

SCHEDULE - A

Name of Work :

Public Works Department

Buildings (C&M) Circle, Salem-7.

Construction of Government High School at Kodakarai in Krishnagiri District

Sl. No.	Approximate Quantity in figures and Words	Description of Works	TNBP /NBC No.	Rate in figures and words (Excluding GST)		Unit in Figures and words	Amount (Excluding GST)	
1	2	3	4	5	Rs.	6	7	Rs.
1	243 M ³ -Two hundred and forty three cubic metre only-	Earthwork excavation for foundation in all soils and sub soils and to full depth as may be directed except in, Hard rock requiring blasting, but inclusive of shoring, strutting and baling out water wherever necessary and refilling the sides of foundation with excavated earth in layers of not more than 15cm thick, well rammed watered consolidated and depositing the surplus earth within the compound in places as shown by the departmental officers with an initial lead, and lift etc., complete complying with standard specifications.	23 & 24			1 M ³ -One cubic metre-		
2	922 M ³ -Nine hundred and twenty two cubic metre only-	Earthwork open Excavation in all soils and sub soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring, strutting and baling out water wherever necessary and depositing the excavated earth within the compound in places shown by the departmental officers with an initial leads and lift etc., complete complying with standard specifications.	23 & 24			1 M ³ -One cubic metre-		

No. of Corrections in Figures
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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
3	27.40 M ³ -Twenty seven decimal four zero cubic metre only-	Cement concrete 1:5:10 (One cement, five crushed stone sand and ten aggregate) using 40mm gauge hard broken granite stone jelly for foundation including dewatering if found necessary and laid in layers of not more than 15cm thick, well rammed, watered etc., complete complying with standard specification	28			1 M ³ -One cubic metre-		
4	58 M ³ -Fifty eight cubic metre only-	Supplying and filling in foundation and basement with filling crushed stone sand in layers of not more than 15cm thick, well rammed, watered and consolidated etc., complete complying with standard specifications.	24 & 25			1 M ³ -One cubic metre-		
5	109 M ³ -One hundred and nine cubic metre only-	Supplying and filling in foundation and basement with conveyed gravel (fit for filling) conveyed from the specified quarry in layers of not more than 15 cm thick watered rammed and well consolidated etc., complete complying with standard specifications.	24 & 25			1 M ³ -One cubic metre-		
6	78 M ³ -Seventy eight cubic metre only-	Refilling with excavated earth other than crushed stone sand and depositing the earth as shown by the departmental officers in layers of not more than 15 cm thick well rammed, watered and consolidated etc. complete complying with standard specification	24 & 25			1 M ³ -One cubic metre-		

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1	2	3	4	5	Rs.	6	7	Rs.
7		Brickwork in cement mortar 1:6 (One cement and Six crushed stone sand) using best quality IInd class ground moulded chamber burnt bricks of size 9"x4³/₈"x2³/₄" for the following including curing etc., complete complying with standard specifications.	31 & Similar to 31C V, VI (SS) VII					
a	43 M ³ -Forty three cubic metre only-	Foundation and basement				1 M ³ (One Cubic Metre)		
b	67 M ³ -Sixty seven cubic metre only-	Super Structure in Ground Floor				1 M ³ (One Cubic Metre)		
c	77 M ³ -Seventy seven cubic metre only-	Super Structure in First Floor				1 M ³ (One Cubic Metre)		
d	33 M ³ -Thirty three cubic metre only-	Super Structure in Second Floor				1 M ³ (One Cubic Metre)		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
7.e	10 M ³ -Ten cubic metre only-	Super Structure in Third Floor				1 M ³ (One Cubic Metre)		
8	12.50 M ³ -Twelve decimal five zero cubic metre only-	Brickwork in cement mortar 1:5 (One cement and five crushed stone sand) using best quality IInd class ground moulded chamber burnt bricks of size 9"x4³/₈"x2³/₄" for the following including curing etc., complete complying with standard specifications. -For Foundation and basement	31 & Similar to 31C V, VI (SS) VII			1 M ³ (One Cubic Metre)		
9	13.80 M ³ -Thirteen decimal eight zero cubic metre only-	Brickwork in cement mortar 1:3 (One cement and three crushed stone sand) using best quality IInd class ground moulded chamber burnt bricks of size 9"x4³/₈"x2³/₄" for the following including curing etc., complete complying with standard specifications. -For Foundation and basement	31 & Similar to 31C V, VI (SS) VII			1 M ³ (One Cubic Metre)		
10	40.50 M ² -Forty decimal five zero square metre only-	Damp proof course in cement mortar 1:4 (One cement and four crushed stone sand) 12mm thick mixed with water proofing compound conforming to I.S. at 2% by weight of cement used., complete complying with standard specifications.	38			1 M ² -One square metre-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
11	195 M ² -One hundred and ninety five square metre only-	Supplying and erecting Steel shuttering including necessary supports for Plane Surfaces in foundation and basement for reinforced cement concrete works such column footings, plinth beam, Grade beam , Stair Case steps, bed blocks etc., which requires only nominal strutting using stiffened with mild steel sheets of suitable size 90cm x60cm and BG 10 stiffened with mild steel angles of size mm of 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at about 60 cm centre to centre and supported by the casurina props of 10 cm to 13 cm dia paced at 75 cm centre to centre or at suitable intervals etc., complete complying with standard specifications. - The payment for centering shall be made only after the concrete laid. The retrieved materials should be taken back by the contractor-.	30, 44H			1 M ² -One square metre-		
12		Supplying and Erecting, Steel Centering for sides and soffits including supports and strutting upto 3.29m height for plane surfaces as detailed below in all floors with all cross bracings using mild steel sheets of size 90cmX60cm and BG 10 gauge stiffened with welded mild steel angles of size 25mmX25mmX3mm for boarding laid over silver oak joists of size 10cmX6.50cm spaced at about 90cm centre to centre and supported by Casurina props of 10cm to 13cm dia spaced at not less than 75cm centre to centre at	30, 44H					

