

SCHEDULE - A

Name of Work : Construction of Veterinary Dispensary Building at Kelamangalam in Krishnagiri District.

Tender Date
EMD Rs.

Sl. No.	Approximate Quantity.	Description of Work	TNBP No.	Rate in figures & Words	Unit of Calculation	Amount
1	2	3	4	5	6	7
1	130.50 (One Hundred and Thirty Point Five Zero Cubic metre only)	M ³ Earth work excavation for foundation in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the surplus earth within the compound in places shown by the departmental officers with an initial lead of 10 mts and initial lift of 2 mts. and clearing and levelling the site, etc., complete.	23 & 24	172.30 (Rupees One Hundred and Seventy Two and Paise Thirty Only)	1 M ³ (One cubic metre only)	22485
2	314.00 (Three Hundred and Fourteen Cubic metre only)	M ³ Earth work open excavation in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 mts. within the compound in places shown by the departmental officers.	23 & 24	80.55 (Rupees Eighty and Paise Fifty Five Only)	1 M ³ (One cubic metre only)	25293
3	17.70 (Seventeen Point Seven Zero Cubic metre only)	M ³ Cement Concrete 1:5:10 (One Cement, Five M.sand and Ten hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc. complete complying with standard specification.	Special	4247.80 (Rupees Four Thousand Two Hundred and Fourty Seven and Paise Eighty Only)	1 M ³ (One cubic metre only)	75186
4	21.10 (Twenty One Point One Zero Cubic metre only)	M ³ Supplying and filling in foundation, basement, etc with filling sand in layers of not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.	Special	1439.84 (Rupees One Thousand Four Hundred and Thirty Nine and Paise Eighty Four Only)	1 M ³ (One cubic metre only)	30381

1	2	3	4	5	6	7
5	31.20 (Thirty One Point Two Zero Cubic metre only)	M ³ Refilling with excavated earth other than sand with an initial head load of 100 mts. 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.	Special	33.60 (Rupees Thirty Three and Paise Sixty Only)	1 M ³ (One cubic metre only)	1048
6	31.20 (Thirty One Point Two Zero Cubic metre only)	M ³ Supplying and filling the foundation and Basement with Gravel with 5Km.of conveyance in layers of not more than 15cm.thick well rammed, watered and consolidated with complete complying with Standard specification.	Special	283.30 (Rupees Two Hundred and Eighty Three and Paise Thirty Only)	1 M ³ (One cubic metre only)	8839
7		Brick work in following Cement Mortar 1:6 (One Cement Six Sand) using best quality II class Ground moulded chamber burnt bricks of size 9" x 4-3/8" x 2-3/4" for foundation and basement including curing, etc., complete complying with standard specification.	31 & 31c			
a	29.00 (Twenty Nine Cubic metre only)	M ³ For Foundation and basement		6303.20 (Rupees Six Thousand Three Hundred and Three and Paise Twenty Only)	1 M ³ (One Square metre only)	182793
b	29.00 (Twenty Nine Cubic metre only)	M ³ For Super structure in Ground floor		6371.20 (Rupees Six Thousand Three Hundred and Seventy One and Paise Twenty Only)	1 M ³ (One Square metre only)	184765

1	2	3	4	5	6	7
8		Brick work in following Cement Mortar using best quality Ground moulded chamber burnt bricks of size 9" x 4-3/8" x 2-3/4" in Cement Mortar 1:3 (One Cement and Three Sand) using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. (Hoop iron reinforcement will be measured and paid for separately)				
a	17.00 (Seventeen Cubic metre only)	M ³ For Foundation and basement		6660.90 (Rupees Six Thousand Six Hundred and Sixty and Paise Ninety Only)	1 M ³ (One Square metre only)	113235
9		Brick partition walls of 11.50cm thickness using best quality II class Ground moulded chamber burnt bricks of size 9" x 4-3/8" x 2-3/4" in Cement Mortar 1:3 (One Cement and Three Sand) using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. (Hoop iron reinforcement will be measured and paid for separately)	31 & 31c			
a	98.00 (Ninety Eight Cubic metre only)	M ³ In Ground Floor		859.90 (Rupees Eight Hundred and Fifty Nine and Paise Ninety Only)	1 M ³ (One Square metre only)	84270
10	22.50 (Twenty Two Point Five Zero Cubic metre only)	M ³ Damp proof course with Cement Mortar 1:4 (One Cement and Four sand) 12mm thick mixed with best approved quality water proofing compound conforming to Indian Standard specification as specified by the departmental officers at 2% by weight of cement used, finishing and curing etc. complete complying with standard specification.	Special	228.95 (Rupees Two Hundred and Twenty Eight and Paise Ninety Five Only)	1 M ³ (One cubic metre only)	5151

