

ACHARAPAKKAM TOWN PANCHAYAT		
SCHEDULE - A		
Estimate Amount : Rs. 50,00,000 /-		Challan No.
EMD.Amount (1%):		Date:
Tender Date & Time:		
Schedule of rates and approximate quantities to accompany the tender for the work of		
Name of Work : Construction of Block Public health unit Building at Upgraded Government Primary Health Centre (under FC XV) in Acharapakkam Town Panchayat, Chengalpattu District.		
a)	The quantities have given are those upon which the lump-sum tender cost at the work is caused but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of the contract and do not necessarily show the actual quantities of the work to be done. The unit of rates noted below are those governing payment for extras or deductions for omission according to the conditions of the contract as set forth in the conditions and specification for the contract.	
b)	It is to be expressively understood that the measured work it is to be taken out (Not withstanding any customarily practice to the contrary according to the actual quantities when the place and finished accordingly to the Drawings or as may be ordered time to time by the Town Panchayat Engineer and the cost calculated by works connected there with. The rate quoted is for the works in site and complete in every respect.	
c)	The material required for the works must be supplied by the contractor and of the approved quality	
ACHARAPAKKAM TOWN PANCHAYAT		

Bidder's Signature

TENDER SCHEDULE

Name of Work : Construction of Block Public health unit Building at Upgraded Government Primary Health Centre (under FC XV) in Acharapakkam Town Panchayat, Chengalpattu District.

Contract value :				Estimate Amount : Rs. 50,00,000 /-				
No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
1	150.00	m3	Earth Work Excavation for foundation in all types of soils and sub soils to full depth (such as Soils in Rock / Silt / Light Black Cotton Soil / Ordinary Soil) except in rock requiring blasting but inclusive of shoring, shuttering and bailing out water wherever necessary and refilling the sides of foundation with excavated earth other than sand in layers of 150 mm thick well rammed and consolidated, depositing the surplus earth in places shown by the Departmental Officers with initial lead of 10 m and initial lift of 2 m. Complete as per TNSS 23 & 24, V, VI (S2), VII, 9,10	23 & 24, V, VI (S2), VII, 9,10			1.00M3 (One Cubic Meter)	
2	14.00	m3	Supply delivery and filling of Stone dust in Layer of not more than 15cm thick including watering with all layers and consolidation complying with standard specification including cost and conveyance of sand at site and all labour charges and all other incidental charges etc., complete as per Standard Specification TNSS No. 24 & 25.	tnss no ; 24 & 25			1.00M3 (One Cubic Meter)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
3	26.00	m3	Plain Cement Concrete of mix 1 : 4 : 8 (One part of Cement four part of sand eight part of aggregates) using 40mm gauge hard broken including cost conveyance of all materials to site including formwork and centering labour charges, transporting and placing in position including shoring, strutting, forming protective bunds, cofferdams bailing out of water labour for mixing compacting, finishing and curing, working at depths, tools and plants and incidental charges such as sheeting, shoring and bracing and their subsequent removal etc., complete as per standard specification. TNDSS NO: 28 V, VI (S2) V,VI (S5A) VII	28 V, VI S2 (SS.A)VII			1.00M3 (One Cubic Meter)	
4	39.00	m3	Supplying and Filling of U/S Gravel from approved quarry in Layer of not more than 15cm thick including watering with all layers and consolidation complying with standard specification including cost and conveyance of material to site and all labour charges and all other incidental charges etc., complete as per Standard Specification.	Special			1.00M3 (One Cubic Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
5	229.00	m2	Supplying and erecting steel centering including necessary supports for plain surfaces for Reinforced Cement Concrete works such as Coloumn footing, Coloumn pedestals, plith beams, grade beams, staircase steps, etc which requires only nominal strutting using mild steel sheet of size 90mm x 60mm and 10Bg stiffened with welded mild steel angles of size 25mm x 25mm x 3mm 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 without Strutting. (TNSs NO or NBC No 30(S) 86 86 A V, VI(S3)VII Below Ground Level	30(S) 86 86 A V, VI(S3)VII			1.00M2 (One Square Meter)	
