

**Name of Work: Construction of Additional Buildings (Post Operative Block) for Government Hospital at Palani in Dindigul District.**

**SCHEDULE**

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
1	765.00 M <sup>3</sup>	<b>EARTHWORK EXCAVATION for foundation in all soils</b>	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(Seven hundred and sixty five Cubic Metre only)	and sub soils except rock requiring blasting to full depth as may be directed inclusive of shoring, strutting and baling water wherever necessary including refilling the sides of foundation with excavated earth well rammed, watered and consolidated and depositing the surplus earth within the compound in places shown by the Departmental Officers with an initial lead of 10 metres and lift of 2 metres and clearing and levelling the site etc. complete complying with standard specification.				
2	114.00 M <sup>3</sup>	<b>Earth work open excavation in all soils and sub-soils</b> 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 and clearing and levelling the site, etc., complete complying with standard specification.	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and fourteen Cubic Metre only)					
3	330.00 M <sup>3</sup>	<b>Refilling with excavated earth other than sand with an</b>	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(Three hundred and thirty Cubic Metre only)	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 and as directed by the Departmental Officers				

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
4	88.00 M <sup>3</sup>	Supplying and filling in foundation, basement, etc with <b>Stone dust</b> 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.	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(Eighty eight Cubic Metre only)					
5	185.00 M <sup>3</sup>	Supplying and filling in foundation, basement, etc with <b>Conveyed earth</b> other than sand with an lead of 5Km 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	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and eighty five Cubic Metre only)					
6	56.00 M <sup>3</sup>	<b>Cement Concrete 1:5:10 (One Cement, Five M-Sand and Ten hard broken stone jelly)</b> using 40 mm gauge hard broken granite stone jelly for foundation including all incidental charges dewatering if found necessary and laid in layers of not more than 15cm thick, well rammed, consolidated and curing as directed by the Departmental Officers complete complying with standard specification.	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(Fifty six Cubic Metre only)					
7	116.00 M <sup>2</sup>	<b>Damp proof course with Cement Mortar 1:4</b> (One Cement and Four crushed stone 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 and finishing, curing etc. complete complying with standard specification.	23 & 24	1 M <sup>2</sup> (One Square metre)		
	(One hundred and sixteen Square Metre only)					
8	60.00 M <sup>3</sup>	<b>Brick work in following In Cement Mortar 1:5</b> (one cement and Five M-sand) using best quality of Country bricks of size 8 3/4" x 4 1/4" x 2 3/4" including curing, etc., complete complying with standard specifiction. <b>For foundation &amp; basement</b>	31 & 31C	1 M <sup>3</sup> (One Cubic metre)		
	(Sixty Cubic Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
9		<b>Brick work in following In Cement Mortar 1:6</b> (one cement and six M-sand) using best quality of Country bricks of size 8 3/4" x 4 1/4" x 2 3/4" including curing, etc., complete complying with standard specification.	31 & 31C			
a	<b>141.00 M<sup>3</sup></b>	For foundation & basement		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and forty one Cubic Metre only)</b>					
b	<b>164.00 M<sup>3</sup></b>	In Ground floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and sixty four Cubic Metre only)</b>					
c	<b>168.00 M<sup>3</sup></b>	In First floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and sixty eight Cubic Metre only)</b>					
d	<b>179.00 M<sup>3</sup></b>	In Second floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and seventy nine Cubic Metre only)</b>					
e	<b>192.00 M<sup>3</sup></b>	In Third floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and ninety two Cubic Metre only)</b>					
f	<b>21.00 M<sup>3</sup></b>	In Fourth floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Twenty one Cubic Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
10	560.00 M <sup>2</sup>	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced <b>Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams</b> , 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)	SS30	1 M <sup>2</sup> (One Square metre)		
	(Five hundred and sixty Square Metre only)					
11		Supplying and erecting <b>STEEL CENTERING for sides and soffits including supports and strutting upto 3.29m height</b> for plane surfaces as detailed below in all floors with all cross bracings using mild steel sheet of size 90 x 60cm B.G.10 stiffened with welded M.S.angle of size 25 x 25 x 3mm for boarding laid over silver oak joists of size 10 x 6.5cm spaced at about 90cm centre to centre and supported by casurina props of 10cm to 13cm dia spaced at 75cm centre to centre at suitable intervals etc. complete in all floors complying with standard specification. The payment for centering shall be made only after the concrete is laid. The retrieved materials should be taken back by the contractor.	SS30			
a	4370.00 M <sup>2</sup>	Plane surfaces such as <b>RCC floor slab, roof slab</b> , rectangular square Tee or Ell beam, lintels, staircase waist slab, landing slab, landing beams, portico beams, portico slab etc.		1 M <sup>2</sup> (One Square metre)		
	(Four thousand three hundred and seventy Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
b	1685.00 M <sup>2</sup>	For plane surfaces such as rectangular or square <b>RCC columns, sunshades</b> , top and bottom slab of RCC boxing, etc.		1 M <sup>2</sup> (One Square metre)		
	(One thousand six hundred and eighty five Square Metre only)					
c	112.00 M <sup>2</sup>	For plane surfaces such as <b>vertical slab, side slabs</b> of boxing, vertical drops, facia, vertical wall, etc.		1 M <sup>2</sup> (One Square metre)		
	(One hundred and twelve Square Metre only)					
d	41.00 M <sup>2</sup>	For Circular Columns		1 M <sup>2</sup> (One Square metre)		