1	2	3	4	5	6	7	
11	80.00 (Eighty Square metre only)	M ²	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid)	30(S) 86 86 A V, VI (S3) VII	747.70 (Rupees Seven Hundred and Fourty Seven and Paise Seventy Only)	1 M ² (One Square metre only)	59816
12			Supplying and erecting, centering for sides and soffits including supports and strutting upto 3.29 M., high for plane surfaces such as RCC slabs, Rectangular beams, Tee (or) Ell beams, lintels, Bed Block, slabs, landing beam, conapy side slab, or boxing (or) vertical slabs, rectangular (or) square (or) round columns etc.,as detailed below with all cross bracings using M.S.Sheets of size 90 cm x 60 cm., and B.G.10 Stiffended with welded M.S.Angles of size 25mm x 25mm x 3mm., for boarding laid over silver oak (or) country wood joist of size 10cm.,x 6.5cm., spaced at about 90cm centre to centre and supported by casurina props 10cm to 13cm dia spaced out 75cm., centre to centre or at suitable intervals etc., complete complying with standard specification as directed.	30(S) 86 86 A V, VI (S3) VII			
a	283.00 (Two Hundred and Eighty Three Square metre only)	M ²	For plane surfaces such as RCC floor slab, roof slab, beams, lintels, bed blocks, landing slab, waist slab, portico slabs and beams, etc.		840.35 (Rupees Eight Hundred and Fourty and Paise Thirty Five Only)	1 M ² (One Square metre only)	237819
b	136.00 (One Hundred and Thirty Six Square metre only)	M ²	For plane surfaces such as rectangular or square RCC columns, sunshades, top and bottom slab of RCC boxing, etc.		924.40 (Rupees Nine Hundred and Twenty Four and Paise Fourty Only)	1 M ² (One Square metre only)	125718

1	2	3	4	5	6	7
13		Providing and laying in position, standardised concrete Mix M-20 Grade in accordance using 20mm and down graded hard broken granite stone jelly for all RCC items of works with within 4m ⁵ 6c-e2m00e0nt, 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 impairing strength and durability with about (5 cu.m) 7730 kg of 20mm machine crushed stone jelly and with about (4.79 cu.m) 7670 kg of 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 clamos 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)	56 & 57			
a	25.20 (Twenty Five Point Two Zero Cubic metre only)	M ³ In foundation and basement		7083.14 (Rupees Seven Thousand Eighty Three and Paise Fourteen Only)	1 M ³ (One cubic metre only)	178495
b	37.90 (Thirty Seven Point Nine Zero Cubic metre only)	M ³ In Ground floor		7186.44 (Rupees Seven Thousand One Hundred and Eighty Six and Paise Forty Four Only)	1 M ³ (One cubic metre only)	272366

1	2	3	4	5	6	7
14	76.40 (Seventy Six Point Four Zero Quintal only)	Qtl Supplying, fabricating and placing in position Mild Steel / Ribbed Tor Steel grills for all RCC works as per design given including cost of steel and G.I. binding wire in all floors etc. complete complying with standard specification. (Contractor has to make his own arrangements for the supply of steel and binding wire)	86, 86A	7839.80 (Rupees Seven Thousand Eight Hundred and Thirty Nine and Paise Eighty Only)	1 Qtl (One Quintal only)	598961
15	1.00 (One Cubic metre only)	M ³ Cement Concrete 1:3:6 (One Cement, Three sand and Six broken stone jelly) using 40mm size hard broken stone jelly for dummy columns, excluding cost of centering shuttering reinforcement grills and fabrication charges but including curing etc. complete. For Foundation & Basement	Special	4762.70 (Rupees Four Thousand Seven Hundred and Sixty Two and Paise Seventy Only)	1 M ³ (One cubic metre only)	4763
16	24.15 (Twenty Four Point One Five Cubic metre only)	M ³ Cement Concrete 1:5:10 (One cement, Five sand and Ten hard broken stone) using 40 mm gauge hard broken jelly for flooring including laying, consolidating, finishing, rendering the top surface rough to receive the floor, curing, etc. complete complying with standard specification.	56 & 57	4247.80 (Rupees Four Thousand Two Hundred and Fourty Seven and Paise Eighty Only)	1 M ³ (One cubic metre only)	102584
17	26.00 (Twenty Six Running metre only)	Rm Supplying and fixing pressed steel door frames (For Single / Double Leaf) using pressed steel frame of size 105 x 60mm, using Mild Steel sheets 1.25mm thick (18 guage) specia; profile extruded section. The pressed steel frame should be as per IS 4351 / 1976. The rate is inclusive of bottom tie, hold fast and provision to fix aldrop, tower bolt, hinges and lock plate etc.,		392.85 (Rupees Three Hundred and Ninety Two and Paise Eighty Five Only)	1 Rm (One Running metre only)	10214