6	276.00	m2	Ground Floor	30(S) 86 86 A V, VI(S3)VII			1.00M2 (One Square Meter)	
7	87.00	m2	Column	30(S) 86 86 A V, VI(S3)VII			1.00M2 (One Square Meter)	
8	24.00	m3	Brick work in CM 1:5 (one cement & five sand) using II class ground moulded bricks of size 9"X4 3/8"X 2 3/4" standard specification including finishing, curing, etc., complete complying with standard specification 31 & Similar to 31C V, VI (S5) VII Below Ground Level	31 & Similar to 31C V, VI (S5) VII			1.00M3 (One Cubic Meter)	
9	38.00	m3	Ground Floor	31 & Similar to 31C V, VI (S5) VII			1.00M3 (One Cubic Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
10	12.00	m3	Parapet Wall	31 & Similar to 31C V, VI (S5) VII			1.00M3 (One Cubic Meter)	
11	6374.00	Kg	Supplying ribbed tor steel rods including cutting cranking fabricating assembling laying in exact position tying with soft steel wire 16 or 18 BWG etc. complete for all RCC Works. as per the design given including cost of steel and binding wire also in all floors as per standard specification. SS86 & 86A, V, VI (S3) (S6) VII.	SS86 & 86A, V, VI (S3) (S6) VII.			1.00Kg (One Kilo Gram)	
12	23.00	m3	Providing amd laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of M20 grade for reinforced cement concrete structural elements under controlled water cement ratio with plasticiser using 20mm and down graded machine broken granite stone jelly excluding the cost of centering and shuttring and reinforcement but including cutting, fixing,fan clamps etc as per standard specifications and as directed by the departmental officers complete complying with standarad specifications complete.30 V, VI (S5) VII & 13 Below Ground Level	30 V, VI (S5) VII & 13			1.00M3 (One Cubic Meter)	
13	32.00	m3	Ground Floor	30 V, VI (S5) VII & 13			1.00M3 (One Cubic Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
14	1.00	m3	Plain Cement Concrete 1:8:16 (one cement eight fine aggregates and sixteen coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification 30 V, VI (S5) VII & 13	30 V, VI (S5) VII & 13			1.00M3 (One Cubic Meter)	
15	159.00	m2	Special Plastering in Cement Mortar 1:3 Mix (one Cement,, Three sand)10mm thick including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete. Complying with std. specifications.TNDSS NO: 56, 57	56 & 57			1.00M2 (One square Meter)	
16	10.00	m3	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.61 V VI, (VIA) 3	61 V VI, (VIA) 3			1.00M3 (One Cubic Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
17	123.00	m2	Finishing the top of roof with one course of machine pressed tiles of size 200 mm x 200 mm x 20 mm of approved quality in Cement Mortar 1:3 (One Cement add three sand) 12 mm 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 as per standard specification and as directed by the departmental officers 44 H V, VI, (S5A) VII ,3	44 H V, VI, (S5A) VII ,3			1.00M2 (One square Meter)	
18	169.00	m2	Paving the floor with best approved quality fine polished Kota stone slabs of size 600 x 600 of 18 / 20mm with machine cut edges and matching marble slab not less than 100mm width other than Adanga Marbles as border laid over a cement mortar bed of 20mm thick using cement mortar 1:3 (One cement and three 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 and polishing with floor polisher to a high degree of finish etc., The kota stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete as per standard specification. 39 A	30 A			1.00M2 (One square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
19	25.00	m2	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 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)	Special			1.00M2 (One square Meter)	
20	674.00	m2	Plastering in Cement Mortar 1:5 Mix (one part of Cement,, five part of sand)12mm thick including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing etc. complete. Complying with std. specifications.TNDSS NO: 56, 57	56 & 57			1.00M2 (One Square Meter)	