	(Forty one Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
12		<b>Providing and laying in position, standardised concrete Mix M-20Grade</b> in accordance using 20mm with IS:456-2000, 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 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 M-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).	SS30			
a	<b>106.00 M<sup>3</sup></b>	For foundation & basement below 1.50 m depth and upto 3.00 m depth below ground level		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One hundred and six Cubic Metre only)</b>					
b	<b>71.00 M<sup>3</sup></b>	For foundation & basement		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Seventy one Cubic Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
c	160.00 M <sup>3</sup>	In Ground floor		1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and sixty Cubic Metre only)					
d	179.00 M <sup>3</sup>	In First floor		1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and seventy nine Cubic Metre only)					
e	162.00 M <sup>3</sup>	In Second floor		1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and sixty two Cubic Metre only)					
f	167.00 M <sup>3</sup>	In Third floor		1 M <sup>3</sup> (One Cubic metre)		
	(One hundred and sixty seven Cubic Metre only)					
g	14.00 M <sup>3</sup>	In Fourth floor		1 M <sup>3</sup> (One Cubic metre)		
	(Fourteen Cubic Metre only)					
13	1120.00 Qtl.	Supplying, fabricating and placing in position of MILD STEEL or RIBBED TOR STEEL GRILL for all reinforced cement concrete works including cost of steel and G.I. binding wire in all floors, etc complete complying with standard specification.	SS 86	1Qtl. (One Quintal)		
	(One thousand one hundred and twenty quintals only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
14	52.00 M <sup>3</sup>	<b>Cement Concrete 1:5:10 (One cement, Five Crushed Stone sand and Ten hard broken stone)</b> 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. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers	23 & 24	1 M <sup>3</sup> (One Cubic metre)		
	(Fifty two Cubic Metre only)					
15		<b>BRICK PARTITION WALLS of 10.80cm thickness</b> using best quality Country bricks of size 8 3/4" x 4 1/4" x 2 3/4" in cement mortar 1:3 (One cement and three M-Sand) using hoop iron reinforcement if found necessary (the hoop iron will be measured and paid for separately) including finishing and curing as directed by the Departmental Officers complete complying with standard specification.	31 & 31C			
a	124.00 M <sup>2</sup>	In Ground Floor		1 M <sup>2</sup> (One Square metre)		
	(One hundred and twenty four Square Metre only)					
b	124.00 M <sup>2</sup>	In First Floor		1 M <sup>2</sup> (One Square metre)		
	(One hundred and twenty four Square Metre only)					
c	124.00 M <sup>2</sup>	In Second Floor		1 M <sup>2</sup> (One Square metre)		
	(One hundred and twenty four Square Metre only)					
d	124.00 M <sup>2</sup>	In Third Floor		1 M <sup>2</sup> (One Square metre)		
	(One hundred and twenty four Square Metre only)					



Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
16	248.00 RM	<b>Stainless Steel (Salem Stainless Steel) Door Frame (Box</b> Section using Stainless Steel Plate of 1.6mm thick) of size 100mm x 60mm with a rebate of 30 / 35mm x 15mm on one side of the frame including supplying and fixing dovetail splayed end stainless steel hold fast etc.,	56 & 57	1 RM (One running metre)		
	(Two hundred and forty eight Running Metre only)					
17	7.00 m2	<b>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 35x35x5mm for the shutter frames stiffeners with</b> 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. <b>Single leaf 1.00 x 2.1m Fully Sheeted</b>	SS30	1 M <sup>2</sup> (One Square metre)		
	(Seven Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
18	66.00 M <sup>2</sup>	<b>Supplying and fixing Solid core flush shutter of nominal</b>	SS30	1 M <sup>2</sup> (One Square metre)		
	<b>(Sixty six Square Metre only)</b>	thick of 35 mm with Teak ply on both sides and with T.W. lipping around conforming to IS 2302 including supplying and fixing cost of wind appliances and furniture fittings such as 1no .200 x 12 mm aluminium tower bolt 2 nos. 150x12 mm aluminium tower bolts 1no. 250 x 16 mm aluminium aldrops, 2 nos.200mm 'D' type aluminium door handle and door stopper with bush etc., complete as directed by the departmental officers. . <b>Single leaf (1.00 x 2.10 m)</b>				
19	48.00 M <sup>2</sup>	<b>Supplying and fixing solid core flush shutter of nominal</b>	SS30	1 M <sup>2</sup> (One Square metre)		
	<b>(Forty eight Square Metre only)</b>	<b>thick of 35 mm with necessary T.W. internal lipping</b> conforming to IS 2302 with both sides alround Teak ply 3mm thick including supplying and fixing cost of wind appliances and furniture fittings such as 1no .200x12mm aluminium tower bolt 2nos. 150x12mm aluminium tower bolts 1no. 250x16mm aluminium aldrops, 2 nos. 200mm 'D' type aluminium door handle and door stopper with bush etc., complete as directed by the departmental officers. <b>Double leaf</b>				

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
20	5.00 M <sup>2</sup>	<b>Manufacturing, supplying and fixing of steel doors (Entrance) with the following specification</b> 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 20kg/sq.m with 3mm pin headed glass used for glazing and fixed with 15x12 mm teakwood beeding and 6 Nos hinges for double leaves shutter to be provided 6nos of holdfasts 120mm in length made of angle section spliced at the ends are welded to the outer frame of the door. Tower bolts 2nos. one at top and the other at the bottom arte provided one aldrop is provided at on appropriate place in the door. A Tie bar is provided at the bottom of the outer frame to prevent twisting of frame during transportation or fixing. All members are given one coat of red oxide primer as directed by the departmental officers. The rate includes cost of all meterials, labour charges,taxes, transportation to site of work , loading, unloading and all other incidental charges etc.,complete.	SS30	1 M <sup>2</sup> (One Square metre)		
	(Five Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
21	105.00 M <sup>2</sup>	<b>Solid PVC door</b> 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.	SS30	1 M <sup>2</sup> (One Square metre)		