1	2	3	4	5	6	7	
18	9.30 (Nine Point Three Zero Square metre only)	M ²	Supplying and fixing door shutters for Medium Density Fibre board of exterior grade, Both side Pre laminated including external lipping with Kiln dried soft wood of 35mm thick conforming to IS 12406 / 1989 with necessary adhesive and C.P. screws, including fixing of aldrops, tower bolts, hinges and lock strike plates, putty, fevical, varnish for T.W. lipping with thinner colouring agent etc., The rate includes cost of materials and cost for aluminium furniture fittings such as 3 nos Alu. hinges 125mm, 1 no Alu. aldrip 250 x 16mm, 1no Alu. tower bolt of 300x12mm and 1 no Alu. tower bolt of 200x12mm, 2 Nos Alu. Handles, 1 no door stopper with rubber bush incase of Single leaf door inclusive of labour charges for fixing in position etc., complete. All Aluminium furniture fittings are to be anodised with matt finish under electrically controlled condition in accordance with ISI specification 1868/1968 for anodic film thickness of not less than 15 microns, The rate is inclusive cost of fevical and fixing charges, transportation, loading, unloading and all other incidental charges, handling charges etc., complete complying with standard specification.	Special	3308.00 (Rupees Three Thousand Three Hundred and Eight Only)	1 M ² (One Square metre only)	30764

1	2	3	4	5	6	7
19		Manufacturing supplying and fixing of steel door with the following specification MS angels of size 40x40x6mm are used for the outer frames and M.S. angles of size 35x35x6mm for the shutter frames stiffeners with 32 x 6mm M.S flat is provided at required intervals in the shutter frame. 18-gauge C.R. sheet laid as panel in the shutter and welded intact. M.S. flat 18x5mm is welded over the 32 x 6mm M.S. flat sandwiching the C.R. sheet in between additional stiffeners with 18x5mm M.S. flat is provided diagonally at the rear side of the shutter, 3nos. of hinges in case of single leaf and 6nos. of hinges in double leaves shutter to be provided 6nos. of holdfasts 120 mm in length made of angle section spliced at the ends are welded to the outer frames of the door. Tower bolts 2nos. one at the top and the other at the bottom are provided 1no. Aldrop is provided incase of double leaf door at lock rail section in the door in single leaf door, one more aldrop is provided in the inner lock rail section of the door One rotaing locking arrangements for the inner side of the door and additional provision for locking arrangements for lock is provided on the rear side of the door at an appropriate place. Incase of double leaf door M.S.Flat 32 x 3mm at 1.1Kg/m is provided on the one shutter t conceal the gap between the two shutters.at an appropriate place in the door. A tie bar is provided at the bottom of the frame to prevent twisting of frame during transportation and fixing. All members are given a coat of red oxide primer as directed by the departmental officers. The rate includes cost of all materials, labour charges, transportation to site of work, loading, un loading and all other incidental charges etc., complete.				
a	3.20 (Three Point Two Zero Square metre only)	M ² Double leaves		4776.00 (Rupees Four Thousand Seven Hundred and Seventy Six Only)	1 M ² (One Square metre only)	15283

1	2	3	4	5	6	7
20	4.40 (Four Point Four Zero Square metre only)	M ² Fabricating, Supplying and fixing in position of steel sheeted windows (Two Leaves) 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.	Special	3313.00 (Rupees Three Thousand Three Hundred and Thirteen Only)	1 M ² (One Square metre only)	14577