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1	2	3	4	5	Rs.	6	7	Rs.
12	contd.,	suitable intervals etc., complete in all floors as directed by the departmental officers complying with standard specifications. The payment for centering shall be made only after the concrete laid. The retrieved materials should be taken back by the contractor.-						
a	1237 M ² -One thousand two hundred and thirty seven square metre only-	Plane surfaces such as RCC floor slab, roof slab , rectangular, square, Tee or Ell beam, lintels, bed blocks staircase waist slab, landing slab, landing beams, portico beams, portico slab etc.,				1 M ² -One square metre-		
b	556 M ² -Five hundred and fifty six square metre only-	Plane surface such as RCC square or rectangular columns , top and bottom slab of sunshade , boxing sill slabs, etc.,				1 M ² -One square metre-		
13		Providing and laying in position, standardised concrete Mix M.20 Grade in accordance with IS:456-2000, using 20mm and down graded hard broken granite stone jelly for all RCC items of works with minimum cement content of 325 kg/ms and maximum water cement ratio of 0.55, including admixture (plasticiser / super plasticiser) in recommended proportions as per IS:9103 to accelerate, retard setting of concrete, improve workability without	30 V, VI, (SS) VII & 13					

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1	2	3	4	5	Rs.	6	7	Rs.
13	contd.,	impairing strength and durability with about (5 cu.m.) 7730 kg. of 20mm machine crushed stone jelly and with about (3.3 cu.m.) 5156 kg. of 10-12mm machine crushed stone jelly and with about (4.79 cu.m.) 7670 kg. of crushed stone sand, but excluding cost of reinforcement grill and fabricating charges, centering and shuttering and also including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor/ roof slabs wherever necessary without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers. The coarse and fine aggregates to be used should comply with the requirements of IS standards. (No separate payment will be made by the Department for the excess usage of materials).						
a	64.20 M ³ -Sixty four decimal two zero cubic metre only-	For Foundation and Basement				1 M ³ -One cubic metre-		
b	75 M ³ -Seventy five cubic metre only-	For Super Structure in Ground Floor				1 M ³ -One cubic metre-		

1	2	3	4	5	Rs.	6	7	Rs.
13.c	72 M ³ -Seventy two cubic metre only-	For Super Structure in First Floor				1 M ³ -One cubic metre-		
d	36.10 M ³ -Thirty six decimal one zero cubic metre only-	For Super Structure in Second Floor				1 M ³ -One cubic metre-		
e	7 M ³ -Seven cubic metre only-	Super Structure in Third Floor				1 M ³ (One Cubic Metre)		
14	0.50 M ³ -Zero decimal five zero cubic metre only-	Plain Cement Concrete 1:2:4 (one cement, two crushed stone sand and four hard broken stone jelly) using 20mm jelly for wearing coat including laying, compacting, finishing and curing, etc., complete as per standard specificatins and as directed by the departmental officers.	28			1 M ³ (One Cubic Metre)		
15	329 Qtl -Three hundred and twenty nine quintal only-	Supplying, fabricating and placing in position Mild steel or Ribbed tor steel in all size for all RCC works as per the design given including cost of steel and binding wire in all floors etc., complete complying with standard specifications. (The contratctor will have to make his own arrangements for the supply of MS plain rod / RTS rod and binding wire)	74, 85 & 86			1 Qtl -One Quintal-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
16		Brick partition wall using best quality IInd class Ground moulded chamber burnt bricks of size 9"x4³/₈"x2³/₄" in Cement Mortar 1:3 - One Cement and three crushed stone sand - including supplying and fixing hoop iron reinforcement if considered necessary by the departmental officers as directed etc., complete complying with standard specifications (The hoop reinforcement will be measured & paid separately)	28 & 39H					
a	56 M ² -Fifty six square metre only-	For Super Structure in Ground Floor in 11.50cm thickness.				1 M ² -One square metre-		
b	20.20 M ² -Twenty decimal two zero square metre only-	For Super Structure in First Floor in 11.50cm thickness.				1 M ² -One square metre-		
c	2 M ² -Two square metre only-	For Super Structure in Second Floor in 11.50cm thickness.				1 M ² -One square metre-		

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1	2	3	4	5	Rs.	6	7	Rs.
17	25 M ³ -Twenty five cubic metre only-	Weathering course concrete using best quality broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be added) over the RCC roof slabs in the proportion of brick jelly to lime being 32:12.5 by volume and laid over in a single layer and consolidated to the required designed and finished thickness by beating the concrete with wooden beaters of approved pattern keeping the surface constantly wet by sprinkling lime jaggery water as per standard specification etc., complete complying with standard specification.- For First floor	51 (10-1)			1 M ³ -One Cubic Metre-		
18	331 M ² -Three hundred and thirty one square metre only-	Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three Crushed stone Sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
19	38.50 M ³ -Thirty eight decimal five zero cubic metre only-	Cement concrete 1:5:10 (One cement, five crushed stone sand and ten aggregate)using 40mm gauge hard broken granite stone jelly for flooring base including consolidating as per standard specification, curing and rendering the top surface rough to received floor finish etc., complete complying with standard specifications.	28			1 M ³ -One cubic metre-		
20	103 Rm -One hundred and three running metre only-	Supplying and fixing in position best approved ISI Special quality PVC Rainwater Downfall pipes of 110mm dia having working pressure of 4kg/cm ² including cost of PVC pipe, with necessary shoes, bends, nails, teakwood plugs, screws etc, and fixing of cast iron gratings of required dia metre and special clamps at junction of parapet and the RCC roof slab including finishing neatly etc., complete. The rate shall be inclusive of cost of removable cast iron gratings. The size of teak wood plugs to be used shall be 150mm x 25mm in front and 200mm x 75mm in rear and all other sides to a depth of 100mm. The PVC pipe shall be fixed with teakwood plugs by means of "U" Clamps using brass screws. Special types of "U" clamp at the centre of the pipeline shall be fixed in addition to those for more than 3 metre pipe length complying with standard specifications.				1 RM -One Runnig metre-		