	(One hundred and five Square Metre only)					
22	3.00 M <sup>2</sup>	Supplying and fixing of <b>solid PVC sliding door with roller</b> etc complete complying with standard Specification and as directed by the Departmental Officers.	SS30	1 M <sup>2</sup> (One Square metre)		
	(Three Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
23	164.00 M <sup>2</sup>	<b>UPVC Window Specification:</b> Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Windows of casement type (open) from the profile the size of outer frame 60mm x 58mm and shutter profile are reinforcement with GI/1mm 125GSM and 100% corrosion free, the profiles are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with over all the edges of frame and shutter the shutter will be provided with Espag multi power point locks and also it operates as handle. The corners and joints should be welded and cleaned. Radiations free pin headed plain or brown colour glass 4mm thick should be provided to the shutter and it should not allow leakage of water even at most ranging storms and should have key lockable action, security protective hinges, strong locking systems and as per size for arresting noise and energy loss. The connecting mechanism between sash and outer frame that enables opening of the window. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The window should be got approved from the Executive Engineer before use on work	SS30	1 M <sup>2</sup> (One Square metre)		
	(One hundred and sixty four Square Metre only)					
24	164.00 M <sup>2</sup>	Fabricating supplying and fixing in position <b>M.S Steel framed Fly proof mesh</b> for G.I Pre painted Window using 35x35x5 mm angle for outer frame with 32x6 mm frame stiffeners at not exceeding 0.60 m centre to centre in both direction etc. with necessary including cost of red oxide primer. etc complete complying with standard specification and as directed by the departmental Officers.	SS30	1 M <sup>2</sup> (One Square metre)		
	(One hundred and sixty four Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
25	33.00 M <sup>2</sup>	<b>UPVC Ventilator Specification:</b> Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outer frame 60mm x 58mm and shutter profile size of 60 x 78mm both profiles are reinforced with GI/1mm 125GSM and 100% corrosion free, the profile are multi chambered sections with wall thick of 2mm. The EPDM rubber (black colour) covered with all over the edges of frame and shutter. The corners and joints should be welded and cleaned. Radiations pin headed glass 4mm thick should be provided in the louvers. The window should be fixed to the wall with 100% packing with screws and silicon packing all round the frames. The ventilator should be got approved from the Executive Engineer before use on work	SS30	1 M <sup>2</sup> (One Square metre)		
	(Thirty three Square Metre only)					
26	4010.00 kg	<b>Supplying and fixing mild steel iron grill for windows ventilators</b> and grill gate etc., including one coat of red oxide primer using M.S angle of size 40 x 40 x 6 mm and grill using 20 x 6mm M.S flat and necessary hold fast with M.S angle of size 40 x 40 x 6 mm - 230 mm long spliced at end is to be provided at appropriate places for fixing the grill etc., complete complying with standard specification. The type design for the grills should be got approved by the departmental officers before execution.	SS30	1 kg (One Kilogram)		
	(Four thousand and ten Kilograms only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
27		<b>Plain Cement Concrete 1:2:4 (one cement, two M-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.</b>	SS24			
a	<b>3.00 M<sup>3</sup></b>	Foundation and Basement		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Three Cubic Metre only)</b>					
b	<b>1.00 M<sup>3</sup></b>	Ground Floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(One Cubic Metre only)</b>					
c	<b>4.00 M<sup>3</sup></b>	First Floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Four Cubic Metre only)</b>					
d	<b>29.00 M<sup>3</sup></b>	Third Floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Twenty nine Cubic Metre only)</b>					
e	<b>3.00 M<sup>3</sup></b>	Fourth Floor		1 M <sup>3</sup> (One Cubic metre)		
	<b>(Three Cubic Metre only)</b>					
28	<b>1750.00 M<sup>2</sup></b>	<b>Paving the floor with best quality double charged</b>	56 & 57	1 M <sup>2</sup> (One Square metre)		
	<b>(One thousand seven hundred and fifty Square Metre only)</b>	<b>Vitrified Tiles of size 600 x 600 x 8mm of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three M-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)</b>				

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
29	110.00 M <sup>2</sup>	Paving the floor with best approved quality <b>fine polished Kota stone slabs</b> of size 600 x 600 of 18 / 20mm with machine cut edges and matching marble slab not less than 100mm width other than adanga marble as border laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three Crushed stone sand(M-Sand)) fixing the slabs in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with matching colouring pigments etc Complete as Per Standard Specification., 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 specification.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(One hundred and ten Square Metre only)					
30	238.00 M <sup>2</sup>	<b>Flooring with Anti skid Self Designed Colour Ceramic Tiles</b> of size 305 x 305 x 6mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three M-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) <b>Colour Ceramic Tiles</b>	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Two hundred and thirty eight Square Metre only)					
31	392.00 M <sup>2</sup>	Paving the floor with cement based <b>Hydraulically pressed Anti skid tiles</b> (pattern design)of 20mm thick of approved quality and colour laid in cement Mortar 1:3 (one cement and three crushed stone sand(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.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Three hundred and ninety two Square Metre only)					



Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
32	145.00 M <sup>2</sup>	<b>Paving the floor with pre-polished concrete anti-skid step tiles</b> (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)	56 & 57	1 M <sup>2</sup> (One Square metre)		