21	781.00	m2	Supplying and Painting the new plastered walls with two coats of Exterior emulsion paint (weather proof) first class quality and of approved colour over a priming coat including thorough scrapping clean removal of dirt etc. complete and including necessary plaster paris putty etc. wherever required.as per (ISI STD) (It mustprovide excellent resistance against the growth of algae and fungi on the walls. And it must offer excellent protection against alkali and UV degradation and the durability period should be 5 years. 61 V, VI (S4) 3	61 V, VI (S4) 3			1.00M2 (One Square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
22	665.00	Kg	Supply and fixing of Collapsible gate and M.S Grills for Windows, with one coat of Red oxide Primer including all costs such as welding, grinding and fabrication charges, cost and conveyance of all materials to site etc,complete as per standard specification. including phosphating as per ISI with rust preventive primer & ready to assemble condition for easy installation at site including dismantling making necessary with power drill to the accessories such as supplying and fixing holdfasts, plastic bush inserts receiver runner bottom shock absorbers etc. and Steel Door Complete as Directed by the Departmental Officer.	Special			1.00Kg (One Kilo gram)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
23	24.00	m2	<p>Providing UPVC (Un-Plasticized Polyvinyl Chloride)Door: Providing and fixing casement doors fabricatedfrom un-plasticized polyvinyl chloride (uPVC)sections.Profiles: The profiles should be three chamber system which provides high insulation properties with outerframe 60mm x 55mm with an outer wall thickness of2.4mm. The window unit should be designed with allcorner joints mitred and fusion welded. Windowsshould be steel reinforced with 25 x 24 x 25mm steelreinforcement with a thickness of 1mm to havedimensional stability. The sash should be of 60 x102mm. The mullion should be of 60 x 74mm. Theprofiles should have co-extruded seals.Hardware: All the hardware like friction stays, handleshould be screwed with self tapping screws. Thehandles, locks should be designed so that they cannotbe released from outside.Glazing: The window system should beglazed with5mm plain float glass / 6mm bison lamInstallation: The profiles should be cut to length andwelded 45 degrees. The window should bedesignedsuch that the water drainage does not pass throughthe reinforcement chamber. The window systemshould be fixed directly to the plastered brick wallusing self expanding nylon plug and driving mselectroplated screws into plug. PWD SOR Page No : 65 Sl. No : 264</p>	Special			1.00M2 (One Square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
24	17.00	m2	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 25GSM 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 spag 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 PWD SOR Page No :65 SI No :265	Special			1.00M2 (One Square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
25	3.00	m2	Supplying and fixing UPVC (Un-Plasticized Polyvinyl Chloride) Louvered Ventilators of from the profile the size of outerframe 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 PWD SOR Page No : 66, SI No : 266:	Special			1.00M2 (One Square Meter)	
26	10.00	m2	Painting the new iron works such as steel doors, Windows, Ventilators windows bars, balustrades etc, in all floor with two coats of best approved first quality and colour of synthetic enamel paint of approved quality, colour and brand (to be approved by executive engineer before use on works) over one 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 engineer in charge before use on works) (TNSS NO or NBC No 61 V VI (54) 3	NSS NO or NBC No 61 V VI (54) 3			1.00M2 (One Square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
27	15.00	m	Supplying and Fixing in position best approved of BIS quality 110mm P.V.C Rain Water down fall pipe having a pressure of 4Kg / 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 3.00mt pipe length etc, Complete Complying with Standard Specifications.	97 &102			1.00m (One metre)	