1	2	3	4	5	Rs.	6	7	Rs.
21		<p>Manufacturing supplying and fixing of steel door with the following specification ms angle of size 40x40x6mm at 3.5 kg/m. used for outer frame and ms angle of size 35x35x5mm at 2.6 kg/m for the shutter frame stiffness with 32x6mm at 1.5kg/m ms flat is provided as the lock rail of the door and welded intact on both ends to the shutter frame 18 GCR sheets of best quality is laid as panel in the shutter frames 18x5mm at 0.70 kg/m ms flat are provided diagonally on the rear side of the shutter 2Nos of hinges incase of single leaf and 4Nos hinges incase of double leaves shutter are provided 6Nos hold fast 200mm length at end are welded to outer frame of the door tower bolts 2Nos one at the top and another at the bottom are provided one aldrop is provided incase of single leaf door at lock rail section in the door</p> <p>in double leaves door one more aldrop is provided in the inner side of the lock rail section of the door. One rotating locking arrangements for the inner side of the door and additional provisions for locking arrangements for the lock is provided on the rare side of the door at an appropriate place in case of double leaves door. In double leaves door one more aldrop is provided in the inner side of the lock rail section of the door. One rotating locking arrangements for the inner side of the door and additional provisions for locking arrangements for the lock is provided on</p>						

1	2	3	4	5	Rs.	6	7	Rs.
21	contd.,	the rare side of the door at an appropriate place in case of double leaves door. MS flat 32x3mm at 1.10 kg/m is provided on the edge of the one shutter to conceal the gap between the two shutters. A tie bar is provided at the bottom of the outer frame to prevent twisting of the frame during transportation and fixing. All members of given one coat of red oxide premier as directed by the departmental officers the rate includes the cost of all materials labour charges transportation taxes and all other incidental charges etc complete.						
a	14.70 M ² -Fourteen decimal seven zero square metre only-	Single leaf				1 M ² -One square metre-		
b	20.20 M ² -Twenty decimal two zero square metre only-	Double leaves				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
22	8.20 M ² -Eight decimal two zero square metre only-	Manufacturing, supplying and fixing of steel entrance doors with the following specification, MS Angle of Size 40 x 40 x 6mm at 3.5 Kg / m used for outer frames and MS Angle of size 35 x 35 x 5mm at 2.6 Kg / m for the shutter frames. Stiffeners with MS Flat 32 x 6mm at 1.50 Kg / m is provided for fixing the aldrop for the door and welded intact 18 gauge CR Sheet is laid as panel in the shutters and welded intact of 1/3 bottom portion of the shutters, 2/3 portion at top provided with MS Grill at 20 Kg / m ² as per design and laid as panel in the shutters. Necessary 'J' section having MS Angle 46 x 25 x 3mm at 2.28 Kg / m is provided in between MS Grill and CR Sheet for compact fixing of the grill and sheet in position. The design and style for the upper panel should be approved by the departmental officers. MS Flat 18 x 5mm at 0.7 Kg / m is welded as additional stiffeners at the rear side of the shutter in the bottom panel for strength and durability. MS Flat 32 x 3mm at 1.10 Kg / m is provided over the edge of one shutter in case of double door, to conceal the gap between the shutters. 2 Nos. of hinges in case of single leaf door and 4 Nos. of hinges in case of double leaf doors are provided at an appropriate place in the outer frame. 5 Nos. of hold				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
22	contd.,	<p>fasts of 200mm in length spliced at the ends are welded to the outer frame of the door. Tower bolts 2 Nos. one at top and the other at the bottom are provided. In case of single leaf door one number aldrop is provided at an appropriate place in the doors; two numbers aldrop in double leaves door.</p> <p>A tie bar is provided at the bottom of the outer frame to prevent twisting of frame during transportation and fixing. All members are given one coat of red oxide primer as directed by the departmental officers. The rate includes cost of all materials, labour charges, taxes, transportation to site of work, loading, unloading and all other incidental charges, etc., complete. Double leaf</p>						
23	11.10 M ² -Eleven decimal one zero square metre only-	<p>Supplying and fixing Solid PVC Door shutters using 19 Gauge 19mm MS Sq. tubes for styles and outer frames. 15mm MS Sq. tubes for top, lock and bottom rails. The Steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm X 30mm. The over all size of top rail, lock rail and bottom rail shall be 75mmX 30mm. The over all size of frames shall be 50mm X 45mm, with suitable rebate for housing the shutter.</p>				1 M ² -One Square Metre-		

1	2	3	4	5	Rs.	6	7	Rs.
24		<p>Fabricating, Supplying and fixing in position of steel sheeted windows with the following specifications. Outer frames of windows made of 'Z' section F7D of size 33 x 25 x 3mm at 1.419 kg/ m and mullion 'J' section (F4B) of size 46x25x3mm at 2.28kg/m and shutter section of made of F7D of 33x25x3mm at 1.419 kg/m as specified in IS 7452/1990. Each openable shutter should not exceed a width of 600mm to enable separate operations and easy maintenance. The panel of the shutters to be covered with 18 gauge cold rolled sheet of superior quality and welded intact with shutter frames. Horizontal stiffeners using 18x5mm MS Flat at 0.70kg/m at 3 Nos. for each shutter and additional diagonal stiffeners of the same MS flats at all the four corners of each shutters to the suitable length welded to the shutters, for holding the CR Sheets in position firmly.</p> <p>2 numbers of sturdy hinges and one number of handle-cum-latch of special type made with 18x5mm MS flats are revetted to the shutters at an appropriate height in window. suitable opening is left for its easy operation. a stopper square rod for handle is provided in the mullion section at suitable place to catch the window handle. each window shutter having an adjustable stay made out of 18 x 5mm at 0.70 kg/ m MS flat of length 320mm with three adjustable position.</p>						