	<b>(One hundred and forty five Square Metre only)</b>					
33	31.00 Rm	<b>Finishing the floor with Double Nosing for steps etc.,</b> complying with standard specification and as directed by the departmental officers.	56 & 57	1 RM (One running metre)		
	<b>(Thirty one Running Metre only)</b>					
34	840.00 M <sup>2</sup>	<b>DADOOING WALLS</b> with following tiles of best approved quality laid in cement mortar 1:2 (One cement and two M-sand) 10mm thick and pointing with white cement using 0.40 Kg of white cement in all floors per square metre including cost of tiles, all materials, incidental charges, transportation charges and labour charges for fixing tiles neat finishing the joint flush curing as directed by the Departmental Officers complete complying with standard specification. The tiles should be got approved by the Departmental Officers before use on work. <b>Dadooing with digital printed design colour ceramic tiles of size 300mm x 450mm x 8mm</b>	56 & 57	1 M <sup>2</sup> (One Square metre)		
	<b>(Eight hundred and forty Square Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
35	2950.00 M <sup>2</sup>	<b>DADOOING WALLS with following tiles of best approved quality laid in cement mortar 1:2 (One cement and two M-sand) 10mm thick and pointing with white cement using 0.40 Kg of white cement in all floors per square metre including cost of tiles, all materials, incidental charges, transportation charges and labour charges for fixing tiles neat finishing the joint flush curing as directed by the Departmental Officers complete complying with standard specification. The tiles should be got approved by the Departmental Officers before use on work.</b> <b>Dadooing with Pre polished Verified tiles of 600 X 600mm X 8mm</b>	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Two thousand nine hundred and fifty Square Metre only)					
36	785.00 M <sup>2</sup>	<b>Paving the top of proof with solar reflective ceramic tiles</b> (Required design) of size 305x305x7mm thick of approved quality and colour laid in Cement Mortar 1:3 (One cement and Three M-sand) 12mm thick and pointed with tiles grout and cement in ratio of 1:3 for join curing etc., completed complying with standard specficatin and as directed by the departmental officers ( The make and brand of the tiles should be get approved by the Executive Engineer before use on works)	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Seven hundred and eighty five Square Metre only)					
37	603.00 M <sup>2</sup>	<b>Supplying, fabricating, erecting and fixing Hilux (or) Equivalent Board False Ceiling upto a ceiling height of 4.5m from floor level Using Hilux Board Plain Sheets (10mm thick)</b>	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Six hundred and three Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
38	22.00 M <sup>2</sup>	Paving the floor with best approved quality <b>fine polished Granite Stone Slabs</b> of size 1200 x 600 of 18 / 20mm thick of Jet black and equivalent variety with machine cut edges laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three crushed stone sand) fixing the slabs with required cement slurry and laid in true right angles with minimum possible width of joints and pointing the joints with white cement mixed with matching colouring pigments etc., The granite 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 specification.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Twenty two Square Metre only)					
39	122.00 M <sup>2</sup>	<b>Supplying and fixing fine polished cuddapah slab</b> 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 directed by the departmental officers 20 / 30mm thick	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(One hundred and Twenty two Square Metre only)					
40	4.00 M <sup>2</sup>	<b>Supplying and fixing in position Urinal partition with White Marble slab</b> (Adanga) 18 mm to 20 mm thick of 4'0" x 2'0" size and above of best quality including dismantling masonry, if necessary and re-doing the same to original condition, etc., complete complying with standard specification. (The Marble slab should be got approved by the Executive Engineer before use on works).	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Four Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
41	13.00 M <sup>2</sup>	<b>Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs</b> of following thickness in RCC 1:2:4 (one cement, two M-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 by the departmentl officers. <b>50mm thick precast slab using 20mm HBGS jelly</b>	SS30	1 M <sup>2</sup> (One Square metre)		
	(Thirteen Square Metre only)					
42	112.00 M <sup>2</sup>	<b>Manufacturing, supplying and fixing in positon of Rainproof RCC Jally</b> of 5cm thick in cement concrete 1:2:4 using 20mm machine crushed stone jelly (excluding cost of reinforcement steel) including cost of mould, finishing, curing, lifting, fixing in position etc., complete complying with standard specification and as directed	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(One hundred and twelve Square Metre only)					
43	4040.00 M <sup>2</sup>	<b>Plastering with Cement Mortar 1:5</b> (One cement and Five P-Sand), 12mm thick in all floors including finishing and curing as directed by the Departmental Officers etc, complete complying with standard specification.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Four thousand and forty Square Metre only)					
44	5170.00 M <sup>2</sup>	<b>Special ceiling plastering and finishing the exposed</b> surface of all RCC items of work such as slabs, beams, sunshades, facia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three P-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	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Five thousand One hundred and seventy Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
45	127.00 M <sup>2</sup>	<b>Plastering with Cement Mortar 1:3 (One Cement and Three P-Sand)</b> 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	1 M <sup>2</sup> (One Square metre)		
	(One hundred and twenty seven Square Metre only)					
