	672	White washing with lime on undecorated wall surfaces (Two coat) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drop and loose scales of lime wash and other foreign matter.	13.37	Sq.M.	4.50	9.00
3	673	Extra over item 2 above for every subsequent coat of white washing		Sq.M.	2.50	4.00
4	New 674	Colour washing with Portland cement slurry on undecorated wall surface (one coat) to give a smooth surface to remove all dirt, mortar drop an other foreign matter.		Sq.M.	4.50	9.00
5	675	Colour washing with lime on undecorated wall surfaces (two coat) over & including a primary coat of white washing to give an even shade after thoroughly brooming the surface to remove all dirt, dust mortar drop and other foreign matter.	13.39	Sq.M.	8.50	17.00
6	675(A)	Extra over item 4 for every subsequent coat of colour wash on decorated surface.		Sq.M.	3.00	7.00
7	682	One Coat Priming & One Coat Distempering with dry distemper of approved brand and required shade on undecorated wall surface to give an even surface including supply of all materials, labour and T&P etc.		Sq.M.	18.50	45.00
8		Extra over item 8 for every subsequent coat of distempering with dry distemper of approved and manufacturer.		Sq.M.	4.50	26.00

NOTE:- The rates include cost of all materials such as Plaster of Paris, whiting, glue, brushes, sand paper and other sandries etc., but exclusive as cost of specified material as mentioned in respective items in labour rates.

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CHAPTER- 17

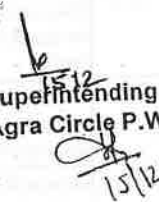
DEMOLITION & DISMANTLING

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	691	Dismantling sundries brick work including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).	17.3	Cu.M.		87.00
2	692	Dismantling brick work or stone work in lime or cement mortar and including stacking of materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).		Cu.M.		474.00
3	693	As in item (692) above but in mud mortar.	17.2.1	Cu.M.		237.00
4	694	Dismantling reinforced cement concrete or reinforced brick work including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).	17.3	Cu.M.		1000.00
5	695	Dismantling jack arched all wooden beam and bare roofs including barn and roof concrete including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).	17.5.1	Cu.M.		120.00
6	696	As In item (695) above but only roof concrete.	17.4.2	Cu.M.		350.00
7	697	Dismantling cement concrete or brick or granolithic floors including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).	17.5.1	Sq.M.		50.00
8	698	As in item (697) above but floor to be stone flagged or tiled floor.	17.5.2	Sq.M.		65.00
9	699	Dismantling single tiled roof, any kind including purlin and battens and including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (20 feet).		Sq.M.		70.00
10	700	As in item (699) above but double tiled roof.		Sq.M.		110.00
11	701	Dismantling corrugated iron floors wall or partition including purlin battens and vertical support and including stacking of materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet)	17.7	Sq.M.		40.00
12	702	Dismantling of girders, trusses and other steel work including stacking of dismantled materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet).	17.8	Qtl.		1250.00
13	703	Dismantling doors and windows including stacking of materials as directed by Engineer-In-Charge with a distance of 60 meters (200 feet).	17.9.3	Sq.M.		65.00
14	704	Dismantling doors and windows leaves including stacking of materials as directed by Engineer-In-charge within a distance of 60 meters (200 feet).	19.9.1	Sq.M.		29.00
15	705	Dismantling doors and windows leaves including chaukhats but excluding hold fasts and including stacking of materials as directed by Engineer-In-Charge within a distance of 60 meters (200 feet)	17.9.2	Sq.M.		65.00
16	706	Dismantling existing plaster including disposal of refuse as directed by Engineer-In-Charge within a distance of 60 meters.	17.10	Sq.M.		34.00
17	707	Racking out joints of brick work in cement or lime mortar to depth of 1cm (3/8") including disposal of refuse as directed by the distance of 60 meters (200 feet)	17.11	Sq.M.		25.00
18	708	Scrapping old white or colour wash including disposal of refuse as directed by Engineer-In-charge within a distance of 60 meters (200 feet)	17.12	Sq.M.		11.00

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CHAPTER- 18 STONE WORK

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	New	Red sand stone work for wall lining etc. (Veneer work) 30mm thick in cement mortar 1:3 (1 cement : 3 coarse sand) including camping jointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.	7.23	Sq.M.	620.00	1520.00
2	New	30 mm red sand stone sun-shade (chisel-dressed) supported on red sand stone brackets, fixed in walls with cement mortar 1:4 (1 cement : 4 coarse sand), including finishing complete.	7.3	Sqm	200.00	760.00
3	New	Providing and fixing stone jali 40 mm thick throughout in cement mortar 1:3 (1 cement : 3 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.	7.33	Sqm	1450.00	6600.00
4	New	Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:4 (1 cement : 4 coarse sand)	7.6	Cum	1050.00	4700.00
5	New	Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:3 (1 cement : 3 coarse sand)	7.6	Cum	1070.00	5000.00
6	New	Coursed rubble masonry (first sort) with hard stone in superstructure with Cement mortar 1:4 (1 cement : 4 coarse sand)	7.8	Cum	1100.00	5200.00
7	New	Coursed rubble masonry (first sort) with hard stone in superstructure with Cement mortar 1:3 (1 cement : 3 coarse sand)	7.8	Cum	1150.00	5300.00


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CHAPTER- 19
MISCELLANEOUS

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	730	Supply and fixing of 10cm. Internal dia A.C. down pipes complete with roseheads, bends M.S. clamps 2.5cm x 3mm. Fixed to wall by 15cm. Long 6mm dia nails and including repairs of plaster pointing etc. if damaged during fixing of the pipes including cost of all materials, labours, tools and plant etc. required for proper completion of work.	21.5	R.M.	30.00	190.00
2		Supply and hoisting of Sintex or equivalent high density polyethylene seamless of piece moulded tanks and placing the same in proper position including all taxes, labour and T&P etc. for proper completion of work. Tank should be ISI marked, Sintex or equivalent.				
		(a) For 200 litres.		Litres	2.00	10.00
		(b) For 300 litres.		Litres	2.00	10.00
		(c) For 500 litres.		Litres	2.00	10.00
3		Hoisting Ferro cement tanks and placing the same in proper position including all taxes, labour and T&P etc. for proper completion of the work.				
		(a) For 200 litres.		Each	200.00	200.00
		(b) For 300 litres.		Each	225.00	240.00
		(c) For 500 litres.		Each	260.00	275.00
		Non Schedule Item				
4		Laying of 0.5cm thick compacted layer of cut back with approved fine sand & maxphalt 40% by weight under foundation concrete and brick work and under floor including supply of all materials, labour, shuttering and T&P etc. required for proper completion of work as per direction of Engineer-In-Charge.		Sq.M.	30.00	250.00
5		Filling Bulk Bitumen from road side pits including cleaning of pits, excavation/cutting cold bitumen, filling the same into empty drum, pulling out from pits to loading place and also including all labour, T&P etc. required for proper completion of work as per Direction of Engineer-In-Charge.		Per Tonne	360.00	400.00
6		Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead :				
		(a) With cement mortar 1:4 (1 cement : 4 fine sand) (not less than in 1.25 FM)	14.1.1	sqm	110.00	190.00
		(b) With cement mortar 1:4 (1cement: 4 coarse sand)	14.1.2	sqm	110.00	200.00
7		Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground				
		(a) For door/ window/ clerestory window	14.4.1	R.M.	160.00	400.00
8		Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	14.12	each	100.00	2 30.00