1	2	3	4	5	Rs.	6	7	Rs.
24 contd.,		A matching peg is provided in the outer frame of the window at suitable place. 4 Nos. of hold fasts of 120mm length spliced at the ends are welded to the outer frame of the window by using MS flat of 18x5mm at 0.70kg/m, welded to the shutter at two place equivalent from each from top and bottom of the shutter. An MS square bar of 12mm size is welded to the inner face of the window at an equal interval not exceeding 100mm edge between them. All members are painted with one coat of anti-corrosive red oxide primer as directed by the departmental officers. All sections should be in confirmed with IS 7452/1990. The cost includes cost of all materials, labour charges and other incidental charges, etc., complete						
a	48.10 M ² -Forty eight decimal one zero square metre only-	Four leaves				1 M ² -One square metre-		
b	7.80 M ² -Seven decimal eight zero square metre only-	Two leaves				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
25	17.70 M ² -Seventeen decimal seven zero square metre only-	<p>Fabricating, supplying and fixing of steel Emergency exitdoor cum, emergency window with the following specification. M.S. angle in size 40x40x6mm are used for the outer frames and M.S. angle of size 35x35x5mm for the shutter frame, stiffeners with 32x6mm M.S. flats provided at required intervals in the shutter frames 18 gauge CR sheet is laid as panel and welded instant for 1/3 bottom portion of the shutter, M.S. flat 18x5mm is welded over the 32x6mm M.S flat sandwiching the CR sheet in between additional stiffener with 18x5mm M.S. flat is provided diagonally at the rear-side of the shutter. The balance 2/3 portion at top is provided with grill at an average weight of 15kg/m² and the top portion of operation</p> <p>emergency window is to be made of 25x25x3mm M.S. angle welded intact with CR sheet and 25x3mm M.S. flat at diagonally at the near side of the window at required intervals 6 Nos. of hinges to be provided, 6 Nos of holdfast 100mm in length made of angle section spliced at the ends are welded to the outer frame of the door. Tower bolts 2 Nos. one at top and the other at the bottom are to be provided one aldrop is provided at an appropriate place in the door 2 Nos. of 'D' type handle for emergency window and 2 Nos of handle for door is to be provided at appropriate places. A tie bar is provided at the bottom of the outer frame to prevent twisting of frame during transportation of fixing.</p>				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
25	contd.,	All members are given one coat of red oxide primer as directed by the departmental officers. The rate includes cost of materials, labour transportation to side of works, loading, unloading and all other incidental charges etc., complete.						
26	4.90 M ² -Four decimal nine zero square metre only-	Supplying and fixing in position Glazed steel ventilator with Side/Central hung shutters(Two Leaves) frames and made shutter frame made out of steel section conforming to IS 7452 /1990.The outer frame made out of z section (F7D) of size 33 x22 x3 mm conforming to IS 7452/1990.The mullions are made out of (F4B) section of size 46x25x3 mm and conforming to IS7452/1990.The shutters are individual and each of them can be operated separately.Sash bars are made of T section (T2) of size 25 x 22 x 3mm 2 nos of sturdy hinges and one number of handle cum latch of special type are fixed are each openable shutter with suitable opening in left for its easy operation, one member of adjustable strings with fixing brackets of sufficient length are provided for each shutter 4 nos of 40 x 40 x 3 mm angle hold fast 230mm length are welded with the frame at appropriate point M.S Square bars of 12 mm dia is welded to the inner face of the ventilator at equal intervals not exceeding 10 cm spacing 3mm pin headed glass is used for Glazing with good quality anf fixed with 15 x 12 mm teak wood beadings with				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
26	contd.,	screws for fixing .The shutters are to open outside.All the section are given with one coat of red oxide primeretc., complete complying with standard specification.The sample of materials and fittings shall be got approved by the departmental officers before use on work. (The rate shall inclusive of cost all materials labour charges one coat of primer,weld charges, including cost of welding electrodes,transportation to site work, loading,unloading and incidental charges etc., complete complvng with standard specification.						
27	1719 Kg -One thousand seven hundred and nineteen kilogram only-	Supplying and Fixing M.S grill to opening corridor 74, 85 & 86 sides, ladder Entrance gate and Name board angles etc., Using necessary M.S flat for inner members and outer members which should be fixed to window members frames as directed by departmental officers inclusive of cost of providing one coat of best quality red oxide primer. -The design of M.S. grill should be got approved from departmental officers before use on works.-					1 Kg -One kilo gram-	
28	25.70 M ² -Twenty five decimal seven zero square metre only-	Supplying and fixing in position steel balustrades using 20mm square rods spaced at 150mm centre to centre so that the two balustrades in each step shall be placed centrally and the top of balustrades connected with the hand rails (cost of hand rail shall be measured and paid separately) by means of MS flats of size					1 M ² -One square metre-	

1	2	3	4	5	Rs.	6	7	Rs.
28	contd.,	40mm x 6mm in the groove 40mm x 6mm provided at the bottom of hand rail; the bottom of balustrades shall be fixed on to the top of step concrete. An additional MS flat of size 50mm x 6mm shall be provided at the centre of balustrades connecting all square rods to the entire length including cost of square rods, flat and applying one coat of red oxide primer to the iron surfaces, etc., complete complying with standard specification and as directed by the departmental officers.						
29	32.10 Rm -Thirty two decimal one zero running metre only-	Supplying and fixing 40mm dia GI pipe for staircase hand rail including labour charges for cutting, welding and fixing with MS flats (excluding cost of flat), etc., as directed by the departmental officers	Special			1 RM -One Running metre-		
30	725 M ² -Seven hundred and twenty five square metre only-	Paving the floor with fine polished kota stone slab of size above 600 x 600 of 18 / 20mm in all floors laid in of cement mortor 1:3 (one cement three M.sand), 20mm thick and pointed with colour cement neatly including polishing with polishing stone and oxalic acid etc., so as to perfectly smooth and glossy and including hire charges for polishing machine and power consumption charges etc. The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard speicification.				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
31	7.10 M ² -Seven decimal one zero square metre only-	Paving the floor with best quality Vetrified Tiles of size 600 x 600 x 8mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three crushed stone sand) 20mm thick in all floors and the top pointed with the white cement mixed same colour pigments etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)				1 M ² -One square metre-		
32	33.30 M ² -Thirty three decimal three zero square metre only-	Flooring with following Ceramic Tiles of size 305 x 305 x 6mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three Crushed stone sand) base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3 Kg. / sq.m. etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)				1 M ² -One Square Metre-		
33	64 M ² -Sixty four square metre only-	Dadoing walls with 300x450x8mm best approved quality colour glazed tiles set in Cement Mortar 1:2 (One Cement and Two M.sand) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 Kg. /sq.m. neatly in all floors, curing, etc., complying with standard specification and as directed by the departmental officers.				1 M ² -One Square Metre-		