46	5425.00 M <sup>2</sup>	<b>Painting two coats of newly plastered wall surface with ready mixed Plastic emulsion paint</b> of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, etc., complete complying with standard specification.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Five thousand four hundred and twenty five Square Metre only)					
47	3840.00 M <sup>2</sup>	<b>Painting two coats of newly plastered wall surface with ready mixed plastic Exterior emulsion paint</b> 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.	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(Three thousand eight hundred and forty Square Metre only)					
48	115.00 M <sup>2</sup>	<b>Painting new wood work with two finishing coats of synthetic enamel ready mixed paint</b> 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.)	56 & 57	1 M <sup>2</sup> (One Square metre)		
	(One hundred and fifteen Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
49	303.00 M <sup>2</sup>	<b>Painting new iron works such as steel doors, windows,</b> ventilators, window bars, balustrades etc., with two coats of best approved first 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.)	56 & 57	1 M <sup>2</sup> (One Square metre)		
	<b>(Three hundred and three Square Metre only)</b>					
50	62.00 M <sup>2</sup>	<b>Manufacturing, Supplying and Fixing of Stainless Steel Hand rails</b> for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick at required locations to a height of 900 mm from finished floor level welded to 38mm dia Stainless Steel pipe post of 1.00mm thick as vertical at 900mm centre with 2 Nos. of 25mm dia intermediate horizontal stainless steel pipe of 1.60mm thick in between. The vertical pipe has to be welded to the 100 X 100 X 6mm MS base plate encased in the base concrete. The rate is inclusive of the charges for cutting, bending, welding, grinding, polishing, conveyance, electrical charges, etc. complete	Specials	1 M <sup>2</sup> (One Square metre)		
	<b>(Sixty two Square Metre only)</b>					
51	223.00 Rm	<b>Manufacturing, Supplying and Fixing of Stainless Steel Hand rails</b> for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting, grinding, conveyance, welding charges, electrical charges, etc. complete	Specials	1 RM (One running metre)		
	<b>(Two hundred and twenty three Running Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
52	193.00 M <sup>2</sup>	<b>Providing Cup-board Shutter using termite/ water proof</b> plywood of 19mm thick over which laminated sheet of 0.8mm thick fixed inside the shutter and 1mm thick fixed in the outside of the shutter using fevicol along with necessary furniture fittings, such as, hydraulic hinges, tower bolt, handles, multi purpose locks etc., as directed by the Departmental Officers. The design pattern, water proof plywood, laminate sheet and other materials should be got approved from the Executive Engineer before use on work	Specials	1 M <sup>2</sup> (One Square metre)		
	<b>(One hundred and ninety three Square Metre only)</b>					
53	213.00 Rm	<b>Supplying and fixing in position best approved of BIS</b> quality PVC rain water down fall pipes 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. The rate shall be inclusive of cast of removable cast iron grating. The PVC pipe shall be fixed in wall with special type of "U" clamp at the centre of the pipe line in addition to those for more than 3.0 metre pipe length, etc., complete complying with standard specification. <b>160 mm dia PVC rain water down fall pipes</b>		1 RM (One running metre)		
	<b>(Two hundred and thirteen Running Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
54	701.00 M <sup>2</sup>	<b>Pre-Construction anti-termite treatment plinth area – surface treatment</b>	Specials	1 M <sup>2</sup> (One Square metre)		
	(Seven hundred and one Square Metre only)	stage-I :- Completion of earth work for column footings before laying plain cement concrete 25mm dia Hole spaced at 30cm center to center on both direction will be made at the bottom of earth work and the chemical will be poured in the holes and will be sprayed in the four sides of earth work at the rate of 3 litres of chemical solution (Chlorophyrisfos emulsion diluted in ration 1:19 (One emulsion and 19 water ) per square metre payment shall be made after completion of 3 stages. stage-II :- After filling the basement before laying flooring concrete with filling sand 25mm dia holes to adepth of 450mm will be made inside the basement and the chemical will be poured in the holes at the rate of 3 litres of chemical solution (Chlorophyrisfos emulsion diluted in ration 1:19 (One emulsion and 19 water ) per square metre payment shall be made after completion of 3 stages. Peripheral treatment stage-III. On completion of building and leveling the outer area adjacent to the walls column ground ponds of size (900X300 mm will be filled in the ponds at the rate of 3 litre of chemical solution per Rm payment shall be made after completion of 3 stages.				
55	12 Nos	<b>Supplying and fixing in position of P.V.C water storage tank</b> of best approved quality and brand with the capacity of 2000 Litres with accessories including giving necessary connections etc., complete as directed by the departmental officers. ( The P.V.C. water storage tank should be got approved by the Executiove Engineer before use on works.)	Specials	1 No (One Number)		
	(Twelve Numbers only)					



Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
56		<b>Supplying, laying and jointing CPVC (chlorinated Poly vinyl chloride) pipe( Higher pressure rating with higher pipe thickness) Standard Dimension Ratio- 11)of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing CPVC specials using cement SOLVENT (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC 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 upto 4 metre height above ground level, etc., complete complying with standard specifications. The CPVC pipes shall be got approved by Executive Engineer before use on works. Below Ground level-External</b>	Specials			
a	<b>65.00 Rm</b>	50mm dia CPVC pipe		1 RM (One running metre)		
	<b>(Sixty five Running Metre only)</b>					
b	<b>16.00 Rm</b>	40mm dia CPVC pipe		1 RM (One running metre)		
	<b>(Sixteen Running Metre only)</b>					
c	<b>24.00 Rm</b>	32mm dia CPVC pipe		1 RM (One running metre)		
	<b>(Twenty four Running Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