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CHAPTER- 20 ROAD WORK

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401.		Cu.M.	120.00	
	755(b)	As in Item No. 755(a) above but consolidation of 45-63mm 10cm thick (Loose) coat of stone ballast.		Cu.M.	280.00	
2	755(c)	Consolidation of 22.4-53mm gauge stone ballast 10cm thick (loose) coat including reparing of patches picking up to old surface spreading, ballast making medhies to retain water and carriage of metal upto 30m carriage of water upto 200m maintenance of barriers and all labour T&P Including Road Roller Charges etc. required for proper completion of work The stone ballast is to be supplied to the contractor free of cost at site.		Cu.M.	280.00	
3	762(a)	Brick soling with M-150 brick laid flat and dry brick edging on both side including preparation of subgrade to required camber and including supply of bricks, filling joints with local earth spreading a blind coat of 1cm(3/8") depth of local earth P.I. 5 to 7 or sand over the entire surface and including labour & T&P etc. required for proper completion of work.		Sq.M.	75.00	325.00
4	762(b)	Same as above in Item 762(a) but with laid on edge complete.		Sq.M.	85.00	450.00
5	765	Brick edging on both side of the road of M-150 bricks 8cm. (3") wide and 12cm (4 1/2") deep laid with mud mortar including all labour and supply of brick finished to required template & ramming the excavated earth as directed by the Engineer-In-Charge.		Km.	15300.00	69000
6	780	Patch repair of painted Kms with tar or Bitumen (labour only) including heating the paint to the required temperature pouring it on the surface spreading of necessary quantity of grit and ramming hard the same with roller & also including cleaning with brushes etc the existing surface after scrapping it to the water bound surface in rectangular shape and spreading the dismantled material on the patries as directed by Engineer-In-charge.		Cu.M.	1730.00	
7	MORD 502	Providing and applying primer coat with bitumen emulsion (SS) on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.75 kg/sqm using mechanical means as per Technical Specification Clause 502 (Labour Rate Only)		Sq.M.	1.60	
8	MORD 503	Providing and applying tack coat with bitumen VG-10) at the rate of 0.35 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503 (Labour Rate Only)		Sq.M.	1.30	
9	MORD 508	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates and using (VG-30) bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a Mixoll, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat as per Technical specification clauses 508. (Labour Rate Only).		Sq.M.	30.00	

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PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
2	3	4	5	6	7
MORD 510	Providing, laying seal coat by means with VG-10 Bitumen sealing the void in a bituminous surface laid to the specified levels grade cross fall using Type A as per Technical specification clauses 510 By Mixoll. (Labour Rate Only).		Sq.M.	10.50	
MORD 510	Providing, laying seal coat by means with VG-10 Bitumen sealing the void in a bituminous surface laid to the specified levels grade cross fall using Type B as per Technical specification clauses 510. By Mixoll(Labour Rate Only).		Sq.M.	8.00	
MORD 510	Providing, laying seal coat by means with VG-10 Bitumen sealing the void in a bituminous surface laid to the specified levels grade cross fall using Type C as per Technical specification clauses 510. By Mixoll (Labour Rate Only).		Sq.M.	10.00	
NS	Laying and fixing of N.P.-3 Hume pipe in proper position as directed by E/I including cartage of pipes/collars upto 30m distance (labour only) excluding cost of pipes/collars.				
	(a) 35cm & 45cm dia		RM	180.00	
	(b) 60cm dia		RM	230.00	
	(c) 90cm dia		RM	320.00	
	(d) 100cm dia		RM	375.00	
	(e) 120cm dia		RM	450.00	
New Item	Stone Brick pavement including preparation of sub grade to prescribed camber, including knocking and dressing of stone bricks for adjustment at site, spreading the blinding coat of average thickness 2.5cm filling joints with blinding material and including all labour, T&P etc. required for proper completion of work. (Excluding cost of material) (Labour Rate Only).		Cu.M.	80.00	
New Item	Laying of I shaped precast Interlocking tiles of thickness 60 to 100mm (Compressive strength not less than 30Mpa and weight 4.50kg) Including 25mm thick local sand base levelling and dressing of surface to required level and slope, filling joints with local sand all complete work.				
	60 mm (Ordinary Grey)		Sq.M.	70.00	670.00
	60 mm (Ordinary Coloured)		Sq.M.	70.00	740.00
	60 mm (Rubber molded)		Sq.M.	70.00	720.00
	80 mm (Ordinary Grey)		Sq.M.	75.00	800.00
	80 mm (Ordinary Coloured)		Sq.M.	75.00	920.00
	80 mm (Rubber molded)		Sq.M.	75.00	880.00
	100 mm (Ordinary Grey)		Sq.M.	75.00	950.00
	100 mm (Ordinary Coloured)		Sq.M.	75.00	1030.00
	100 mm (Rubber molded)		Sq.M.	75.00	990.00
New Item	Dismantling of flexible pavement and disposal of dismantle material upto a lead of 1000meters, stacking serviceable and unserviceable materials separately.		Cu.M.	90.00	270.00


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CHAPTER- 21

WATER SUPPLY MATERIAL

Note : The items should be of I.S.I. Marked conforming to respective IS codes and supplied at site.