28	16.00	m2	Manufacturing, Supplying and Fixing of Stainless Steel Handrails for staircase using 50mm dia 304L Grade Stainless Steel pipe of 1.60mmthick at required locations to a height of900mm from finished floor level welded to 38mm diaStainless Steel pipe post of 1.00mm thick as vertical at900mm centre with 2 Nos. of 25mm dia intermediatehorizontal stainless steel pipe of 1.60mm thick in between.The verticalpipe has to be welded to the 100 X 100 X 6mmMS base plate encased in the base concrete. The rate isinclusive of the charges for cutting, bending, welding,grinding, polishing, conveyance, electrical charges, etc.complete PWD SOR Page No : 57, SI No : 244:	Special			1.00M2 (One square Meter)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
29	2.00	No	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to CI soil pipes (including the cost of 100mm dia CI 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).	97 &102			1.00No (One Number)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
30	5.00	No	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			1.00No (One Number)	
31	3.00	No	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.....	Special			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
32	80.00	m2	Dadoing sides of walls with Glazed design tiles of size 150 x 150x 6mm set in Cement Mortar 1:2 (One cement, three sand) 20mm thick and pointed with the same colour cement including cost and conveyance of all materials, labour charges complete as per standard specification.	Special			1.00M2 (One Square Meter)	
33	17.00	M3	Vibrated Plain Cement Concrete 1:3:6 (one cement three fine aggregates and six coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges and all incidental charges such as water providing etc., complete as per standard specification 30 V, VI (S5) VII & 13	30 V, VI (S5) VII & 13			1.00M3 (One Cubic Meter)	
34	38.00	No	Wiring with 2 x 1.5 Sq.mm (22/0.3) PVC insulated SC Unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and Ceiling with PVC accessoires in flush with wall with 3mm thick Hylum Sheet cover with TW Switch box and 5A F.T. Switch and making good of the Concealed portion with suitable colour for PVC CONCEALED LIGHT POINT/FAN POINT (for Electronics Regulator) (SD NO: 25)	Special			1.00No (One Number)	
35	11.00	No	Wiring with 2 x 1.5 Sq.mm (22/0.3) PVC insulated SC Unsheathed Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and Ceiling with PVC accessoires in Flush with wall 150mm x 100mm x 113mm TW Switch box with 3mm thick Hylum sheet cover for 5A 3 pin non inter locking CS Plug with continuous earth wire connection of 14SWG TC wire and making good of the Concealed portion with suitable colour for CONCEALED PVC PLUG POINT (SD NO: 38)	Special			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
36	30.00	mt	Supplying and Run of 2 of 1 .50 sq.mm [22 / 0.30) PVC Unsheathed Core Cable of 1100 V grade in suitable PVC rigid pipe of wall and ceiling with continuous earth wire connection 14 SWG TC wire with painting suitable color [SD 69]	Special			1.00m (One metre)	
37	1.00	No	Supply and fixing of 16Amps DP switch with metal glad of 500V with fuse and neutral (side handle) on suitable TW box PWD earthing (SD. NO 141)	Special			1.00No (One Number)	
38	1.00	No	Supply and Fixing of TNEB meter Board suitable for 32A Single Phase Service connection with 32A Fuse unit (500V) 32A neutral link and earth link (1" x 1/8" Copper Flat) on TW Plank of Size 375mm x 300mm x 19mm with Supporting TW Reepers of 1" thick an either side with Painting with Suitable bolt and nuts for fixing the TW Plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB Meter to Fuse Unit (SD No :125)	Special			1.00No (One Number)	
39	27.00	No	Supply and Fixing of 30 W LED Street Light Fittings as per PWD SOR P.No.69 etc complete as per standard specification. As per TWAD SOR Electrical items SI.No : 17 a	Special			1.00No (One Number)	
40	7.00	No	Supplying and Fixing of 1200mm (48") sweep AC Ceiling Fan complete with stepped electronic 300 W regulator, with 1 M down rod with fan clamp with side plates and cross arm of size 450 mm (18") [SD 106]	Special			1.00No (One Number)	
41	4.00	No	Supplying and Fixing of 450 mm (18") sweep (light duty) AC Exhaust Fan complete without provision of hole in the wall [SD 115]	Special			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
42	18.00	m	Drilling 150 mm Dia bore well in allurial soil or segmentary starate using not by rig by first drilling a pilot bore of 115 mm dia direct rotary mud circulation method, using contractors rig tools fuel labour for drilling, bentonite Labour drilling at the site shown by the department officers. Borewell in loose soil	Special			1.00M (One Meter)	