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1	2	3	4	5	Rs.	6	7	Rs.
34	21.60 M ² -Twenty one decimal six zero square metre only-	Paving the floor with pre-polished concrete anti-skid tiles (Required shape and design) of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three crushed stone sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 Kg. / sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers.	41 B General 39 A & J			1 M ² -One square metre-		
35		Casting and fixing of reinforced cement concrete pre-cast slab of the following thickness in cement concrete 1:2:4 (One cement, two crushed stone sand and four hard broken stone jelly) excluding the cost of reinforcement grill in position but including moulding charges, casting of slab, finishing, curing, and fixing the precast slab in position, in cub boards, record racks, kitchen, platforms etc., complete complying with standard specification.	28,30 V, VI (S2) S.VI(5- A) VII					
a	4 M ² -Four square metre only-	25 mm thick using 10 to 12mm size machine crushed hard granite stone jelly.				1 M ² -One Square Metre-		

1	2	3	4	5	Rs.	6	7	Rs.
35.b	3.10 M ² -Three decimal one zero square metre only-	50 mm thick using 20 mm size machine crushed hard granite stone jelly.				1 M ² -One Square Metre-		
c	7 M ² -Seven square metre only-	75 mm thick using 20 mm size machine crushed hard granite stone jelly.				1 M ² -One Square Metre-		
36	1994 M ² -One thousand nine hundred and ninety four square metre only-	Plastering with cement mortar 1:5 (One cement and five plastering sand) 12mm thick in all floors complying with standard specifications and as directed by the departmental officers.	56 & 57			1 M ² -One square metre-		
37	1684 M ² -One thousand six hundred and eighty four square metre only-	Special ceiling plastering and finishing the exposed surfaces of RCC work such as RCC slabs, sunshades, fascia, canopy slab, staircase. Waist slab landing slab etc., with cement mortar 1:3 (One cement and three plastering sand) 10mm thick including hacking and providing necessary cement mortar nosing, beading etc., wherever necessary and as directed with the same cement mortar etc., complete complying with standard specifications as directed by the departmental officers.	56 & 57			1 M ² -One square metre-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
38	66 M ² -Sixty six square metre only-	Plastering with cement mortar 1:3 (One cement and three plastering sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used for bottom slab of sump and water tank etc. complete complying with standard specifications and as directed by the departmental officers.	56 & 57			1 M ² -One square metre-		
39	138 M ² -One hundred and thirty eight square metre only-	Providing Granolithic pattern floor finish of the 25mm thickness with plain cement concrete 1:2:4 (One cement, two Crushed stone sand and four aggregate) using 10 mm to 12mm size hard broken granite stone jelly and top rubbed smooth and grooves shall be cut in the concrete for floor finishing at spacing not exceeding 3 metre on both directions using Groove cutting machine, etc., complete complying with standard specifications in all floors.				1 M ² -One square metre-		
40	411 M ² -Four hundred and eleven square metre only-	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over one coat of red oxide priming coat in all floors including cost of priming coat etc., complete complying with standard specification. (The make, quality and colour of paint should be got approved by the Executive Engineer before use on works.)	66 & 66A			1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
41	2169 M ² -Two thousand one hundred and sixty nine square metre only-	Supplying and painting the walls with two coats of oil bound distemper over one coat of water based cement primer including cost for distemper, primer, cleaning and scrapping the walls, rendering the walls smooth with necessary putty, brushes, scaffolding arrangements, labour charges, etc., as per standard specification. (The colour and shade of the distemper shall be got approved by the Executive Engineer before use of work).	65A			1 M ² -One square metre-		
42	2072 M ² -Two thousand and seventy two square metre only-	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.				1 M ² -One square metre-		
43		Supplying, laying and jointing UPVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary	97 & 102					

1	2	3	4	5	Rs.	6	7	Rs.
43	contd.,	brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works. -External Water Supply Arrangements -Above ground level						
a	24 Rm -Twenty four running metre only-	20 mm dia UPVC Pipe				1 Rm -One running metre-		
b	24 Rm -Twenty four running metre only-	25 mm dia UPVC Pipe				1 Rm -One running metre-		
c	30 Rm -Thirty running metre only-	32 mm dia UPVC Pipe				1 Rm -One running metre-		
44		Supplying, laying and jointing UPVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing UPVC specials using UPVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs,						

1	2	3	4	5	Rs.	6	7	Rs.
44	contd.,	PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works.-Internal Water Supply Arrangements -Above ground level						
a	9 Rm -Nine running metre only-	20 mm dia UPVC Pipe				1 Rm -One running metre-		
b	48 Rm -Forty eight running metre only-	25 mm dia UPVC Pipe				1 Rm -One running metre-		
c	20 Rm -Twenty running metre only-	32 mm dia UPVC Pipe				1 Rm -One running metre-		