1	2	3	4	5	6	7
21	<p>Manufacturing and supplying and fixing of STEEL WINDOWS and ventilators of the following specifications. The outer frames of windows are made of Z section (F7D) of size 33 x 22 x 3 mm @ 1.419 Kg/m and mullions of ' J ' section (F4B) of size 46 x 22 x 3mm @ 2.28 Kg/m shutters made out of F7D section of ize 33 x 22 x 3 mm @ 1.419 kg/m. Each openable shutter should not exceed a width of 600mm to enables separate operation and easy maintenance. 2 Nos of sturdy hinges and one no. of handle cum latch of special type made with 18 x 5 M.S. flat are riveted to the shutters at an appropriate height in the window. Suitable opening is left for it's 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 adustable stay made out of 18 x 5mm at 0.70 kg/ m MS flat of lenght 320mm with three adjustable position. 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.</p>					
a	9.40 (Nine Point Four Zero Square metre only)	M ² Two leaves		3993.00 (Rupees Three Thousand Nine Hundred and Ninety Three Only)	1 M ² (One Square metre only)	37534

1	2	3	4	5	6	7
22	3.80 (Three Point Eight Zero Square metre only)	M ²	Supplying and fixing PVC sliding door with Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames. 15mm MS square 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 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rabate for housing the shutter.	Special 3459.00 (Rupees Three Thousand Four Hundred and Fifty Nine Only)	1 M ² (One Square metre only)	13144
23	27.60 (Twenty Seven Point Six Zero Square metre only)	M ²	Manufacturing, supplying and fixing of Entrance steel doors with the following specification M.S angles of a size 40x40x6mm are used for the outer frames and M.S. angles of size 35x35x5mm for the shutter frames stiffeners with 32x6mm M.S. flat is provided at required intervals in the shutter frames 18 gauge C.R. sheet is laid as panel in the shutter and welded intact for 1/3 bottom portion of the shutter. M.S. flat 18x5mm is welded over the 32x6mm M.S. flat sand witching 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 20 kg/sq.m with 300mm hieght of fixed glazing at top with 3mm thick Pin Headed glass including 6 Nos hinges for double leaves shutter to be t of all meterials, labour charges, taxes, transportation to site of work, loading, unloading and all other incidental charges etc., complete.	Special 3943.00 (Rupees Three Thousand Nine Hundred and Fourty Three Only)	1 M ² (One Square metre only)	108827
24	519.00 (Five Hundred and Nineteen Kilo Gram	Kg	Supplying and fixing mild steel grills for windows, ventilators and 61 V, VI collapsible gate etc., including priming coat. (S4) 3	90.20 (Rupees Ninety and Paise Twenty Only)	1 Kg (Kilo Gram only)	46813.80

1	2	3	4	5	6	7
25	1.10 (One Point One Zero Square metre only)	Kg	Supplying and Fixing in position steel glazed Ventilators with central hung swing shutter using F7D section of size 30x25x3mm for inner outer frames with 4 Nos. Of 12mm dia MS sq.bars for protection and 2 Numbers of clamps welded with outer frame., using necessary M.S. flats for inner member and outer members which should be fixed as directed by dept officers.	Special 4312.00 (Rupees Four Thousand Three Hundred and Twelve Only)	1 M ² (One Square metre only)	4743
26			Supplying and fixing in position best approved of BIS quality PVC rain water down fall pipes 110 mm dia having a pressure of 4 kg. / sq.cm including cost of necessary PVC shoe, PVC bend, cast iron gratings of required diameter and special clamps, brass screws, nails, etc., and fixing of cast iron gratings at junction of parapet and the RCC roof slab including finishing neatly etc., complete.	Special		
a	16.00 (Sixteen Running metre only)	Rm	110 mm dia PVC Rain water down fall pipe	532.70 (Rupees Five Hundred and Thirty Two and Paise Seventy Only)	1 Rm (One Running metre only)	8523
27	19.60 (Nineteen Point Six Zero Zero Square metre only)	M ²	Supplying and fixing fine polished cuddapah slab of following 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.	Special 469.55 (Rupees Four Hundred and Sixty Nine and Paise Fifty Five Only)	1 M ² (One Square metre only)	9203
28	8.00 (Eight Square metre only)	M ²	Flooring with following ceramic tiles of size 305 x 305 x 6 mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three 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.	39A & 39J 929.25 (Rupees Nine Hundred and Twenty Nine and Paise Twenty Five Only)	1 M ² (One Square metre only)	7434