43	232.00	m	Borewell in SDR	Special			1.00M (One Meter)	
44	18.00	mt	Supplying and Fixing of 150 mm Dia of Casing Pipe including all cost and conveyance etc Complete. TWAD SOR Page No : 22	97 &102			1.00M (One Meter)	
45	1.00	No	Supply and delivery of Three phase of 75 LPM 150 mtr Head Submersible pumpset of Motor ISI/ISO with Three PHASE PANEL BOARD WITH TWO LEVEL GUARD AND AUTO START as per ISI Specifications including all cost and conveyance to site etc., Complete Supply and delivery of THREE PHASE SUBMERSIBLE PUMPSET(75Lpmx150mHead) SUITABLE FOR150MM DIA BOREWELL AS PER IS 8034 WITHOUT PANEL BOARD 2014-2015 as per ISI Specifications including all cost and conveyance to site etc., Complete TWAD SOR Page No : 98	97 &102			1.00No (One Number)	
46	1.00	No	Supply and delivery of 3 PHASE PANEL BOARD-D.O.L. WITH TWO LEVEL GUARD AND AUTOSTART 2014-2015 as per ISI Specifications including all cost and conveyance to site etc., Complete TWAD SOR Page No : 110	97 &102			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
47	230.00	M	Supply and delivery of following 50 mm dia UPVC Column Pipe and GI Pipes and Other Special materials of good quality including cost of materials and labour with cost for conveyance to site etc Complete complying with standard Specifications. etc., 50mm dia UPVC Column pipe TWAD Page No : 24	97 &102			1.00M (One Meter)	
48	4.00	No	50mm UPVC . Elbow PWD Page No : 107				1.00M (One Meter)	
49	3.00	No	50mm UPVC . Union Elbow PWD Page No : 108	97 &102			1.00No (One Number)	
50	3.00	No	50mm UPVC Bend PWD Page No : 108	97 &102			1.00No (One Number)	
51	1.00	No	50mm Gate Valve TWAD Page No : 45	97 &102			1.00No (One Number)	
52	1.00	M	50mm GM N.R.V TWAD Page No : 45	97 &102			1.00M (One Meter)	
53	2.00	No	50mm PVC MTA TWAD Page No : 27	97 &102			1.00No (One Number)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
54	1.00	No	50mm end PVC Cap PWD Page No : 100	97 &102			1.00No (One Number)	
55	2.00	No	50mm dia GI Flange set TWAD Page No : 44	97 &102			1.00No (One Number)	
56	2.00	No	50mm M.S. Clamp set TWAD Page No : 44	97 &102			1.00No (One Number)	
57	1.00	No	Labour Charges for the Erection of 75 LPM 150 mtr Head Submersible pumpset in borewell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TNICN switches starter, voltmeter, Ammeter, three pilot lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules., complete and testing the pumpset and trail run for 10 days. TWAD page No 287	Special			1.00No (One Number)	
58	70.00	M	Supply and delivery of Following PVC pipes and Specials from Borewell to HDPE tank laying below ground level and above Ground level and HDPE tank to Toilet . 32 mm dia,PVC pipe	97 &102			1.00M (One Meter)	
59	80.00	M	20 mm dia,PVC pipe	97 &102			1.00M (One Meter)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
60	21.00	No	32mm PVC.Elbow	97 &102			1.00No (One Number)	
61	8.00	No	32mm PVC. Bend	97 &102			1.00No (One Number)	
62	7.00	No	32mm PVC. TEE	97 &102			1.00No (One Number)	
63	2.00	No	32mm PVC. End cap	97 &102			1.00No (One Number)	
64	18.00	No	20mm PVC. Bend	97 &102			1.00No (One Number)	
65	18.00	No	20mm PVC.Elbow	97 &102			1.00No (One Number)	
66	10.00	No	20mm PVC. TEE	97 &102			1.00No (One Number)	
67	16.00	No	32mmx20mm PVC.reducer TEE	97 &102			1.00No (One Number)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
68	260.00	M	4sqmm copper cable TWAD Page No : 116	97 &102			1.00M (One Meter)	
69	12.00	No	Suppling and fixing in position 15mm.diameter PVC screw down tap (heavy duty) of approved make conforming to I.S.specifications and quality including cost of shellac , thread etc.complying with standard specifications and including cutting and threading wherever necessary.	97 &102			1.00No (One Number)	
70	4.00	No	Supplying and fixing in position first quality and approved variety of 32mm Gun Metal Gate Valve (Heavy type) with I.S.I.mark of the following sizes including cost of Shellac , thread etc.,including labour for cutting and threading of G.I.Pipes etc.,complete complying with standard specifications for both internal and external water Supply arrangements.	97 &102			1.00No (One Number)	
