

NAME OF WORK:CONSTRUCTION OF 300 TRIBAL SCHOOL BOYS HOSTEL AT MULLUKURICHI IN NAMAKKAL DISTRICT.

a) The Quantities given here are those upon which the lump sum tender cost of the work is based, but they are subject to alternations, omissions, deductions or addition as provided for in the condition of this contract and do not necessarily show the actual quantities of work to be done. The unit rates excluding GST Amount, quoted below are those governing payment for extras or deductions or omissions according to the condition of the contract, as set forth in the preliminary specification of the standard specifications for roads and bridges with the MORTH specifications and other condition of specifications of the contract.

b) It is be expressly understood that the measured work is to be taken net (Not withstanding any custom or practice to the contrary) according to the actual quantities. When in places and finished according to the drawings, or as may be ordered from time to time by the Collector and the cost calculated by measurement or weight at the respective prices, without any additional charges for any necessary or contingent works concerned therewith. The rates quoted excluding GST Amount are for the finished works in situ and complete in every respect.

SCHEDULE - A

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
1	2	3	4	5	6	7	8	9	10
1	620.00	Cu.m	Earth work excavation for foundation (for narrow excavation) in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the surplus earth within the compound in places shown by the departmental officers with an initial lead of 10 mts and initial lift of 2 mts. and clearing and levelling the site, etc., complete	23&24	VI (S2)			1 Cum (One Cubic metre)	
2	235.00	Cu.m	Earth work open excavation in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 mts. within the compound in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification.	23&24	VI (S2)			1 Cum (One Cubic metre)	
3	72.00	Cu.m	Cement Concrete 1:4:8 (One Cement, Four M.Sand and Eight hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick well rammed, consolidated and curing etc. complete complying with standard specification	28	V, VI (S2)			1 Cum (One Cubic metre)	

No.of Corrections in Figures
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Contractor

General Manager(Tech),
TAHDCO, Chennai-18.