1	2	3	4	5	6	7	
29	24.00 (Twenty Four Square metre only)	M ²	Dadoing walls with following best approved quality, white / colour glazed tiles of following sizes set in Cement Mortar 1:2 (One Cement and Two 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.,	39A & 39J	1217.40 (Rupees One Thousand Two Hundred and Seventeen and Paise Fourty Only)	1 M ² (One Square metre only)	29218
30	2.00 (Two Numbers Only)	Nos	Supplying and fixing in position white / colour 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 level flushing tank with a pair of CI brackets, etc., complete with all fittings such as 15mm brass ball valve with 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 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.	Special	4804.52 (Rupees Four Thousand Eight Hundred and Four and Paise Fifty Two Only)	1 No. (Each)	9609

1	2	3	4	5	6	7
31		Supplying and fixing in position best quality and approved make Indian made white / colour glazed earthenware wash hand basin of size 550 x 400mm (with pedestal / 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 complying with standard specification and as directed by the departmental officers. (The wash hand basin and specials should be got approved by the Executive Engineer before use on works).	Special			
a	2.00 (Two Numbers only)	Nos Without Pedestal		4289.00 (Rupees Four Thousand Two Hundred and Eighty Nine Only)	1 No. (Each)	8578
32	1.00 (One Square metre only)	M ² Supplying and fixing in position best quality Cuddapah sink 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	Special	2147.00 (Rupees Two Thousand One Hundred and Forty Seven Only)	1 M ² (One Square metre only)	2147

1	2	3	4	5	6	7	
33	337.00 (Three Hundred and Thirty Seven Square metre only)	M ²	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three M.sand) 10mm thick including hacking the surfaces, providing cement mortar nosing, beading for sunshades, staircases, steps, landing slabs and curing, etc., in all floors complying with standard specification and as directed by the departmental officers.	31 & 31c	251.00 (Rupees Two Hundred and Fifty One Only)	1 M ² (One Square metre only)	84587
34	700.87 (Seven Hundred Point Eight Seven Square Metre only)	M ²	Plastering with Cement Mortar 1:5 (One cement and Five M.sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.	56 & 57	218.70 (Rupees Two Hundred and Eighteen and Paise Seventy Only)	1 M ² (One Square metre only)	153280
35	125.00 (One Hundred and Twenty Five Square Metre only)	M ²	Plastering with Cement Mortar 1:3 (One Cement and Three Sand) 12mm thick mixed with water proofing compound conforming to BIS at 2% by weight of cement used including finishing, curing, etc., complete in all floors complying with standard specification and as directed by the departmental officers.	56 & 57	240.40 (Rupees Two Hundred and Fourty and Paise Fourty Only)	1 M ² (One Square metre only)	30050
36			Providing granolithic floor finish of the following thickness with plain cement concrete 1:2:4 (One Cement, Two sand and Four aggregate) using 10 to 12mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trawl, thread lining, curing etc. complete complying with standard specification and as directed by the departmental officers. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers)	Special			

1	2	3	4	5	6	7
a	31.30 (Thirty One Point Three Zero Square metre only)	M ² 40mm Thick	Special	231.80 (Rupees Two Hundred and Thirty One and Paise Eighty Only)	1 M ² (One Square metre only)	7255
37	95.50 (Ninety Five Point Five Zero Square metre only)	M ² Paving the floor with best quality Verified Tiles of size 600 x 600 x 8mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three 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)	Special	1367.20 (Rupees One Thousand Three Hundred and Sixty Seven and Paise Twenty Only)	1 M ² (One Square metre only)	130568
38		Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs of following thickness in RCC 1:2:4 (one cement, two sand and four aggregates), using following HBGS jelly excluding cost of reinforcement steel in position but including cost of moulding charges, casting of slab, finishing, curing and fixing in position in all floors etc., complete complying with standard specification and as directed.	Special			
a	6.80 (Six Point Eight Zero Square metre only)	M ³ 50mm slab (Using 20m HBGS Jelly)		458.50 (Rupees Four Hundred and Fifty Eight and Paise Fifty Only)	1 M ² (One Square metre only)	3118
39	6.55 (Six Point Five Five Cubic metre only)	M ³ Plain Cement Concrete 1:2:4 (one cement, two sand and four hard broken stone jelly) using 20mm jelly for wearing coat including laying, compacting, finishing and curing, etc.,	56 & 57	5769.10 (Rupees Five Thousand Seven Hundred and Sixty Nine and Paise Ten Only)	1 M ³ (One Cubic metre only)	37788