57		<b>Supplying, laying and jointing CPVC (chlorinated Poly vinyl chloride) pipe( Higher pressure rating with higher pipe thickness) Standard Dimension Ratio- 11)of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing CPVC specials using cement SOLVENT (but excluding cost of such specials) and fixing into wall with teak wood plugs, CPVC 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 upto 4 metre height above ground level, etc., complete complying with standard specifications. The CPVC pipes shall be got approved by Executive Engineer before use on works. Above Ground level-External</b>	Specials			
a	<b>185.00 Rm</b>	40mm dia CPVC pipe		1 RM (One running metre)		
	<b>(One hundred and eighty five Running Metre only)</b>					
b	<b>135.00 Rm</b>	32mm dia CPVC pipe		1 RM (One running metre)		
	<b>(One hundred and thirty five Running Metre only)</b>					
c	<b>90.00 Rm</b>	25mm dia CPVC pipe- Internal		1 RM (One running metre)		
	<b>(Ninety Running Metre only)</b>					
d	<b>120.00 Rm</b>	20mm dia CPVC pipe- Internal		1 RM (One running metre)		
	<b>(One hundred and twenty Running Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
58		Supplying and fixing in position the following CPVC Specials of approved quality and good variety including the labour for cutting, pasting, sundries, fixing CPVC specials etc., complete complying with standard specification and as directed by the departmental Officers. (The CPVC specials should be got approved by the Executive Engineer concerned before use on works.)	Specials			
a	8.00 Nos	32 mm Dia Ball valve		1 No (One Number)		
	(Eight Numbers only)					
b	10.00 Nos	25 mm Dia Ball valve		1 No (One Number)		
	(Ten Numbers only)					
c	4.00 Nos	40 mm Dia Union		1 No (One Number)		
	(Four Numbers only)					
d	6.00 Nos	32 mm Dia Union		1 No (One Number)		
	(Six Numbers only)					
e	9.00 Nos	25 mm Dia Union		1 No (One Number)		
	(Nine Numbers only)					
f	12.00 Nos	20 mm Dia Union		1 No (One Number)		
	(Twelve Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
g	5.00 Nos (Five Numbers only)	50 mm Dia Elbow		1 No (One Number)		
h	22.00 Nos (Twenty two Numbers only)	40 mm Dia Elbow		1 No (One Number)		
i	16.00 Nos (Sixteen Numbers only)	32 mm Dia Elbow		1 No (One Number)		
j	26.00 Nos (Twenty six Numbers only)	25 mm Dia Elbow		1 No (One Number)		
k	28.00 Nos (Twenty eight Numbers only)	20 mm Dia Elbow		1 No (One Number)		
l	1.00 No (One Number only)	50 mm Dia Tee		1 No (One Number)		
m	2.00 Nos (Two Numbers only)	40 mm Dia Tee		1 No (One Number)		

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
n	14.00 Nos	32 mm Dia Tee		1 No (One Number)		
	(Fourteen Numbers only)					
o	14.00 Nos	25 mm Dia Tee		1 No (One Number)		
	(Fourteen Numbers only)					
p	29.00 Nos	32 mm Dia Hex Nipple		1 No (One Number)		
	(Twenty nine Numbers only)					
q	10.00 Nos	25 mm Dia Hex Nipple		1 No (One Number)		
	(Ten Numbers only)					
r	6.00 Nos	32 mm x 25 mm Reducer Elbow		1 No (One Number)		
	(Six Numbers only)					
s	10.00 Nos	25 mm x 20 mm Reducer Elbow		1 No (One Number)		
	(Ten Numbers only)					
t	26.00 Nos	20 mm x 15 mm Reducer Elbow		1 No (One Number)		
	(Twenty six Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
u	14.00 Nos	25 mm x 20 mm Reducer Tee		1 No (One Number)		
	(Fourteen Numbers only)					
v	12.00 Nos	20 mm x 15 mm Reducer Tee		1 No (One Number)		
	(Twelve Numbers only)					
w	6.00 Nos	32mm x 25mm Reducer		1 No (One Number)		
	(Six Numbers only)					
x	14.00 Nos	25mm x 20mm Reducer		1 No (One Number)		
	(Fourteen Numbers only)					
y	4.00 Nos	50 mm Dia Coupling		1 No (One Number)		
	(Four Numbers only)					
z	6.00 Nos	40 mm Dia Coupling		1 No (One Number)		
	(Six Numbers only)					
aa	10.00 Nos	32 mm Dia Coupling		1 No (One Number)		
	(Ten Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
59	56.00 Nos	<b>Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap</b> (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works) <b>15mm dia CP Screw Down Tap</b>		1 No (One Number)		
	(Fifty six Numbers only)					
60	2.00 Nos	<b>Supplying and fixing in position Elbow action tap</b> (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works) <b>Elbow action tap</b>		1 No (One Number)		
	(Two Numbers only)					
61	32.00 Nos	<b>Supplying and fixing in position best quality and approved make Indian made white glazed earthenware wash hand basin</b> of size 550 x 400mm 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).Without Pedestal <b>a) White glazed Wash hand basin of size 550x400mm without Pedestal</b>		1 No (One Number)		
	(Thirty Two Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
62	11.00 Nos	<b>Supplying and fixing in position White Glazed EUROPEAN WATER CLOSET</b> of best quality and approved make with 100mm P or S trap connecting with PVC pipe of 110mm dia, double flapped rigid PVC. seat and seat cover with chromium plate brass hinges, including supplying and fixing 10 litres capacity PVC flushing tank with a pair of CI Brackets etc., complete with all fittings such as 15mm brass valve with polythene float with brass handle union, coupling connected by means of 40mm white PVC flush and using indian adopter joint including all internal fittings such as 15mm brass connections, 15mm gm wheel valve, 15mm brass nipple (2 nos), 15mm nylon connections TW plugs, screws and also giving necessary connection to the PVC pipe including cost of 600mm length of 110mm dia PVC pipe and painting 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 European Water Closet and flushing tank with all accessories should be got approved by the Executive Engineer before use on work. <b>a) White glazed European Water Closet with 10 litre capacity PVC flushing tank fixed with CI brackets</b>	Specials	1 No (One Number)		
	(Eleven Numbers only)					
63	11.00 Nos	<b>Supplying and fixing best approved best quality Stainles steel Health Facet with Stop coak</b> of size 150 x 150mm including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The Health Facet should be got approved by Executive Engineer before use on works).	Specials	1 No (One Number)		
	(Eleven Numbers only)					



Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
64	8.00 Nos	<b>Supply and fixing in position of best Indian make white glazed earthenware lipped mouth flat back urinal</b> 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. (The urinal should be got approved by the Executive Engineer before use on works.)	Specials	1 No (One Number)		