Sl.	MATERIAL WITH CLASS	SIZE	UNIT	RATE
1	2	3	4	6
1	G.I. Pipe Class-B	15mm dia	R.M.	85.00
2	G.I. Pipe Class-B	20mm dia	R.M.	110.00
3	G.I. Pipe Class-B	25mm dia	R.M.	155.00
4	G.I. Pipe Class-B	32mm dia	R.M.	200.00
5	G.I. Pipe Class-B	40mm dia	R.M.	235.00
6	G.I. Pipe Class-B	50mm dia	R.M.	285.00
7	G.I. Tee	15mm dia	Dozen	276.00
8	G.I. Tee	20mm dia	Dozen	432.00
9	G.I. Tee	25mm dia	Dozen	600.00
10	G.I. Tee	40mm dia	Dozen	108.00
11	G.I. Jamnut	15mm dia	Dozen	78.00
12	G.I. Jamnut	20mm dia	Dozen	84.00
13	G.I. Jamnut	25mm dia	Dozen	144.00
14	G.I. Jamnut	40mm dia	Dozen	180.00
15	G.I. Jamnut	50mm dia	Dozen	264.00
16	G.I. Elbow	15mm dia	Dozen	168.00
17	G.I. Elbow	20mm dia	Dozen	276.00
18	G.I. Elbow	25mm dia	Dozen	444.00
19	G.I. Elbow	40mm dia	Dozen	972.00
20	G.I. Elbow	50mm dia	Dozen	1464.00
21	G.I. Socket	15mm dia	Dozen	168.00
22	G.I. Socket	20mm dia	Dozen	240.00
23	G.I. Socket	25mm dia	Dozen	336.00
24	G.I. Socket	40mm dia	Dozen	636.00
25	G.I. Socket	50mm dia	Dozen	960.00
26	G.I. Reducing Socket	25mm to 15mm dia	Dozen	276.00
27	G.I. Reducing Socket	25mm to 20mm dia	Dozen	276.00
28	G.I. Reducing Socket	40mm to 25mm dia	Dozen	684.00
29	G.I. Cross Tee	15mm dia	Dozen	384.00
30	G.I. Cross Tee	20mm dia	Dozen	540.00
31	G.I. Cross Tee	25mm dia	Dozen	912.00
32	G.I. Reducing Tee	25x25x15mm dia	Dozen	672.00
33	G.I. Reducing Tee	20x20x15mm dia	Dozen	396.00
34	G.I. Reducing Tee	32x32x15mm dia	Dozen	912.00
35	G.I. Reducing Tee Class B	40x40x15mm dia	Dozen	1260.00
36	PVC ball float valve with brass and union complete.	15mm dia	Each	170.00
37	PVC ball float valve with brass and union complete.	20mm dia	Each	195.00
38	PVC ball float valve with brass and union complete.	25mm dia	Each	260.00
39	PVC ball float valve with brass and union complete.	30mm dia	Each	340.00
40	PVC ball float valve	150mm dia	Each	100.00
41	PVC ball float valve	200mm dia	Each	105.00
42	PVC ball float valve	250mm dia	Each	110.00
43	Brass bib cock heavy quality (Gem Mikado/Excess's Williams of eqv.)	15mm dia 400 gms	Each	190.00
43(a)	Brass bib cock heavy quality (Gem Mikado/Excess's Williams of eqv.)	15mm dia 200 gms.	Each	115.00
44	Brass Stop Cock	15mm dia 200 gms.	Each	115.00
45	Brass Stop Cock	15mm dia 400 gms.	Each	190.00
46	Brass Stop Cock	20mm dia 400 gms	Each	275.00

Sl.	MATERIAL WITH CLASS	SIZE	UNIT	RATE
48	C.P. bib cock heavy quality (Gem Mikado/Excess's Williams or eqv.)	15mm dia 200 gms.	Each	420.00
49	Brass Ferrule	15mm. Dia	Each	100.00
50	Brass Ferrule	20mm dia	Each	140.00
51	Brass Ferrule	25mm dia	Each	165.00
52	Fullway Gate Valve	15mm dia	Each	315.00
53	Fullway Gate Valve	20mm dia	Each	415.00
54	Fullway Gate Valve	25mm dia	Each	555.00
55	C.P. brass shower heavy quality (Gem Mikado/Excess's Williams or eqv.)	100mm dia	Each	380.00
56	B.G.I. Union	15mm dia.	Each	55.00
57	B.G.I. Union	20mm dia	Each	85.00
58	B.G.I. Union	25mm dia	Each	105.00
59	B.G.I. Union	32mm dia	Each	130.00
60	B.G.I. Union	40mm dia	Each	155.00
61	B.G.I. Union	50mm dia	Each	210.00
62	G.I. Long Screw	15 mm dia	Each	55.00
63	G.I. Long Screw	20 mm dia	Each	65.00
64	G.I. Long Screw	25 mm dia	Each	90.00
65	G.I. Long Screw	32 mm dia	Each	105.00
66	G.I. Long Screw	40 mm dia	Each	115.00
67	G.I. Long Screw	50 mm dia	Each	140.00
68	(a) G.I. Nipple 50mm Long	15 mm dia	Each	10.00
	(b) G.I. Nipple 50mm Long	20 mm dia	Each	12.00
69	(a) G.I. Nipple 75mm Long	15 mm dia	Each	15.00
	(b) G.I. Nipple 75mm Long	20 mm dia	Each	15.00
70	(a) G.I. Nipple 100mm Long	15 mm dia	Each	25.00
	(b) G.I. Nipple 100mm Long	20 mm dia	Each	30.00
71	Brass Ball cock complete with Ball and Brass rod	15 mm dia	Each	210.00
72	Brass Ball cock complete with Ball and Brass rod	20 mm dia	Each	255.00
73	Brass Ball cock complete with Ball and Brass rod	25 mm dia	Each	350.00
74	(a) C.I. Bib cock with Brass rod heavy quality 200gms.	15 mm dia	Each	75.00
	(b) C.I. Bib cock with Brass rod heavy quality 200gms.	20 mm dia	Each	85.00
75	(a) C.I. Bib cock with Brass rod heavy quality	15 mm dia	Each	70.00
	(b) C.I. Bib cock with Brass rod heavy quality	20 mm dia	Each	85.00
	(c) C.I. Bib cock with Brass rod heavy quality	25 mm dia	Each	105.00
76	C.I. Nozzle C.I. Stop cock heavy quality 200 gm.	15 mm dia	Each	45.00
77	(a) C.I. Jali	100 x 100 mm	Each	30.00
	(b) C.I. Jali	125 x 125 mm	Each	40.00
	(c) C.I. Jali	150 x 150 mm	Each	45.00
78	(a) C.I. Jali Round	100mm dia	Each	30.00
	(b) C.I. Jali Round	125mm dia	Each	40.00
	(c) C.I. Jali Round	150mm dia	Each	45.00
79	C.P. stop cock with Brass rod 400 gm		Each	420.00
80	C.P. Pillar cock with Brass spindle.	15mm dia	Each	360.00
81	(a) C.P. Brass waste jali for Sink		Each	155.00
	(b) C.P. Brass waste jali for Wash Basin		Each	75.00
82	P.V.C. waste pipe for W.H.B./Sink		Each	40.00
83	P.V.C. connection 450mm long with two brass units	15mm dia	Each	60.00
84	P.V.C. Pipe 600mm long with two brass units	15mm dia	Each	80.00

Superintending Engineer
Agra Circle P.W.D. Agra

CHAPTER- 22

SANITARY MATERIAL

Note : The items should be of I.S.I. Marked conforming to respective IS codes.