71	7.00	No	Supplying and fixing position PVC Nahani Trap (PVC Nahani Trap of size 100 x 75mm) with stainless steel gratings with best stainless steel gratings of approved brand and quality, fixed over a bed of brick jelly lime concrete 1:2:5 (One part of lime, two part of sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three sand) including dismantling masonry works wherever found necessary and making good the dismantled 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)	97 &102			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
72	15.00	M	Supplying and Fixing in position Best Quality P.V.C soil / waste pipes of the following sizes having ISI mark and providing leak proof joints including fixing PVC Specials / MS Clamps etc and making connection to all sanitary fittings dismantling masnory / RCC Works wherever necessary and making good the dismantling portions to original condition complying with standard specification etc., complete. 110mm PVC 4KSC Pipe	97 &102			1.00M (One Meter)	
73	8.00	No	110mm PVC Elbow	97 &102			1.00No (One Number)	
74	8.00	No	110mm PVC Tee	97 &102			1.00No (One Number)	
75	2.00	No	Supplying and fixing of 2000 Liters capacity HDPE tank with IS specification IS 10701/96 the tank is meant for outdoor (or)indoor use complete with removable hinged top locking arrangement and to make provision to fix water supply pipe lines, necessary man hole with cover and including all PVC specials pugs, screws nails to fix the tank etc., complete and the tank should fixed firming as directed by the departmental officers. The rate shall be inclusive of all materials, labour conveyance hoisting and fixing charges etc. (The water tank should be got approved by the EE before use on work. TWAD Page No : 85	97 &102			1.00No (One Number)	

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
76	133.00	m2	Providing and laying of 63mm thick high strength type conforming IS 15658-2006 of rubberized interlocking paver block in required sizes of minimum compressive strength of 40 N/mm2 in uniform shape of approved make to be laid in flurrying bone pattern with approved non sticking surface in the top and the rate including leveling the base preparation of sub base with stone dust cushion 100mm thick, laying out the pavement cut the pieces to fit the edge, vibrating the pavers, sweeping transporting, loading unloading and laying of paver block as per standard specification.-10 Sqm	Special			1.00M2 (One Square Meter)	

Bidder's Signature

No	QTY		Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
					FIGURES	WORDS		
77	38.00	m2	Providing and fixing of Aluminium Composite Panel(ACP) 4 sided having 50 x 25 x 1.50mm frame workvertical and horizontals out of specially designedextruded sections withstand wind pressure of 180Kg/sq.m and fabricated fixed at all level elevation andheights. The extruded section cutting and fixingrequired space extruded section shall be of 6063 andalloy of BSH 9 confirming T is – 63400 rate shallincluded to fix the main frame with necessary clamps,fasteners, bolt nuts etc. The main frame of extrudedsection shall be of 22843 & 22739 (H9) gradeconforming to BS 4174 (or) IS 8147. Rate shallincluded 4mm thick ACP sheet (0.25 + 3.5 + 0.25)alstrong or equivalent fixing with spacer tape and theACP sheet bounded with special type structural sealantof dow corning 789 or equivalent in dust freeconditions the gaps between ACP sheet to be filed withwhether sealant and backer rod or 12mm foam sheetto ensure water and air tightness in all completecomplying with standard specification as directed bythe departmental officer PWD Page No : 58 SI>No : 250	Special			1.00M2 (One Square Meter)	
78	37.00	No	Supplying and Fixing of Aluminium Dye Cast Tamil Brass Letters 10" size and colour. The colour treatmentprocess is achieved with MRF colour coat and then theprocessed coloured layer is set into the kiln for the heat treatment process for the following sizes PWD Page No : 68 S.No : 277	Special			1.00No (One Number)	
79	2.00	No	Supplying and fixing of incinerator for ladies inclusive of all materials, labour conveyance hoisting and fixing charges etc. (The water tank should be got approved by the EE before use on work. PWD SOR Page No : 72 SI.No: 292	Special			1.00No (One Number)	

No	QTY	Description of Work	TNDSS No	RATE IN		UNIT	Amount in Rupees
				FIGURES	WORDS		
(TENDER SCHEDULE 01 - 51 ONLY)							

Bidder's Signature