	(Eight Numbers only)					
65	1.00 No	<b>Supplying and fixing in position best quality approved make Indian make stainless steel Scrub-up sink</b> of size of 1200 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 the leakage etc., complete	Specials	1 No (One Number)		
	(One Number only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
66	25.00 Nos	<b>Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthenware</b> of approved quality and brand with "P" or "S" trap conforming to BIS with Crushed stone sand(M-Sand) cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two Crushed stone sand(M-Sand) and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to PVC pipes (including the cost of 110mm dia PVC 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 by the departmental officers. (The water closet should be got approved by the Executive Engineer before use on works).	Specials	1 No (One Number)		
	(Twenty five Numbers only)					
67	30.00 Nos	<b>Supplying and fixing position PVC Nahani Trap / Floor Trap of 100mmx75mm</b> 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 Crushed stone sand(M-Sand) and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three Crushed stone sand(M-Sand)) including dismantling masonry works wherever found necessary and making good the dismantled 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) <b>Nahani Trap of size 100 x 75mm with PVC gratings</b>	Specials	1 No (One Number)		
	(Thirty Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
68	70.00 Rm	<b>Supplying and fixing in position best Indian make PVC soil pipes of various dia having 6 kg/sq.cm pressure BIS mark</b> and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC/ MS clamp, TW plugs, brass screw etc and amking connection to all sanitary fittings, dismantling masonry/RCC works wherever found necessary and making good the dismantled portion to the original condition, including testing for any leakages etc., complete complying with standard specifications (PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earthwork excavation will be measured and paid separately in the cases where the pipelinesare proposed to laid <b>Below Ground Level (External)160mm dia PVC soil / waste pipe</b>	Specials	1 RM (One running metre)		
	<b>(Seventy Running Metres only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
69		<b>Supplying and fixing in position best Indian make PVC soil pipes</b> 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, TW plugs, brass screw etc and amking connection to all sanitary fittings, dismantling masonry/RCC works wherever found necessary and making good the dismantled portion to the original condition, including testing for any leakages etc., complete complying with standard specifications (PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earthwork excavation will be measured and paid separately in the cases where the pipelines are proposed to <b>Above Ground Level (External)</b>	Specials			
a	<b>128.00 Rm</b>	110mm dia PVC soil / waste pipe		1 RM (One running metre)		
	<b>(One hundred and twenty eight Running Metres only)</b>					
b	<b>105.00 Rm</b>	75mm dia PVC soil / waste pipe		1 RM (One running metre)		
	<b>(One hundred and five Running Metres only)</b>					

SI. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
70		<b>Supplying and fixing in position of the following P.V.C. specials of best approved quality confirming to B.I.S. and</b> providing leak proof joints with P.V.C. adhesive etc, including fixing to walls with necessary teak wood plugs screws etc. and giving connections to the P.V.C. pipe dismantling the brick masonry RCC floor or roof slab and making good the disturbed portion to original conditions etc. complete complying with standard specifications. (The P.V.C. specials should be got approved from the Executive Engineer before use on works).	Specials			
a	<b>25.00 Nos</b>	110mm dia PVC Elbow with Door		1 No (One Number)		
	<b>(Twenty five Numbers only)</b>					
b	<b>8.00 Nos</b>	75mm dia PVC Elbow with Door		1 No (One Number)		
	<b>(Eight Numbers only)</b>					
c	<b>4.00 Nos</b>	110mm dia PVC Tee with Single Door		1 No (One Number)		
	<b>(Four Numbers only)</b>					
d	<b>2.00 Nos</b>	75mm dia PVC Tee with Single Door		1 No (One Number)		
	<b>(Two Numbers only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
e	15.00 Nos	110mm dia PVC "Y"		1 No (One Number)		
	(Fifteen Numbers only)					
f	2.00 Nos	75mm dia PVC "Y"		1 No (One Number)		
	(Two Numbers only)					
g	8.00 Nos	110mm dia PVC Cowl		1 No (One Number)		
	(Eight Numbers only)					
h	6.00 Nos	75mm dia PVC Cowl		1 No (One Number)		
	(Six Numbers only)					
71	8.00 Nos	<b>Supplying and fixing in position CP shower rose with CP stop cock arrangement</b> of size 15mm dia inlet and 100mm outlet to the pipe line with necessary cutting, threading and jointing using shellac etc., complete complying with standard specification and as directed by the departmental officers (The CP shower rose should be got approved by the Executive Engineer before use on works).	Specials	1 No (One Number)		
	(Eight Numbers only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
72	32.00 Nos	<b>Supplying and fixing in position Indian make bevelled edge mirror of approved quality and brand PVC / Fibre</b> Glass framed 600 x 450 x 5.5mm thick mirror, shelf type with hard board backing of approved colour fixed with brass screws, rawl plug, etc., complete complying with standard specification. (The mirror should be got approved by the Executive Engineer before use on woks)	Specials	1 No (One Number)		
	(Thirty two Numbers only)					
73	32.00 Nos	<b>Supplying and fixing approved best quality brass CP towel rail 600mm long</b> and 20mm dia with brackets of same materials including cost of teak wood plugs and CP screws, etc., complete complying with standard specifications. (The tower rail should be got approved by Executive Engineer before use on works).	Specials	1 No (One Number)		
	(Thirty two Numbers only)					
74	32.00 Nos	<b>Supplying and fixing best approved best quality brass CP soap tray of size 150 x 150mm</b> including cost of teak wood plugs, brass screws, etc., complete complying with standard specifications. (The soap tray should be got approved by Executive Engineer before use on works).	Specials	1 No (One Number)		