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1	2	3	4	5	Rs.	6	7	Rs.
45		Supplying UPVC Specials (with working pressure 10 kg. / sq.cm.) in water supply arrangements (both in internal and external water supply arrangements- Since the labour for cutting, threading / pasting, sundries have already been included under pipe line item of works, no separate provision for fixing UPVC specials needs to be allowed						
a	6 Nos -Six numbers only-	20 mm dia UPVC Union				1 No -Each-		
b	6 Nos -Six numbers only-	25 mm dia UPVC Union				1 No -Each-		
c	5 Nos -Five numbers only-	32 mm dia UPVC Union				1 No -Each-		
d	5 Nos -Five numbers only-	20 mm dia UPVC Elbow				1 No -Each-		
e	7 Nos -Seven numbers only-	25 mm dia UPVC Elbow				1 No -Each-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
45.f	6 Nos -Six numbers only-	32 mm dia UPVC Elbow				1 No -Each-		
g	6 Nos -Six numbers only-	15 mm dia UPVC Nipple				1 No -Each-		
h	6 Nos -Six numbers only-	20 mm dia UPVC Nipple				1 No -Each-		
i	4 Nos -Four numbers only-	25 mm dia UPVC Nipple				1 No -Each-		
j	6 Nos -Six numbers only-	20mm dia UPVC tee				1 No -Each-		
k	5 Nos -Five numbers only-	25mm dia UPVC tee				1 No -Each-		
l	5 Nos -Five numbers only-	20mm x 15mm dia UPVC Reducer				1 No -Each-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
45.	5 Nos -Five numbers only-	32mm x 25mm dia UPVC Reducer				1 No -Each-		
m								
n	6 Nos -Six numbers only-	25mm x 20mm dia UPVC Reducer				1 No -Each-		
46		Supplying and fixing in position first quality and Similar approved variety of Gun metal Gate Valve / Wheel to 97 & Valve with BIS make of the following dia including cost of shellac, thread balls, etc., complete complying with standard specifications (for both internal and external water supply arrangements). The valves to be used on work shall be got approved by the Executive Engineer before use on work.	102					
a	2 Nos -Two numbers only-	25 mm dia Gun Metal Gate Valve				1 No -Each-		
b	2 Nos -Two numbers only-	32 mm dia Gun Metal Gate Valve				1 No -Each-		

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1	2	3	4	5	Rs.	6	7	Rs.
47	20 Nos -Twenty numbers only-	Supplying and fixing in position best variety and approved quality, heavy type brass chromium plated 15mm dia Screw down Tap (heavy duty) of approved make conforming to I.S.Specification and quality including cost of shellac thread etc., and including cutting and threading of GI pipe white lead etc.complete complying with Standard specification. (The C.P.Brass Screws Down Tap should be got approved by the Executive Engineer before use)				1 No -Each-		
48	5 Nos -Five numbers only-	Supplying and fixing in position best quality and approved make Indian made white glazed earthenware wash hand basin of size 550 x 400mm (without pedestal) with a pair of cast iron brackets, including cost 15mm dia brass CP pillar tap, 32mm dia "B" class GI waste pipe with rubber plug and chain, 15mm dia GM wheel valve, 15mm brass nipple, 15mm dia nylon connection, 32mm dia CP brass waste coupling including fixing of wash basin using CI brackets on to the wall in position with TW plugs and screws, rubber washers, white lead and giving necessary water supply connection and painting the brackets with two coat of painting over a priming coat of anti-corrosive paint including testing for leakages etc., complete	102 & 103			1 No -Each-		

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1	2	3	4	5	Rs.	6	7	Rs.
49	6 Nos -Six numbers only-	Supplying and fixing in position Indian water closet (Oriya Type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with crushed stone sand cushion and forming flooring alround the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two crushed stone sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to CI soil pipes (including the cost of 110mm dia CI soil pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).	Special			1 No -Each-		
50	6 Nos -Six numbers only-	Supplying and fixing position PVC Nahani Trap / Floor Trap of the Nahani Trap of size 100 x 75mm with pvc gratings with best stainless steel gratings of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:5 (One part of lime, two part of sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three sand) including dismantling masonry works wherever found necessary and making good the dismantled	102 &103			1 No -Each-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
50	contd.,	portions to the original condition and giving connection to the CI / PVC pipes, etc., complete complying with standard specification. (The Nahani Trap should be got approved by the Executive Engineer before use on works)						
51	1 No -One number only-	<p>Supplying and fixing in position white glazed European Water Closet of best quality and approved make with 100 mm "P" or "S" trap connecting with CI pipe of 100mm dia / PVC pipe of 110mm dia, double flapped rigid PVC black seat and seat cover with CP brass hinges including cost of white cement, cement for packing, spun yarn, teak wood plugs, brass screws, etc., including supplying and fixing 10 litres capacity PVC / 12.5 litres capacity porcelin low</p> <p>level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valvewith polythene float with brass handle, union, coupling connected by means of 40mm white PVC flush hand using Indian adopter joint including all internal fittings..... such as 15mm brass connections, 15mm GM wheel valve, 15mm brass nipple (2 Nos.), 15mm nylon connection, TW plugs, screws and also giving necessary connection to the PVC pipe including cost of 600mm length of 110mm dia PVC pipe and</p>					Special	1 No -Each-

1	2	3	4	5	Rs.	6	7	Rs.
51	contd.,	painting the CI brackets with 2 coats of approved paint over one coat of red oxide primer, dismantling the masonry and re-doing the dismantled masonry to original condition etc. complete complying with standard specifications. (The EWC and flushing tank wiht all accessories should be got approved by the Executive Engineer before use on works)						
52		Supplying and fixing in position " PVC Soil waste pipes " of pressure - 6kg/cm2 of the following best approved quality and make conforming to ISS of the following diameter and providing leak proof joints with cement, spun yarn etc., including fixing the wall with necessary teak wood plugs, brass screws, mild steel clamps etc., and giving connections to all sanitary fittings including dismantling brick masonry, RCC floor or roof slab etc., wherever necessary and redoing the disturbed porition to the original condition including painting the cast iron pipes and fitting with two coats of anti-corrossive paint etc., complete complying with standard specifications- below Ground Level						
a	45.50 Rm -Forty five decimal five zero running metre only-	75mm dia PVC Pipe					1 Rm -One running metre-	