Sl. No.	MATERIAL WITH CLASS	UNIT	RATE
	2	3	4
1	White glazed earthen ware (Indian type), Neycer W.C. Pan 580mm dia.	Each	465.00
2	White glazed earthen ware Pan 580mm dia (Orissa Pan)	Each	1070.00
3	White glazed earthen ware (Indian type) W.C. Pan 510mm dia.	Each	430.00
4	White glazed earthen ware (European type) W.C. Pan 580mm dia.	Each	945.00
5	Along Indian W.C. Pan 450mm	Each	2075.00
6	(a) (10 Litre) C.I. Flushing cistern complete with G.I. Pull chain but without brackets.	Each	960.00
	(b) (10 Litre) C.I. Low level flushing cistern but without brackets.	Each	1070.00
7	1 Gallon (4.5 Litre) C.I. Flushing cistern Taj or equi. Quality but with bracket and pull chain.	Each	465.00
8	R.S. bracket for flushing cistern/sink and wash hand basin.	Each	65.00
9	30mm. Telescopic flushing pipe PVC for WC with brass union.	Each	160.00
10	105mm dia HCI Trap HEP/equivalent.	Each	250.00
11	Bakelite seat covers for commode ESSLO make white.	Each	590.00
12	Flat back or angular front lipper urinal basin of white glazed earthen ware 465 x 355 x 265mm	Each	505.00
13	Squatting type urinal seats for standard size 450x350 mm	Each	630.00
14	Wash hand basin 550x400mm size of white glazed earthen ware (22" x 16")	Each	705.00
15	As above but 500 x 400mm size.	Each	540.00
16	As above but 450 x 300mm size.	Each	530.00
17	White glazed fire clay sink 600 x 450 x 250mm of Parry of equivalent make (24" x 18" x 10")	Each	2265.00
18	As in item above but for 600 x 450 x 200mm size (24"x18"x8")	Each	2140.00
19	As in item above but for 500 x 400 x 150mm size (20"x16"x7")	Each	1575.00
20	As in item above but for 450 x 300 x 150mm size (18"x12"x6")	Each	880.00
21	White or coloured Mossaic sink duly polished 600x450x250mm. Dia.	Each	440.00
22	As in Item above but for 500 x 350 x 150 mm size.	Each	405.00
23	As in Item above but for 450 x 300mm size.	Each	300.00
24	C.P. Brass pillar tap 15mm dia	Each	530.00
25	C.P. Brass chain with rubber plug	Each	50.00
26	C.P. waste coupling, Jamnut complete 30mm dia	Each	165.00
27	G.I. Chain alone for W.C.	Each	35.00
28	White glazed earthen ware footrest.	Each	165.00
29	Mirror of Atul make Indian polish of 600x450mm dia Size bevelled edge.	Each	505.00
30	Hard board sheet with clips for mirror 600x450x5mm	Each	50.00
31	Glass shelf 7/32" thick 600x130mm size with C.P. guard rail of standard size of bracket.	Each	565.00
32	C.P. brass towel rail 750x20mm together with pair of C.P. brass brackets to fit the towel rail.	Each	355.00
33	C.P. brass towel rail 800x20mm together with pair of C.P. brass brackets to fit the towel rail	Each	375.00
34	C.P. brass towel rail 450x20mm together with pair of C.P. brass brackets to fit the towel rail.	Each	315.00
35	HEP make HCI pipe in 1.8 metre length 150mm dia with one sod wt. 22kg.	Each	1575.00

Sl. No.	MATERIAL WITH CLASS	UNIT	RATE
1	2	3	4
36	HEP make HCI pipe with socket in 1.8 metre length 100mm dia	Each	950.00
37	As in Item above 50mm dia	Each	605.00
38	As in Item above 75mm dia	Each	770.00
39	M.S. Holder bat clamp for HCI pipes 100mm dia.	Each	65.00
40	As in Item above but 50mm dia	Each	50.00
41	As in Item above but 75mm dia	Each	60.00
42	HCI heel rost bend 75mm dia.	Each	200.00
43	As in Item above but 100mm dia	Each	255.00
44	As in Item above but 50mm dia	Each	140.00
45	HCI cross with access door nuts and washer complete 100x100x100mm	Each	520.00
46	HEP make HCI bend with door complete 100mm dia.	Each	290.00
47	HEP make HCI bend with door complete 75mm dia.	Each	240.00
48	HEP make HCI terminal guard 150mm dia.	Each	165.00
49	HEP make HCI terminal guard 100mm dia.	Each	145.00
50	HEP make HCI terminal guard 75mm dia.	Each	135.00
51	HEP make HCI terminal guard 50mm dia.	Each	125.00
52	HEP make HCI collar socket 150mm dia.	Each	280.00
53	HEP make HCI collar socket 100mm dia.	Each	145.00
54	HEP make HCI collar socket 75mm dia.	Each	120.00
55	HEP make HCI terminal collar socket 50mm dia	Each	90.00
56	Pig lead	Each	135.00
57	HEP/Equi. Make HCI plain bend 100mm dia	Each	245.00
58	HEP/Equi. Make HCI plain bend 75mm dia	Each	210.00
59	HEP/Equi. Make HCI plain bend 50mm dia	Each	165.00
60	HEP/Equi. Make HCI plain bend door complete 50mm dia	Each	440.00
61	S.W. pipe in 600mm length prefact made 100mm dia.	Each	63.00
62	As in Item above 150mm dia.	Each	95.00
63	S.W. gully trap 150x100 mm dia.	Each	265.00
64	S.W. gully trap 130x100mm size	Each	125.00
65	HCI grating 100mm dia	Each	30.00
66	C.I. Cover 300x300mm. With frame complete.	Kg	60.00
67	HEP Nahani trap of Indian make HCI 100x75mm	Each	305.00
68	C.I. Cover with frame 400mm. Internal dia	Kg	60.00
	(a) C.I. Cover with frame 400mm Internal dia with weight not less 11 kgs.	Kg	60.00
69	A.C. cowel 50mm dia.	Each	65.00
70	A.C. cowel 100mm dia.	Each	110.00
	A.C. cowel 75mm dia.	Each	80.00
71	S/O C.I. Pipe 1800mm long I.S.I. Mark I.S. 1729		
	(a) Kolkata Make Bic/Hepco 2" dia	Each	585.00
	(b) Kolkata Make Bic/Hepco 3" dia	Each	760.00
	(c) Kolkata Make Bic/Hepco 4" dia	Each	905.00
	(d) Kolkata Make Bic/Hepco 6" dia	Each	1675.00
	(e) Neco Make C.I. Pipe 2" Dia	Each	640.00
	(f) Neco Make C.I. Pipe 3" Dia	Each	850.00
	(g) Neco Make C.I. Pipe 4" Dia	Each	970.00
	(h) Neco Make C.I. Pipe 6" Dia	Each	1965.00
72	MS clamp made with 32x5mm flat iron with out nut and bolt complete for CI pipe	Kg	61.00

CHAPTER- 23
WATER SUPPLY

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 °C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer in charge				
		Internal work - Exposed on wall				
A		1216 (16 mm OD) pipe	18.1.1	RM	50.00	200.00
B		1620 (20 mm OD) pipe	18.1.2	RM	55.00	225.00
C		2025 (25 mm OD) pipe	18.1.3	RM	60.00	275.00
D		2532 (32 mm OD) pipe	18.1.4	RM	70.00	355.00
E		3240 (40 mm OD) pipe	18.1.5	RM	85.00	550.00
F		4050 (50 mm OD) pipe	18.1.6	RM	85.00	590.00
2		Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 °C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with clamps at 1.00 metre spacing. This includes the costs of cutting chases and including testing of joints complete as per direction of the engineer in charge.				
		Concealed work, including cutting chases and making good the wall etc.				
		1216 (16 mm OD) pipe	18.2.1	RM	60.00	300.00
		1620 (20 mm OD) pipe	18.2.2	RM	60.00	335.00
		2025 (25 mm OD) pipe	18.2.3	RM	60.00	410.00
		2532 (32 mm OD) pipe	18.2.4	RM	60.00	500.00
3		Providing and fixing Polyethelene-Aluminium-Polyethelene (PE-ALPE) Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & cold water supply, capable to withstand temperature up to 80 °C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers & connectors etc., with trenching, refilling and testing of joints complete as per direction of the engineer in charge.				
		External work				
A		1216 (16 mm OD)	18.3.1	RM	45.00	175.00
B		1620 (20 mm OD)	18.3.2	RM	45.00	215.00
C		2025 (25 mm OD)	18.3.3	RM	45.00	255.00