1	2	3	4	5	6	7
40	11.50 (Eleven Point Five Zero Cubic metre only)	M ³ Weathering course in brick jelly lime concrete using broken brick jelly of size 20mm uniform gauge in pure slaked lime (no sand to be used) to the proportion of brick jelly to lime being 32:12.5 by volume and laid over the RCC roof slab in a single layer of required slope and finished by beating the concrete with wooden beaters of approved pattern, keeping the surface constantly wet by sprinkling lime jaggery water, etc., complete as per standard specification and as directed by the departmental officers.	Special	3510.50 (Rupees Three Thousand Five Hundred and Ten and Paise Fifty Only)	1 M ³ (One cubic metre only)	40371
41	157.00 (One Hundred and Fifty Seven Square metre only)	M ² 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 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.	Special	1060.50 (Rupees One Thousand Sixty and Paise Fifty Only)	1 M ² (One Square metre only)	166499
42	43.60 (Forty Three Point Six Zero Square metre only)	M ² 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 M.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. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)		1223.25 (Rupees One Thousand Two Hundred and Twenty Three and Paise Twenty Five Only)	1 M ³ (One Square metre only)	53334
43	2.00 (Two Numbers only)	No 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 compying with standard specifications.	Special	2338.00 (Rupees Two Thousand Three Hundred and Thirty Eight Only)	1 No (Each)	4676

1	2	3	4	5	6	7
44	624.92 (Six Hundred and Twenty Four Point Nine Two)	M ²	Supplying and painting the walls with two coats of oil bound distemper 61 V, VI over one coat of water based cement primer including cost for (S4) 3 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	173.35 (Rupees One Hundred and Seventy Three and Paise Thirty Five Only)	1 M ² (One Square metre only)	108330
45	416.95 (Four Hundred and Sixteen Point Nine Five Square metre only)	M ²	Painting the wall two coats with approved weather proof Exterior 61 V, VI Emulsion paint over one primer coat of over cement plastered wall (S4) 3 surface ect., complete complying with standard specification.	211.80 (Rupees Two Hundred and Eleven and Paise Eighty Only)	1 M ² (One Square metre only)	88310
46	67.30 (Sixty Seven Point Three Zero Square metre only)	M ²	Painting new iron works such as steel doors, windows, ventilators, 66 & window bars, balustrades etc., with two coats of best approved first 66A quality and colour of synthetic enamel paint over the existing red oxide priming coat in all floors excluding 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.)	126.20 (Rupees One Hundred and Twenty Six and Paise Twenty Only)	1 M ² (One Square metre only)	8493
47	40.50 (Forty Point Five Zero Square metre only)	M ²	Painting New wood work with Two finishing coats of synthetic enamel ready mixed paint of approved quality and colour over one coat priming coat in all floors including the cost of primer 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.)	Special 212.90 (Rupees Two Hundred and Twelve and Paise Ninety Only)	1 M ² (One Square metre only)	8622

1	2	3	4	5	6	7
48	310.00 (Three Hundred and Ten Running Metre Only)	Rm	Drilling of 160mm dia vertical bores in hard rock areas to any required depth as directed by the Departmental Officers including Laboour 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 295.00 (Rupees Two Hundred and Ninety Five Only)	1 Rm (One Running metre only)	91450
49	30.00 (Thirty Running Metre Only)	Rm	Supplying of best approved quality of PVC casing pipe of 6" dia for borewell with socket end to suit borewell of required depth -6kg/cm2 best approved quality with ISI mark with necessary PVC coupling etc.,	Special 481.00 (Rupees Four Hundred and Eighty One Only)	1 Rm (One Running metre only)	14430
50	1.00 (One Number only)	No	Supplying and fixing of suitable PVC endcap (6kg/cm2) for 7" dia borewell of best quality with ISI mark	Special 137.50 (Rupees One Hundred and Thirty Seven and Paise Fifty Only)	1 No (Each)	138
51	1.00 (One Set Only)	Set	Supplying & fixing of 7.50 H.P Borewell compressor with 5.00 HP motor with heavy duty double cylinder air lifting compressor with stand pulli guard with 2hp 1440 Rpm 220V,50 Hz , 220V ,single phase ,TEFC heavy duty motor complete set with Vee belt& Foot valve ,Pump size water pipe 1 " and air pipe 1/2" etc., complete.	special 65000.00 (Rupees Sixty Five Thousand Only)	1 Set (One Set only)	65000
52			Supllyng of best and approved quality of HDPE pipe of following size including laying in the basement and tying with copper wire etc., complete complying with standard specification.	Special		
a	310.00 (Three Hundred and Ten Running Metre Only)	Rm	40 mm dia HDPE pipe	Special 117.00 (Rupees One Hundred and Seventeen Only)	1 Rm (One Running metre only)	36270