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1	2	3	4	5	Rs.	6	7	Rs.
52.b	80 Rm -Eighty running metre only-	110mm dia PVC Pipe				1 Rm -One running metre-		
53		Supplying and fixing in position PVC specials of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. (The PVC specials should be got approved by the Executive Engineer before use on works).	Special IX(S2) 9.33 & Similar to 97, 102					
a	12 Nos -Twelve numbers only-	110 mm dia PVC Plain Tee				1 No -Each-		
b	8 Nos -Eight numbers only-	110 mm dia PVC Door bend				1 No -Each-		
c	12 Nos -Twelve numbers only-	110 mm dia PVC Plain Bend				1 No -Each-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
53.d	5 Nos -Five numbers only-	110 mm dia PVC Door Tee				1 No -Each-		
e	6 Nos -Six numbers only-	75 mm dia PVC Plain Tee				1 No -Each-		
f	6 Nos -Six numbers only-	75 mm dia PVC Door bend				1 No -Each-		
g	6 Nos -Six numbers only-	75 mm dia PVC Plain Bend				1 No -Each-		
h	6 Nos -Six numbers only-	75 mm dia PVC Door tee				1 No -Each-		
54	10 Rm -Ten running metre only-	Supplying, laying and jointing glazed stoneware pipes of 100 mm dia stone ware pipe of approved best quality with spigot and socket ends (in reverse direction) in dry condition and laid in loose joints (i.e) without cement and spun yarn, so that the waste water can be drained to the trenches already available, excluding cost of earth work excavation, cost of re-	96 & 97			1 Rm -One running metre-		

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1	2	3	4	5	Rs.	6	7	Rs.
54	contd.,	filling with crushed stone sand / earth, but including laying the pipe in true alignment and gradient and conducting required water supply test for draining with necessary tools and plants etc., complete.						
55	1 No. -One number only-	Supplying and fixing in position CI manhole covers with CI frames (Heavy duty) of size 60cm x 60cm of best approved quality as per standard specification etc., complete complying with standard specifications	Special			1 No - Each -		
56	1 No. -One number only-	Supplying and fixing PVC ventilating shaft of 110mm dia (having working pressure 4 kg. / sq.cm) with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers	Special			1 No - Each -		
57	3 Nos -Three numbers only-	Supplying and fixing in psotiion Indian make bewelled edge mirror of approved quality and brand of size 600x450x5.5mm.shelf type with necessary plywood backing, rubber bottoms, brass CP screws, T.W.plugs etc.,complete complying with standard specification.(The mirror should be got approved by the Executive Engineer before use on works)	Special			1 No - Each -		

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1	2	3	4	5	Rs.	6	7	Rs.
58	7 Nos -Seven numbers only-	Supplying and fixing in position best approved quality Alu.anodised Towel rail 600mm length 20mm.diametre with brackets of same material including cost of teak wood plugs and etc.complete complying with standard specifications.(The towel rail should be got approved by the Executive Engineer before use on works.)	Special			1 No -Each-		
59	4 Nos -Four numbers only-	Supply and fixing in position of best Indian make white glazed earthenware lipped mouth flat back urinal of best quality and approved make of size 430mm x 260mm x 350mm with GI pipe, 32mm dia bell mouth PVC connection and waste pipe, 15mm dia GI pipe of required length, 15mm dia GM wheel valve, 15mm dia brass nipple 2 Nos., and fixing the urinals in position with necessary TW plugs, clamps, screws, etc., including dismantling masnory and re-doing the same to the original condition, etc., including painting the pipe with two coats of best quality approved synthetic enamel paint over one coat of red oxide primer and checked without any leakage etc. complete complying with standard specifications and as directed by the departmental officers.	Special			1 No -Each-		

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Superintending Engineer, P.W.D.,
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1	2	3	4	5	Rs.	6	7	Rs.
60	3.80 M ³ -Three decimal eight zero cubic metre only-	Supplying and filling 40mm size HBG Stone jelly for Special dispersion trench as directed by departmental officers complying with std specification.				1 M ³ -One cubic metre-		
61	3.80 M ³ -Three decimal eight zero cubic metre only-	Supplying and filling 20mm size HBG Stone jelly for Special dispersion trench as directed by departmental officers complying with std specification.				1 M ³ -One cubic metre-		
62	21.30 M ² -Twenty one decimal three zero square metre only-	Supplying and fixing fine polished cuddapah slab of 20 / 30mm thickness for cup-board arrangements including laying to correct alignment with necessary cement mortar and black powder etc, complete complying with standard specification and as direct.				1 M ² -One square metre-		
63	2 Nos -Two numbers only-	Supplying and fixing in position best quality approved make white glazed earthenware sink of size of 600 x 450 x 200mm including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works]				1 No -Each-		

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1	2	3	4	5	Rs.	6	7	Rs.
64	210 Rm -Two hundred and ten running metre only-	Drilling of 6" (150mm) dia vertical bores in hard rock areas to any required depth as directed by the Departmental Officers including Labooour charges for inserting casing pipes assembling in the drilled including welding thejoints wherever necessary and grouting the casing pipe etc., the rate shall inclusive of transportations chaargers for the rig and supporting vehicle from one place to another excluding cost of casing pipe etc., complete as directed by the Executive Engineer.-	Special			1 Rm -One running metre-		
65	20 Rm -Twenty running metre only-	Supplying suitable PVC casing pipe for 160mm dia bore (6kg/cm2) best approved quality with ISI mark with necessary PVC coupling etc.,(The PVC pipe should be got approved by departmental officers should be got approved by departmental officers before execution.) with slot.	Special			1 Rm -One running metre-		
66	1 No -One number only-	Supplying and fixing of suitable PVC endcap (6kg/cm2) for 160mm dia borewell of best quality with ISI mark (The PVC endcap should be got approved by departmental officer before execution).	Special			1 No -Each-		
67	250 Rm -Two hundred and fifty running metre only-	Supplying of best and approved quality of 40mm dia HDPE Pipe of the following size including laying in the borewell and tying with copper wire etc., complying with standard Specification.	Special			1 RM -One Runnig metre-		