SI. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
D		2532 (32 mm OD)	18.3.4	RM	45.00	330.00
E		3240 (40 mm OD)	18.3.5	RM	50.00	505.00
F		4050 (50 mm OD)	18.3.6	RM	50.00	545.00
4		Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4, U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes testing of joints complete as per direction of Engineer in Charge.				
		Internal work - Exposed on wall				
A		PN - 16 Pipe, 16 mm OD	18.4.1	RM	50.00	115.00
B		PN - 16 Pipe, 20 mm OD	18.4.2	RM	55.00	145.00
C		PN - 16 Pipe, 25 mm OD	18.4.3	RM	55.00	200.00
D		PN - 16 Pipe, 32 mm OD	18.4.4	RM	70.00	280.00
E		PN - 16 Pipe, 40 mm OD	18.4.5	RM	85.00	415.00
F		PN - 16 Pipe, 50 mm OD	18.4.6	RM	85.00	545.00
5		Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes SDR 7.4, U V stabilized & anti - microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.				
		Concealed work, including cutting chases and making good the walls etc.,				
A		PN - 16 Pipe, 16 mm OD	18.5.1	RM	60.00	190.00
B		PN - 16 Pipe, 20 mm OD	18.5.2	RM	60.00	220.00
C		PN - 16 Pipe, 25 mm OD	18.5.3	RM	60.00	275.00
D		PN - 16 Pipe, 32 mm OD	18.5.4	RM	60.00	365.00
6		Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes, U V stabilized & anti microbial fusion welded, having thermal stability for hot & cold water supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer in Charge.				
		External work				
A		PN - 16 Pipe, 16 mm OD (SDR - 7.4)	18.6.1	RM	45.00	95.00
B		PN - 16 Pipe, 20 mm OD (SDR - 7.4)	18.6.2	RM	45.00	125.00
C		PN - 16 Pipe, 25 mm OD (SDR - 7.4)	18.6.3	RM	45.00	165.00
D		PN - 16 Pipe, 32 mm OD (SDR - 7.4)	18.6.4	RM	45.00	235.00
E		PN - 16 Pipe, 40 mm OD (SDR - 7.4)	18.6.5	RM	50.00	345.00
F		PN - 16 Pipe, 50 mm OD (SDR - 7.4)	18.6.6	RM	50.00	465.00
G		PN - 16 Pipe, 63 mm OD (SDR - 7.4)	18.6.7	RM	60.00	700.00
H		PN - 16 Pipe, 75 mm OD (SDR - 7.4)	18.6.8	RM	60.00	975.00
I		PN - 16 Pipe, 90 mm OD (SDR - 7.4)	18.6.9	RM	80.00	1560.00
J		PN - 10 Pipe, 110 mm OD (SDR - 11)	18.6.10	RM	80.00	1690.00
K		PN - 10 Pipe, 160 mm OD (SDR - 11)	18.6.11	RM	125.00	3460.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
7		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
		Internal work - Exposed on wall				
A		16 mm nominal outer dia Pipes	18.7.1	RM	55.00	130.00
B		20 mm nominal outer dia Pipes	18.7.2	RM	60.00	155.00
C		25 mm nominal outer dia Pipes	18.7.3	RM	60.00	195.00
D		32 mm nominal outer dia Pipes	18.7.4	RM	70.00	250.00
E		40 mm nominal outer dia Pipes	18.7.5	RM	85.00	350.00
F		50 mm nominal outer dia Pipes	18.7.6	RM	85.00	510.00
8		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings, with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc.				
A		16 mm nominal outer dia pipes	18.8.1	RM	50.00	225.00
B		20 mm nominal outer dia pipes	18.8.2	RM	50.00	255.00
C		25 mm nominal outer dia pipes	18.8.3	RM	50.00	310.00
D		32 mm nominal outer dia pipes	18.8.4	RM	50.00	375.00
9		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineerin-Charge. External work				
A		16 mm nominal outer dia pipes	18.9.1	RM	35.00	135.00
B		20 mm nominal outer dia pipes	18.9.2	RM	40.00	150.00
C		25 mm nominal outer dia pipes	18.9.3	RM	45.00	220.00
D		32 mm nominal outer dia pipes	18.9.4	RM	45.00	240.00
E		40 mm nominal outer dia pipes	18.9.5	RM	50.00	315.00
F		50 mm nominal outer dia pipes	18.9.6	RM	50.00	490.00
G		62.50 mm nominal inner dia pipes	18.9.7	RM	60.00	1360.00
H		75 mm nominal inner dia pipes	18.9.8	RM	60.00	200.00
I		100 mm nominal inner dia pipes	18.9.9	RM	75.00	210.00
J		150 mm nominal inner dia pipes	18.9.10	RM	85.00	4810.00
10		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
		Internal work - Exposed on wall				
A		15 mm dia nominal bore	18.10.1	RM	50.00	165.00
B		20 mm dia nominal bore	18.10.2	RM	55.00	185.00
C		25 mm dia nominal bore	18.10.3	RM	60.00	240.00