1	2	3	4	5	6	7
b	310.00 (Three Hundred and Ten Running Metre Only)	Rm	20 mm dia HDPE pipe	Special 34.00 (Rupees Thirty Four Only)	1 Rm (One Running metre only)	10540
53	1.00 (One Number Only)	Nos	Supplying and fixing wall mounting of Panel board with following accessories a.Suitable DOL type push button automatic starter etc., complete.	13260.00 (Rupees Thirteen Thousand Two Hundred and Sixty Only)	1 No (One Number only)	13260
54	1.00 (One Number Only)	Nos	Supplying and fixing of 1.5 HP jet pump Motor etc, complete.	15300.00 (Rupees Fifteen Thousand Three Hundred and Only)	1 No (One Number only)	15300
55			Supplying, laying and jointing CPVC. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing CPVC. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., (BGL)	Special		
a	20.00 (Twenty running metre only)	Rm	32 mm dia CPVC pipe	386.80 (Rupees Three Hundred and Eighty Six and Paise Eighty Only)	1 Rm (One Running metre only)	7736
56			Supplying, laying and jointing CPVC. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing CPVC. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., (AGL)	Special		

1	2	3	4	5	6	7
a	14.00 (Forteen running metre only)	Rm 50 mm CPVC pipe		478.50 (Rupees Four Hundred and Seventy Eight and Paise Fifty Only)	1 Rm (One Running metre only)	6699
b	20.00 (Twenty running metre only)	Rm 25 mm CPVC pipe		306.20 (Rupees Three Hundred and Six and Paise Twenty Only)	1 Rm (One Running metre only)	6124
c	20.00 (Twenty running metre only)	Rm 20 mm CPVC pipe		243.50 (Rupees Two Hundred and Fourty Three and Paise Fifty Only)	1 Rm (One Running metre only)	4870
57	Supplying and fixing in position the following CPVC Specials of heavy Special type and approved quality and good variety excluding fixing charges but including necessary cutting and threading of CPVC pipes, jointing the CPVC specials and painting with two coats with good variety and best quality synthetic enamel paint over a coat of red oxide primer and jointing the specials with pipe line using shellac etc.					
a	5.00 (Five Numbers only)	No 25mm Dia CPVC Elbow		48.10 (Rupees Fourty Eight and Paise Ten Only)	1 No (Each)	241
b	5.00 (Five Numbers only)	No 25 mm dia CPVC Union		132.10 (Rupees One Hundred and Thirty Two and Paise Ten Only)	1 No (Each)	661

1	2	3	4	5	6	7
c	6.00 (Six Numbers only)	No	25 mm dia CPVC Bend	44.80 (Rupees Fourty Four and Paise Eighty Only)	1 No (Each)	269
d	5.00 (Five Numbers only)	No	20 mm dia CPVC Elbow	22.80 (Rupees Twenty Two and Paise Eighty Only)	1 No (Each)	114
e	4.00 (Four Numbers only)	No	20mm dia Tee	37.40 (Rupees Thirty Seven and Paise Fourty Only)	1 No (Each)	150
58	6.00 (Six Numbers only)	No	Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification.	400.65 (Rupees Four Hundred and and Paise Sixty Five Only)	1 No. (Each)	2404
59			Supplying and fixing in position first quality and approved variety of Gun metal Gate Valve / Wheel Valve with BIS make of the following dia including cost of shellac, thread balls, etc., complete.	Special		
a	2.00 (Two Numbers only)	No	32 mm dia gate valve	Special 1190.80 (Rupees One Thousand One Hundred and Ninety and Paise Eighty Only)	1 No (Each)	2382