1	2	3	4	5	Rs.	6	7	Rs.
68	220 Rm -Two hundred and twenty running metre only-	Supplying of best and approved quality of Nylon rope of 20mm dia size including laying in the bore well and tying with copper wire it etc commplete complying with standard specification.	Special			1 RM -One Runnig metre-		
69	220 Rm -Two hundred and twenty running metre only-	Supply and fixing of water proof 3 core 2.5 sq.m flat P.V.C insulated copper cable for submersible pumpset in the borewell including fixing and fying with copper wire and clamping water pipe etc., complete as directed by the departmental officers .	Special			1 RM -One Runnig metre-		
70	1 No -One number only-	Supplying and fixing ISI make submersible pump of 5 HP/ 5.0 Kw model CSM-9 with outer dia 50mm of IS 14220 specification with submersible S/D starter of 8.9 - 13.50 A rekat range with 13.5 A rating and 380-415 V AC coil voltage as per specification. Providing necessary panel board with DOL bush button starter with over load relay three phase preventer indicating lamps ON/OFF switches-1 No automanual selection switch complete as directed etc, complete.	Special			1 No -Each-		
71	1 Set -One set only-	Supply and fixing in position of 3 phase Wall mounting Panel Board consisting of following 1. Relaying with ISI mark. 2. Contract unit with ISI mark. 3. Condeser with ISI mark. 4. Volt meter and Ammeter suitable for above pumpset etc., complete.				1 Set -set-		

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1	2	3	4	5	Rs.	6	7	Rs.
72	1 Set -One set only-	Supplying and erecting 1.0 HP Jet Pump Set with ISI mark with necessary accessories (motor should be got approved by Executive Engineer before use on works) complete complying with standard specification.				1 Set -set-		
73	2 Nos -Two numbers only-	Supplying and fixing best quality and make of ready mixed HDPE water storage tanks having 1000 litres capacity made of PVC materials including necessary provision for conveying, jointing delivery line, scour pipe, over flow pipe etc., and lifting the tank to the top of the building placing in position etc., complete as directed by the departmental officers. etc complete.	97 & 102			1 No -Each-		
74	42.20 M ² -Forty two decimal two zero square metre only-	Providing Black Board in two layers with first layer in cement mortar 1:5 (One cement and five plastering sand) 20 mm thick and the second layer in combination mortar 1:1:6 (One cement, one lime and six P.sand) 20 mm thick and providing band around the black board in cement mortar 1:5 (One cement five P.sand) 20 mm thick and 50mm width including cost of one coat Black oxide paint of approved quality etc., complete complying with standard specifications and as directed by the departmental officers.				1 M ² -One square metre-		

1	2	3	4	5	Rs.	6	7	Rs.
75		Supplying and Fixing of Dye Cast letters of following size to suit the Architectural elevation drawings given for the including Cost, conveyance and all other materials and Labours involved etc., complete and as directed by the Department Officers.						
a	20 Nos -Twenty numbers only-	Aluminium Dye cast 6" letters				1 No -Each-		
b	40 Nos -Forty numbers only-	Aluminium Dye cast 9" letters				1 No -Each-		
c	1 No -One number only-	18" dia Brass Emblem				1 No -Each-		
76	1 Set -One Set only-	Supplying and erecting in position of 250 liters capacity Industrial Model Reverse Osmosis Water-cum-Purifier to deliver Potable Water with World Health Organisation (WHO) Standards with following accessories. (a) MS Skid - 1 No. (b) Media 11054 No. Vessel with 20 nb Multiport Valve (with Media Pubble and Fine Sand and Activated Carbon Filling) set (c) Feed Pump 0.50 HP – 1 No. (d) Vertical Pump 2-9, 2.00 HP / Single Phase – 1 No.				1 Set -Set-		

1	2	3	4	5	Rs.	6	7	Rs.
76	contd.,	(e) Membrane 40 x 40 filmtech (or) equilaents /Osmonic (USA) - 1 No. and Membrane Pressure Vessel 40 x 40 -1 No. & Pressure Gauge - 2 Nos. (f) Flow Meter - 1 No. 20" Filter with Housing - 1 No. Low Pressure Switch - 1 No., Level Switch - 1 No. & Necessary CPVC Pipes and Fittings. The system shall be provide with Two Panel Control System with necessary Stainless Valves and Fittings and Float Control etc. The rate should be inclusive of all civil works, wherever necessary to install the System in position and intact						
77	3 Nos -Three numbers only-	Supply and fixing of Water CO₂ Stored Pressure Type 9 litres capacity Fire Extinguisher as per new IS 15683 complete with control valve, gun metal cap, pressure gauge, operation sticker, discharges hose, wall mounting bracket, safety clip, etc., as directed by Departmental Officers.					1 No -Each-	
78	1 No -One number only-	Supplying and fixing of Napkin Incinerator for Girls Toilets including cost of conveyance and fixing charges etc., complete as directed by the departmental officers.					1 No -Each-	

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1	2	3	4	5	Rs.	6	7	Rs.
79	6 Nos -Six numbers only-	Construction of INSPECTION CHAMBER following clear sizes including earth work excavation, CC 1:5:10 of 10 cm thick and brick work in Cement Mortar 1:5 [One cement and Five sand] using best quality of second class Table Mould Bricks of size 9" x 4 ³ / ₈ " x 2 ³ / ₄ " with Plastering with Cement Mortar 1:3 [One Cement and Three Plastering Sand] 12 mm thick to inner and outer sides and wearing coat 1:3:6 [One Cement, Three crushed stone sand and Six Aggregate] 15 cm thick and covered with precast slab 5 cm thick etc., complete complying as directed by the departmental officers as per standard specification.- CLEAR SIZE 0.60 X 0.60				1 No -Each-		
Net Total								
Add GST 12%								
Gross Total								

Total Number Of Items: 79 [Seventy nine Only]
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No. of Corrections in Figures
 No. of Corrections in Words
 No. of Overwriting in Figures
 No. of Overwriting in Words

Contractor

Superintending Engineer, P.W.D.,
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