SI. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
D		32 mm dia nominal bore	18.10.4	RM	70.00	300.00
E		40 mm dia nominal bore	18.10.5	RM	85.00	365.00
F		50 mm dia nominal bore	18.10.6	RM	85.00	460.00
11		Providing & Fixing GI pipes complete with GI fittings and clamps including making good the walls etc. concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the wall:				
A		15 mm dia nominal bore	18.11.1	RM	45.00	255.00
B		20 mm dia nominal bore	18.11.2	RM	50.00	275.00
12		Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work				
A		15 mm dia nominal bore	18.12.1	RM	40.00	155.00
B		20 mm dia nominal bore	18.12.2	RM	40.00	175.00
C		25 mm dia nominal bore	18.12.3	RM	45.00	225.00
D		32 mm dia nominal bore	18.12.4	RM	45.00	265.00
E		40 mm dia nominal bore	18.12.5	RM	50.00	315.00
F		50 mm dia nominal bore	18.12.6	RM	50.00	375.00
G		65 mm dia nominal bore	18.12.7	RM	55.00	480.00
H		80 mm dia nominal bore	18.12.8	RM	55.00	600.00
13		Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work:				
A		15 mm diameter pipe	18.38.1	RM	1.20	7.50
B		20 mm diameter pipe	18.38.2	RM	1.20	8.50
C		25 mm diameter pipe	18.38.3	RM	1.70	11.50
D		32 mm diameter pipe	18.38.4	RM	1.70	12.50
E		40 mm diameter pipe	18.38.5	RM	2.30	15.50
F		50 mm diameter pipe	18.38.6	RM	2.30	18.50
14		Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work):				
A		15 mm nominal bore	18.46.1	Each	23.00	125.00
B		20 mm nominal bore	18.46.2	Each	30.00	155.00
C		25 mm nominal bore	18.46.3	Each	35.00	165.00
D		32 mm nominal bore	18.46.4	Each	35.00	200.00
E		40 mm nominal bore	18.46.5	Each	35.00	235.00
F		50 mm nominal bore	18.46.6	Each	40.00	320.00
G		65 mm nominal bore	18.46.7	Each	45.00	570.00
H		80 mm nominal bore	18.46.8	Each	45.00	670.00
15		Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):				
A		25 mm nominal bore	18.17.1	Each	20.00	385.00
B		32 mm nominal bore	18.17.2	Each	22.00	465.00
C		40 mm nominal bore	18.17.3	Each	25.00	570.00
D		50 mm nominal bore	18.17.4	Each	30.00	740.00
E		65 mm nominal bore	18.17.5	Each	30.00	1110.00
F		80 mm nominal bore	18.17.6	Each	35.00	1915.00
16		Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete:				
A		15 mm nominal bore	18.18.1	Each	35.00	275.00
B		20 mm nominal bore	18.18.2	Each	42.00	375.00
C		25 mm nominal bore	18.18.3	Each	50.00	435.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
17		Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main :				
A		15 mm nominal bore	18.20.1	Each	65.00	220.00
B		20 mm nominal bore	18.20.2	Each	75.00	270.00
C		25 mm nominal bore	18.20.3	Each	85.00	350.00
18		Constructing masonry Chamber brick work with common burnt clay F.P.S.(non modular) bricks of class designation 150 in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar :3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design				
A		60x60x75 cm Inside	18.33	Each	2200.00	6150.00
B		90x90x100 cm Inside	18.34	Each	3800.00	10350.00
C		120x120x100 cm Inside	18.35	Each	5000.00	13750.00
19		Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting of wall and making good the same complete wherever required :				
A		15 mm nominal bore	18.47.1	Each	200.00	270.00
B		20 mm nominal bore	18.47.2	Each	200.00	300.00
C		25 mm nominal bore	18.47.3	Each	200.00	320.00
D		32 mm nominal bore	18.47.4	Each	200.00	360.00
E		40 mm nominal bore	18.47.5	Each	210.00	400.00
F		50 mm nominal bore	18.47.6	Each	210.00	525.00
G		65 mm nominal bore	18.47.7	Each	210.00	770.00
H		80 mm nominal bore	18.47.8	Each	210.00	890.00
20		Providing and fixing C.I. sluice valves (with cap) complete with bolts, nuts, rubber insertions etc. (the tail pieces if required will be paid separately) :				
A		100 mm diameter				
		Class I	18.31.1.1	Each	230.00	3130.00
		Class II	18.31.1.2	Each	230.00	3520.00
B		125 mm diameter				
		Class I	18.31.1.1	Each	230.00	3320.00
		Class II	18.31.1.2	Each	230.00	4050.00
C		150 mm diameter				
		Class I	18.31.1.1	Each	230.00	4250.00
		Class II	18.31.1.2	Each	230.00	4950.00
D		200 mm diameter				
		Class I	18.31.1.1	Each	270.00	7850.00
		Class II	18.31.1.2	Each	270.00	10550.00
E		250 mm diameter				
		Class I	18.31.1.1	Each	330.00	11050.00
		Class II	18.31.1.2	Each	330.00	11550.00
F		300 mm diameter				
		Class I	18.31.1.1	Each	380.00	15100.00
		Class II	18.31.1.2	Each	380.00	19100.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
21		Providing and fixing unplasticised PVC connection pipe with brass unions:				
A		30 cm length				
		i) 15 mm nominal bore	18.21.1.1	Each	25.00	60.00
		ii) 20 mm nominal bore	18.21.1.2	Each	25.00	65.00
B		45 cm length				
		i) 15 mm nominal bore	18.21.2.1	Each	25.00	70.00
		ii) 20 mm nominal bore	18.21.2.2	Each	25.00	80.00
22		Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931.				
		15 mm nominal bore	18.49.1	Each	40.00	435.00
23		Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
		15 mm nominal bore	18.50.1	Each	40.00	450.00
24		Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.				
		15 mm nominal bore	18.51.1	Each	40.00	480.00
25		Providing and fixing C.P. brass stop cock (concealed) of standard design and of				
		approved make conforming to IS:8931.				
		15 mm nominal bore	18.52.1	Each	40.00	475.00
26		Providing and fixing C.P. brass angle valve for basin mixer and geyser points of				
		approved quality conforming to IS:8931				
		15 mm nominal bore	18.53.1	Each	45.00	500.00
27		Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet:				
		i) 100 mm diameter	18.22.1	Each	30.00	65.00
		ii) 50 mm diameter	18.22.2.1	Each	30.00	85.00
28		Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.				
29		Providing and fixing brass stop cock of approved quality:				
		15 mm nominal bore	18.16.1	Each	20.00	225.00
		20 mm nominal bore	18.16.2	Each	25.00	275.00
30		Providing and fixing Stainless Steel grating of approved quality and colour.				
		100 mm dia		Each	6.00	26.00
		125 mm dia		Each	6.00	31.00
31		Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
		110 mm diameter	12.41.2	RM	55.00	255.00
32		Providing and fixing PVC pipe conforming to IS make working pressure 6 Kg/SqCm including testing, labour T&P and all complete fittings				
		75 mm diameter		RM	45.00	205.00
		90 mm diameter		RM	45.00	255.00
		110 mm diameter		RM	55.00	355.00
		140 mm diameter		RM	75.00	455.00

CHAPTER- 24

SANITARY INSTALATIONS

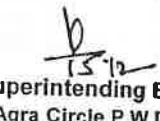
Note : The items should be of I.S.I. Marked conforming to respective IS codes.