1	2	3	4	5	6	7
60		Supplying and fixing in position best quality PVC soil / waste pipes of various dia having 6 kg / sq.cm. pressure BIS mark and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC / MS clamp, teak wood plugs, brass screws, etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever found necessary and making the good dismantled portion to the original condition, including testing for any leakages, etc., complete complying with standard specifications. (The PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earth work excavation will be measured and paid separately in the cases where the pipe lines are proposed to laid below ground level	Special			
a	20.00 (Twenty running metre only)	Rm 110mm dia PVC soil / waste pipe		447.60 (Rupees Four Hundred and Fourty Seven and Paise Sixty Only)	1 Rm (One Running metre only)	8952
b	24.00 (Twenty Four running metre only)	Rm 75mm dia PVC soil / waste pipe		343.40 (Rupees Three Hundred and Fourty Three and Paise Fourty Only)	1 Rm (One Running metre only)	8242
61		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.	Special			
a	4.00 (Four Running Metre Only)	Rm 110 mm dia PVC pipe		356.40 (Rupees Three Hundred and Fifty Six and Paise Fourty Only)	1 Rm (One Running metre only)	1426

1	2	3	4	5	6	7
b	2.00 (Two Running Metre Only)	Rm 75 mm dia PVC elbow		352.90 (Rupees Three Hundred and Fifty Two and Paise Ninety Only)	1 Rm (One Running metre only)	706
c	3.00 (Three Running Metre Only)	Rm 110 mm dia PVC Bend		392.90 (Rupees Three Hundred and Ninety Two and Paise Ninety Only)	1 Rm (One Running metre only)	1179
d	2.00 (Two Running Metre Only)	Rm 75 mm dia PVC Bend		360.00 (Rupees Three Hundred and Sixty Only)	1 Rm (One Running metre only)	720
e	2.00 (Two Running Metre Only)	Rm 110mm PVC Tee with Single Door		472.60 (Rupees Four Hundred and Seventy Two and Paise Sixty Only)	1 Rm (One Running metre only)	945
f	2.00 (Two Running Metre Only)	Rm 75 mm dia PVC Tee Tee with Single Door		400.20 (Rupees Four Hundred and and Paise Twenty Only)	1 Rm (One Running metre only)	800
62	2.70 (Two Point Seven Zero Cubic metre only)	M ³ Supplying and filling with 40 mm size HBGS jelly including cost and conveyance of materials complete as per standard specifications	Special	1151.65 (Rupees One Thousand One Hundred and Fifty One and Paise Sixty Five Only)	1 M ³ (One cubic metre only)	3109
63	2.70 (Two Point Seven Zero Cubic metre only)	M ³ Supplying and filling with 20 mm size HBGS jelly including cost and conveyance of materials complete as per standard specifications	Special	1554.65 (Rupees One Thousand Five Hundred and Fifty Four and Paise Sixty Five Only)	1 M ³ (One cubic metre only)	4198

1	2		3	4	5	6	7
64	1.00 (One Number only)	Nos	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	1058.50 (Rupees One Thousand Fifty Eight and Paise Fifty Only)	1 No. (Each)	1059
65	1.00 (One Set only)	No	Supplying and fixing best quality and make of ready mixed HDPE water storage Water 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.	Special	9600.00 (Rupees Nine Thousand Six Hundred and Only)	1 Set (Each)	9600
66	30.30 (Thirty Point Three Zero Square metre only)	M ²	Manufacturing, supplying and fixing of cupboard shutter using country wood (kongu) frame of 100 m x 32 mm thick for outer frame horizontal and vertical memebers. The shutter frame of size 75 x 32 mm of country wood scantling (Horizontal 3 nos., Vertical 2 nos., of reach shutter) with 12 mm thick both side prelaminated particle board (exterior grade) shutter.	Special	2287.00 (Rupees Two Thousand Two Hundred and Eighty Seven Only)	1 M ² (One Square metre only)	69296
						Total	3984131

(Rupees Thirty Nine Lakh Eighty Four Thousand One Hundred and Thirty One Only)

66 (Sixty Six Items only)

Estimate Amount : Rs. 4835000

Department Value put to Tender : Rs. 3984131

GST 12% 478096