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
4	71.00	Cu.m	Flooring Concrete 1:4:8 (One cement, Four M.Sand and Eight hard broken stone) using 40 mm gauge hard broken jelly for flooring including laying, consolidating, finishing, rendering the top surface rough to receive the floor, curing, etc. complete complying with standard specification. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers.	28V,VI S2 [SSA] VII				1 Cum (One Cubic metre)	
5	7.50	Cu.m	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.	Specials				1 Cum (One Cubic metre)	
6	72.73	Cu.m	Supplying and filling in foundation, basement, etc with conveyed M.M.Sand in layers of not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.	24,25	VI (S2)			1 Cum (One Cubic metre)	
7	180.00	Cu.m	Refilling with excavated earth other than M.Sand with an initial head load of 100 mts. and depositing the earth as shown by the departmental officers in layers of not more than 15 cm thick well rammed, watered and consolidated etc. complete complying with standard specification.	24,25	VI (S2)			1 Cum (One Cubic metre)	
8	215.00	Cu.m	Supplying and filling in foundation, basement, etc with conveyed Well gravel 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	VI (S2)			1 Cum (One Cubic metre)	
9	2.00	Cu.m	Supplying and filling 40mm guauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers etc. complete complying with standard specification.					1 Cum (One Cubic metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
10	2.00	Cu.m	Supplying and filling 20mm gauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers etc. complete complying with standard specification.					1 Cum (One Cubic metre)	
11	2.00	Cu.m	Supplying and filling 10mm to 12mm gauge HBGS stone jelly for dispersion trench including loading conveying and unloading and as directed by the departmental officers etc. complete complying with standard specification.					1 Cum (One Cubic metre)	
12	125.00	Cu.m	Supplying and filling in foundation and basement with M.Sand and gravel mix 1:1 (one quarry dust and one Gravel) finished thickness in layers of not more than 15 cm thick including stacking,mixing,spreading and also watered, rammed and compacted etc., complete complying with std.specification.	24, 25	NBC Part VI (S2) 8			1 Cum (One Cubic metre)	
13	493.00	Sq.m	Supplying and erecting steel centering including necessary supports for plane surfaces for Reinforced Cement Concrete works such as column footings, column pedestals, plinth beams, grade beams, staircase steps, etc. which require only nominal strutting using mild steel sheets of size 90cm x 60cm and 10 BG stiffened with welded mild steel angles of size 25mm x 25mm x 3 mm for boarding, laid over silver oak joists of size 10cm x 6.5cm spaced at about 75cm centre to centre or at suitable intervals etc. complete in all floors complying with standard specification. (Payment for centering shall be given after the concrete is laid).	30 & 46J	V, VI			1 Sqm (One Squire metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
14			Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificaliton. (Payment for centering shall be given after the concrete is laid).						
a	3435.00	Sq.m	For plane surfaces such as RCC floor slab, roof slab, beams, lintels, bed blocks, landing slab, waist slab, portico slabs and beams, etc.	30 (S) 86 86	A V, VI (S3), VII			1 Sqm (One Squire metre)	
b	1270.00	Sq.m	For plane surfaces such as rectangular or square RCC columns, sunshades, top and bottom slab of RCC boxing, etc.	30 (S) 86 86	A V, VI (S3), VII			1 Sqm (One Squire metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
15			Cement Concrete 1:1-1/2:3 (One Cement, One and a half M.Sand and Three hard broken stone jelly) using 20 mm gauge hard broken granite stone jelly for all RCC items of works excluding cost of reinforcement grill and fabricating charges centering and shuttering but including laying, vibrating with mechanical vibrators, finishing, curing, etc. and providing fixtures like fan clamps in the RCC floor / roof slabs wherever necessary and bearing surfaces of walls, beams etc. shall be finished smooth with Cement Mortar 1:3 (One Cement and Three M.Sand) and kraft paper laid over it without claiming extra, etc., complete complying with standard specification and as directed by the departmental officers						
a	153.50	Cu.m	For foundation & basement	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	
b	178.00	Cu.m	In Ground floor	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	
c	142.00	Cu.m	In First floor	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	
d	140.00	Cu.m	In Second floor	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	
e	13.00	Cu.m	In Third floor	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
f	0.50	Cu.m	In Fourth floor	30 (S) 86 86	A V, VI (S3), VII			1 Cum (One Cubic metre)	
16	747.50	Qtl	Supplying, fabricating and placing in position Mild Steel / Ribbed Tor Steel grills for all RCC works as per design given including cost of steel and G.I. binding wire in all floors etc. complete complying with standard specification. (Contractor has to make his own arrangements for the supply of steel and binding wire)	97	V, VI[S6] VII[S6] VII.3			1 Qtl (One Quental)	
17			Manufacturing, supplying and fixing Precast Reinforced Cement Concrete slabs 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.						
a	508.00	Sq.m	25mm Thick slab	Similar to 29				1 Sqm (One Square metre)	
b	30.00	Sq.m	50mm Thick slab	Similar to 29				1 Sqm (One Square metre)	
18	41.00	Sq.m	Manufacturing, supplying and fixing in position of RCC Jally 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	Specials				1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
19			Brick work using using Country Bricks of size 8-3/4" x 4-1/4" X2-3/4" in Cement Mortar 1:6 (One cement and six M.Sand) including curing neat finishing, etc., complete complying with standard specification.						
a	82.00	Cu.m	For foundation & basement	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
b	190.00	Cu.m	In Ground floor	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
c	162.00	Cu.m	In First floor	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
d	152.00	Cu.m	In Second floor	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
e	45.00	Cu.m	In Third floor	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
f	4.00	Cu.m	In Fourth floor	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	

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Contractor

General Manager(Tech),
TAHDCO, Chennai-18.

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
20			Brick work using using Country Bricks of size 8-3/4" x 4-1/4" X2-3/4" in Cement Mortar 1:5 (One cement and five M.Sand) including curing neat finishing, etc., complete complying with standard specification.						
a	45.00	Cu.m	For foundation & basement	31, Similar to 31C V	V, VI (S5) VII			1 Cum (One Cubic metre)	
21			Brick partition walls using best quality using Country Bricks of size 8-3/4" x 4-1/4" X2-3/4" in Cement Mortar 1:3 (One Cement and Three M.Sand) using hoop iron reinforcement if found necessary including curing etc. complete and as directed by the departmental officers. (Hoop iron reinforcement will be measured and paid for separately).						
a	16.00	Sq.m	In foundation & basement	23&24	VI (S2)			1 Sqm (One Square metre)	
b	170.00	Sq.m	In Ground floor	23&24	VI (S2)			1 Sqm (One Square metre)	
c	155.00	Sq.m	In First floor	23&24	VI (S2)			1 Sqm (One Square metre)	
d	155.00	Sq.m	In Second floor	23&24	VI (S2)			1 Sqm (One Square metre)	