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	17.1.1	Each	375.00	3150.00
2		Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: W.C. pan with ISI marked white solid plastic seat and lid		Each	375.00	3150.00
3		Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required:				
A		White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C. P. brass pillar taps.	17.7.1	Each	325.00	1925.00
B		White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	17.7.2	Each	325.00	1725.00
C		White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	17.7.3	Each	325.00	1775.00
D		White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap	17.7.4	Each	325.00	1575.00
4		Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required:				
A		Single half stall urinal with 5 litre PVC. automatic flushing cistern	17.5.1	Each	650.00	5650.00
B		Range of two half stall urinals with 5 litre PVC. automatic flushing cistern	17.5.2	Each	750.00	8850.00
C		Range of three half stall urinals with 10 litre PVC. automatic flushing cistern	17.5.3	Each	850.00	11900.00
D		Range of four half stall urinals with 10 litre PVC. automatic flushing cistern	17.5.4	Each	850.00	13600.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
5		Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:				
A		Kitchen sink with drain board				
		i) 510x1040 mm bowl depth 250 mm	17.10.1.1	Each	600.00	6750.00
		ii) 510x1040 mm bowl depth 225 mm	17.10.1.2	Each	600.00	6500.00
		iii) 510x1040 mm bowl depth 200 mm	17.10.1.3	Each	600.00	5700.00
B		Kitchen sink without drain board				
		i) 610x510 mm bowl depth 200 mm	17.10.2.1	Each	600.00	4000.00
		ii) 610x460 mm bowl depth 200 mm	17.10.2.2	Each	600.00	3750.00
		iii) 470x420 mm bowl depth 178 mm	17.10.2.3	Each	600.00	3950.00
6		Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste and 40 mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required:				
A		Size 450x300x150 mm	17.11.1	Each	600.00	2050.00
B		Size 600x450x200 mm	17.11.2	Each	600.00	2750.00
7		Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	17.31	Each	275.00	1125.00
8		Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC.				
		waste fittings complete.				
A		Semi rigid pipe				
		i) 32 mm dia	17.28.1.1	Each	17.00	62.00
		ii) 40 mm dia	17.28.1.2	Each	17.00	70.00
B		Flexible pipe				
		i) 32 mm dia	17.28.2.1	Each	17.00	68.00
		ii) 40 mm dia	17.28.2.2	Each	17.00	75.00
9		Providing and fixing soil, waste and vent pipes:				
		Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989				
		100 mm dia	17.35.2	RM	70.00	910.00
		75 mm dia	17.35.2	RM	70.00	790.00
10		Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.				
		Sand cast iron S&S as per IS - 3989				
		100 mm dia	17.38.1	Each	50.00	375.00
		75 mm dia	17.38.1	Each	50.00	300.00
11		Providing and fixing plain bend of required degree.				
		Sand cast iron S&S as per IS : 3989				
		100 mm dia	17.39.1	Each	35.00	325.00
		75 mm dia	17.39.1	Each	30.00	240.00
12		Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors:				
		Sand cast iron S&S as per IS: 3989				
		100 mm inlet and 100 mm outlet	17.60.1	Each	55.00	825.00
		100 mm inlet and 75 mm outlet	17.60.1	Each	60.00	865.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
13		Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter:				
		100 mm	17.58.1	Each	35.00	225.00
		75 mm	17.58.1	Each	30.00	195.00
14		Providing and fixing collar:				
		Sand cast iron S&S as per IS - 3989				
		100 mm	17.57.1	Each	35.00	360.00
		75 mm	17.57.1	Each	30.00	185.00
15		Providing and fixing terminal guard:				
		Sand cast iron S&S as per IS - 3989				
		100 mm	17.56.1	Each	35.00	265.00
		75 mm	17.56.2	Each	35.00	240.00
16		Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast Iron/Cast Iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :				
		100 mm dia pipe	17.37.1	Each	20.00	120.00
		75 mm dia pipe	17.37.2	Each	20.00	115.00
17		Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 30x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
		One urinal basin with 5 litre white P.V.C. automatic flushing cistern	17.4.1	Each	650.00	2650.00
		Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	17.4.2	Each	750.00	4250.00
		Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern	17.4.3	Each	850.00	5850.00
		Range of four urinal basins with 10 litre white P.V.C. automatic flushing cistern	17.4.4	Each	950.00	8650.00
18		Providing and fixing one piece construction white vitreous china squatting plate with an integral longitudinal flushing pipe, white P.V.C. automatic flushing cistern, with fittings, standard size G.I. / PVC flush pipe for back and front flush with standard spreader pipes with fittings, G.I. clamps and C.P. brass coupling complete, including painting of fittings and cutting and making good the walls and floors etc. wherever required :				
		Single squatting plate with 5 litre P.V.C. automatic flushing cistern	17.6.1	Each	650.00	3050.00
		Range of two squatting plates with 5 litre P.V.C. automatic flushing cistern	17.6.2	Each	750.00	4550.00
		Range of three squatting plates with 10 litre P.V.C. automatic flushing cistern	17.6.3	Each	850.00	6050.00
		Range of four squatting plates with 10 litre P.V.C. automatic flushing cistern	17.6.4	Each	950.00	7050.00


Sl. No.	PWD Sl No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
19		Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	17.23	Each	225.00	800.00
20		Providing and fixing white vitreous china squatting plate urinal with integral rim longitudinal flush pipe.	17.24	Each	325.00	1200.00
21		Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :				
		Flat back wash basin of size 630x450 mm	17.25.1	Each	85.00	895.00
		Flat back wash basin of size 550x400 mm	17.25.2	Each	85.00	725.00
		Angle back wash basin of size 600x480 mm	17.25.3	Each	85.00	785.00
		Angle back wash basin of size 400x400 mm	17.25.4	Each	85.00	585.00
		Flat back wash basin of size 450x300 mm	17.25.5	Each	85.00	610.00
		Surgeon type wash basin of size 660x460 mm	17.25.6	Each	85.00	1275.00
22		Providing and fixing 100 mm sand cast Iron grating for gully trap.	17.29	Each	7.00	28.00
23		Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				
		Circular shape 450 mm dia	17.32.1	Each	180.00	730.00
		Rectangular shape 453x357 mm	17.32.2	Each	180.00	600.00
		Oval shape 450x350 mm (outer dimensions)	17.32.3	Each	180.00	650.00
		Rectangular shape 1500x450 mm	17.32.4	Each	180.00	1080.00


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CHAPTER- 25 DRAINAGE

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
		(a) 100 mm diameter	19.1.1	RM	35.00	160.00
		(b) 150 mm diameter	19.1.2	RM	40.00	230.00
		(c) 200 mm diameter	19.1.3	RM	40.00	330.00
2		Laying cement concrete 1:5:10 in haunching S.W. pipes including concrete for bedding necessary form. work and curing complete.				
		(a) 100mm dia.	19.2.1	RM	40.00	425.00
		(b) 150mm dia	19.2.2	RM	45.00	670.00
		(c) 200mm dia	19.2.3	RM	50.00	720.00
3		Laying jointing pointing with a stiff mixture of cement mortar in ratio 1:1 (Cement and fine sand) salt glazed half round channels.				
		(a) 100mm dia.	19.2.1	RM	40.00	240.00
		(b) 150mm dia	19.2.2	RM	45.00	350.00
		(c) 200mm dia	19.2.3	RM	45.00	435.00
4		Fixing S.W. gully trap grade "A" complete with C.I. Grating, brick masonry chamber and water tight C.I. Cover frame of 300mm x 300mm size (inside) square mouth traps or "P" or "S" type traps.				
		(a) 100X150mm dia.	19.4.1.2	Each	160.00	1290.00
		(b) 100X100mm dia	19.4.1.1	Each	130.00	1270.00
		(c) 180X150mm dia	19.4.1.3	Each	160.00	1310.00
5		Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) Finished with a floating coat of neat cement complete as per standard design :				
		(a) Inside size 900 x 800mm and 500mm deep including C.I. Cover frame.	19.7.1	Each	1300.00	7300.00
		(b) Inside size 1200 x 1200mm and 1.0meter deep including C.I. Cover frame.	19.7.2	Each	1600.00	15250.00
6		Extra over Item No. 24.27 for every additional depth of 0.10 metre or part there of main hole.				
		(a) Size 900 x 800 mm	19.8.1	RM	70.00	4110.00
		(b) Size 1200 x 900mm	19.8.1	RM	80.00	4920.00