	(Thirty two Numbers only)					
75	136.00 M <sup>2</sup>	<b>Manufacturing, supplying and fixing in position plain cement concrete precast pavement slab of size 450mm x 450mm of 50mm thick in Cement Concrete 1:2:4</b> (One cement, Two M-sand and Four jelly) using 20mm HBG stone jelly including cost of moulding charges, casting of slab, finishing, curing, fixing and pointing the slab with CM 1:3 (One Cement and Three M-Sand) to full depth of slab etc., complete complying with standard specification and as directed by the departmental Officers.	Specials	1 M <sup>2</sup> (One Square metre)		
	(One hundred and thirty six Square Metre only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
76	230.00 Rm	<b>Drilling of 6" (150mm) dia vertical borewell to the required</b> depth as directed by the departmental officers in all soils such as hard rock strata including all incidental charges for drilling machineries transportation for rig machineries and supporting vehicle to work spot,charges to fuel required for operation, labour charges for drilling bore well to the required depth according to water table as directed by the departmental officers including clearing the site after completion of work complying with standard specification.	Specials	1 RM (One running metre)		
	(Two hundred and thirty Running Metre only)					
77	6.00 Rm	<b>Supplying, erecting and inserting 150mm dia PVC casing pipe</b> of approved quality and variety without slot to standard length of 6 metre suitable for 6" bore-well including jointing the casing pipe in the PVC couplers with solvent materials in the drilled holes to the required depth conforming to pressure as per IS 4985. The rate is inclusive of cost of pipe, taxes, labour charge for cutting, threading, jointing the pipe, conveyence charges of materials and all other labour charges etc. complete.	Specials	1 RM (One running metre)		
	(Six Running Metre only)					
78	1.00 No	<b>Supply of HP submersible motor with pumpset having duty of 50 lpm x 75m pumpset</b> with delivery pipe of size 32mm dia with motor wet type (Three phase) model equivalent to KSB / CORA / CRI 2HP suitable for 150mm dia borewell with having model to ISI mark of approved quality with necessary accessories etc., complete. <b>3 HP (50 lpm x 75m) duty</b>		1 No (One Number)		
	(One Number only)					



Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
79	1.00 No	<b>Supplying and erecting and commissioning 5.00 HP Monoblock motor</b> with accessories conforming to ISI Std., assembling over the clamp in dismantling brick masonry fixing bed clamp with angle purline etc, in to the wall redoing dismantling portion neatly including labour for fixing the motor with proper alignment to the suction, delivery pipe etc., complete. testing the pumps on trial run for 3 days. (All the above materials are to be got approved from the Executive Engineer before use on works.) <b>5 HP (500 lpm x 20m) duty</b>		1 No (One Number)		
	(One Number only)					
80	240.00 Rm	<b>Supply of 4.00 sqmm. Three core flat copper cable for</b> submersible motor with wire bound punched copper conductor insulated and sheathed with PVC for submersible pump motor with voltage grade up to 110V conforming to and marked with IS(694-1990) with Nylon rope etc. complying with standard specification etc complete.	Specials	1 RM (One running metre)		
	(Two hundred and forty Running Metres only)					
81	220.00 RM	<b>Supply of 32mm dia UPVC submersible pipe having load</b> carrying capacity of 1700kg having 5 to 6mm wall thickness with square threads at both ends and rubber Gasket to avoid chances of leakage of best quality including the cost of coupling as directed by departmental officers etc., complete.	Specials	1 RM (One running metre)		
	(Two hundred and twenty Running Metres only)					
82	1.00 No	<b>Supplying and fixing of 40mm dia Clamp complete</b> complying with standard specification and as directed by the departmental Officers.	Specials	1 No (One Number)		
	(One Number only)					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
83		<b>Supply of Three phase panel board items fully automatic starter, with phase preventor, Dry running preventor, on &amp; off switch, indicator lamp voltmeter, Ammeter with selector switch with suitable power capacity arranged in a steel sheet cubical including labour charges as directed by the departmental officers etc., complete complying with standard specification</b>	Specials			
a	<b>1.00 No</b>	For 3 HP-Submersible motor		1 No (One Number)		
	<b>(One Number only)</b>					
b	<b>1.00 No</b>	For 5 HP- Monoblock		1 No (One Number)		
	<b>(One Number only)</b>					
84	<b>503.49 M<sup>2</sup></b>	Dismantling Weathering course and Pressed tiles.	Specials	1 M <sup>3</sup> (One Cubic metre)		
	<b>(Five hundred and three point four nine Square Metre only)</b>					
85	<b>249.81 M<sup>3</sup></b>	Dismantling Brick / Stone Masonry in cement mortar walls under 3m high	Specials	1 M <sup>3</sup> (One Cubic metre)		
	<b>(Two hundred and forty nine point eight one Cubic Metre only)</b>					

Sl. No.	Probable Quantity	Description	TNBP No.	Unit in figure and in words	Rate of Payment in figures and in words	Amount (Rupees in figures)
86	92.42 M <sup>3</sup>	Dismantling Reinforced Cement Concrete	Specials	1 M <sup>3</sup> (One Cubic metre)		
	(Ninety two point four two cubic Metre only)					
87	178.39 M <sup>2</sup>	Dismantling of Doors and windows including removal of frames, hinges and fastenings	Specials	1 M <sup>2</sup> (One Square metre)		
	(One hundred and seventy eight point three nine Square Metre only)					
88	253.84 M <sup>2</sup>	Floor finish and dadoing walls in cement mortar with mosaic tiles / glazed tiles / cuddapah slabs	Specials	1 M <sup>3</sup> (One Cubic metre)		
	(Two hundred and fifty three point eight four Square Metre only)					
89	46.67 M <sup>3</sup>	Dismantling Plain Cement Concrete	Specials	1 M <sup>3</sup> (One Cubic metre)		
	(Forty six point six seven Cubic Metre only)					
		Total Value of Civil work (Basic)				
		Add 12% GST and other Taxes				
		Total Value of Civil including GST & other Taxes				
Total Item Nos: 89 (Eighty nine including sub items only)						