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
11		Replacement of M.S. foot rests in manholes including dismantling concrete blocks and fixing with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) :				
		With 20x20 mm square bar	19.17.1	Each	65.00	290.00
12		Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 80 m :				
		All kinds of soil				
		Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	2.10.1.2	Rm	55.00	170.00
13		Providing and fixing S.W. intercepting trap in manholes with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :				
		(a) 100 mm dia	2.10.1.1	Each	35.00	250.00
		(b) 150 mm dia	2.10.1.2	Each	45.00	340.00


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CHAPTER- 26
ANNUAL REPAIRS

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1	817	Painting letters upto 2.5cm size complete including supply of all items, labour and materials and T&P etc.		Each		6.00
2	818	As in Item No. 817 but size above 2.5cm but upto 8cm		Each		8.50
3	819	As in Item No. 817 but size above 8cm but upto 15cm		Each		10.50
4	820	Repainting letters upto 2.5cm size complete including supply of all material, labour and T&P etc.		Each		5.00
5	821	As in Item No. 820 but Size above 2.5cm but upto 8 cm		Each		5.50
6	822	As in Item No. 820 but size above 8cm upto 15cm.		Each		7.00
7	NS	Painting border line on sign boards etc 2.5cm thick complete item including supply of labour materials and T&P etc.		RM		8.20
8		Same as above Item No. 7 but 1cm thick		RM		7.00
9		Lettering and Painting with enamel paint (renewal coat) Including cost of material, labour and T&P etc Complete.				
		(a) Hectometer Stone		Each		65.00
		(b) Km. Stone (Ordinary)		Each		180.00
		(c) Km. Stone (5th)		Each		240.00
		(d) Boundry Stone		Each		65.00

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CHAPTER- 27
DOOR WINDOW HARDWARE FITTINGS

Sl. No.	PWD SI No	Description of the Item	PWD Specification No.	Unit	LABOUR RATE (Rs)	Over All Rate (Rs)
1	2	3	4	5	6	7
1		Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	9.103	Each	230.00	785.00
2		Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.	9.98	Each	13	65.00
3		Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	9.101.1	Each	7	30.00
		Single rubber stopper	9.101.2	Each	14	80.00
		Twin rubber stopper				
4		Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with necessary screws etc. complete:				
		300X10mm	9.97.1	Each	17	110.00
		250X10mm	9.97.2	Each	16	90.00
		200X10mm	9.97.3	Each	14	75.00
		150X10mm	9.97.4	Each	12	65.00
		100X10mm	9.97.5	Each	10	50.00
5		Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete:				
		125mm	9.100.1	Each	14	70.00
		100mm	9.102.2	Each	10	55.00
6		Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete:				
		125x64x2.50 mm	9.71.1	Each	14	75.00
		100x60x2.50 mm	9.71.2	Each	12	60.00
		75x50x2.50 mm	9.71.3	Each	10	45.00
7		Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-Charge complete.				
		205 X 19 mm	21.11.1	Each	23	225.00
		255 X 19 mm	21.11.2	Each	25	250.00
		355 X 19 mm	21.11.3	Each	28	310.00
		510X19 mm	21.11.4	Each	35	545.00
8		Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	9.84	Each	230	1025.00

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NORMS FOR CONSUMPTION MATERIALS FOR BUILDING WORK

Sl. No.	Item	Unit	CEMENT BAG	W.LIME Cu.M.	SURKHI Cu.M.	F.SAND Cu.M.	C.SAN D	IST BRICK	GRIT Cu.M.	B.BALL Cu.M.
1	2	3	4	5	6	7	8	9	10	11
1	M-150 B.W. in 1:3 lime and surkhi	Cu.M.	-	0.08	0.24	-	-	460	-	-
2	Cement concrete 1:5:10	Cu.M.	2.83	-	-	0.50	-	-	-	1.00
3	Brick work in 1:6 cement and fine sand	Cu.M.	2.83	-	-	0.50	-	-	-	1.00
4	2cm thick D.P.C. 1:2 cement/coarse sand	Sq.M.	0.27	-	-	-	0.02	-	-	-
5	Same as Item 3 above but in 1:3 cement and coarse sand mortar	Cu.M.	2.48	-	-	-	0.27	460	-	-
6	R.B. lintel and railling in 1:3 cement and coarse sand	Cu.M.	3.74	-	-	-	0.33	424	-	-
7	R.C.C. Slab 1:6 mix (for grit)	Cu.M.	3.74	-	-	-	0.45	-	0.90	-
8	R.C.C. Slab 1:6 mix (for river shingle)	Cu.M.	6.10	-	-	-	0.45	-	0.85	-
9	Brick work in 1:4 cement and fine sand	Cu.M.	1.86	-	-	0.27	-	460	-	-
10	Plaster 1:1:6 cement, lime and fine sand	-	-	-	-	-	-	-	-	-
	(a) 10mm thick rough face	Sq.M.	0.057	-	-	0.013	-	-	-	-
	(b) 15mm thick rough face	Sq.M.	0.09	-	-	0.019	-	-	-	-
11	Same as above but 1:4 cement and fine sand under ceiling	Sq.M.	0.114	-	-	0.015	-	-	-	-
12	20mm thick plaster in polished dado or skirting 1:2	Sq.M.	0.242	-	-	-	-	0.018	-	-
13	C.C. floor 1:2:4 plain 4cm thick without brass concrete.	Sq.M.	0.296	-	-	-	0.02	-	0.04	-
14	C.C. floor 1:2:4 plain 2.5cm thick without brass concrete.	Sq.M.	0.219	-	-	-	0.011	-	0.23	-
15	Lime concrete 2.5cm gauge 100:18:36 in roff terracing	Cu.M.	-	0.18	0.36	-	-	-	-	1.00
16	White washing 3 coats	Sq.M.	-	0.11	-	-	-	-	-	-
17	Lime concrete in foundation in 100:16:32	Cu.M.	-	0.15	0.30	-	-	-	-	1.00
18	Surkhi pointing with 1:2 cement and fine sand	Sq.M.	0.045	-	-	0.003	-	-	-	-
19	Cement wash	Sq.M.	0.013	-	-	-	-	-	-	-
20	B.W. in 1:2:9 cement lime and fine sand	Cu.M.	0.80	0.06	-	0.27	-	-	-	-
21	Plaster 1:6 cement and fine sand	-	-	-	-	-	-	-	-	-
	(a) 10mm thick rough face	Sq.M.	0.063	-	-	0.013	-	-	-	-
	(b) 15mm thick rough face	Sq.M.	0.095	-	-	0.019	-	-	-	-

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

IN RESPONSE TO A RESOLUTION OF THE HOUSE OF REPRESENTATIVES, PASSED MAY 1, 1890

RELATIVE TO THE LANDS BELONGING TO THE UNITED STATES

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