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
22	63.00	Cu.m	Weathering course in brick jelly lime concrete using broken brick jelly of size 20mm uniform gauge in pure slaked lime (no M.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.	51 [10-1] V, VI [S5] VII, 3				1 Cum (One Cubic metre)	
23	795.00	Sq.m	Finishing the top of roof with one course of machine pressed tiles of size 230mm x 230mm x 20mm of approved quality set in Cement Mortar 1:3 (One Cement and Three M.Sand) 12mm thick mixed with water proofing compound conforming to ISS at 2% by weight of cement used and the joints pointed neatly to full depth of tiles with the same cement mortar mixed with red oxide and water proofing compound including curing etc., complete complying with standard specification and as directed by the departmental officers	44HV,VI [S5A]VII,3				1 Sqm (One Square metre)	
24			Paving the floor with fine polished cuddapah stone slab of following thickness over Cement Mortar 1:3 (One Cement and Three M.Sand) 20mm thick over the existing bed of Cement Concrete 1:5:10, (One Cement, Five M.Sand and Ten aggregate) and pointing the joints to full depth of slabs with same mortar mixed with black oxide and the top surface rendered smooth, curing, etc., The cuddapah stone slabs and other materials to be used shall be got approved by the Executive Engineer concerned before use on work, etc., complete complying with standard specification.						
a	55.00	Sq.m	38 / 40mm thick	Specials				1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
25	3.00	Sq.m	Finishing the top of work table slab, counter slab, etc, with polished Granite/Marble slab of 2'0" x 1'0" and below size, 10mm thick of the following varieties of set in cement motor 1:3 (one cement and three M.Sand), 20mm thick and top pointed with colour cement including rounding the nosing etc, complete in all floors.		Specials			1 Sqm (One Square metre)	
26	1105.00	Sq.m	Paving the floor with best quality Double charged 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)		Specials			1 Sqm (One Square metre)	
27	563.00	Sq.m	Paving the floor with pre-polished concrete anti-skid tiles (Required shape and design) of 20mm thick of approved quality and colour laid in Cement Mortar 1:3 (One Cement and Three M.Sand) 20mm thick and pointed with white cement mixed with colouring pigment at the rate of 0.40 Kg. / sq.m., curing, etc., complete complying with standard specification and as directed by the departmental officers. (The make and brand of the tiles should be got approved by Executive Engineer before use on works)		Specials			1 Sqm (One Square metre)	
28			Flooring with following ceramic tiles of size 305 x 305 x 6 mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three 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)						

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a	220.00	Sq.m	Plain Ceramic Tiles of size 305 x 305 x 6mm	Specials				1 Sqm (One Square metre)	
29			Dadoing walls with following best approved quality, white / colour glazed tiles of following sizes set in Cement Mortar 1:2 (One Cement and Two M.Sand) 10mm thick and pointing the joints with white cement mixed with colouring pigments at the rate of 0.40 Kg. / sq.m. neatly in all floors, curing, etc., complying with standard specification and as directed by the departmental officers.						
a	950.00	Sq.m	Cost of White glazed tiles of size 150mm X150mm X 6mm size	41B Generally				1 Sqm (One Square metre)	
30			Supplying and fixing in position best approved of BIS 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.						
a	235.00	Rm	110 mm dia	Specials				1 RM (One Running metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
31	5400.00	Kg	Supplying & fixing mild steel grills for opening, corridor sides, ladder entrance gate and Name board angles, windows, ventilators, etc., including priming coat etc., complete complying with standard specification and as directed.		Specials			1 Kg (Kilogram)	
32	4.50	Rm	Supplying and Fixing MS Ladder width 45cm using 50x50x6mm MS Angle including priming coat etc., complete complying with standard specification and as directed.		Specials			1 RM (One Running metre)	
33	6775.00	Sq.m	Plastering with Cement Mortar 1:5 (One cement and Five P.Sand), 12mm thick in all floors including curing etc. complete complying with standard specification and as directed by the departmental officers.		SS 56 & 57			1 Sqm (One Square metre)	
34	2740.00	Sq.m	Special ceiling plastering and finishing the exposed surface of all RCC items of work such as slabs, beams, sunshades, fascia, canopy slab, staircase waist slab, landing slab etc., with Cement Mortar 1:3 (One Cement and Three 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		Specials			1 Sqm (One Square metre)	
35	270.00	Sq.m	Plastering with Cement Mortar 1:3 (One Cement and Three P.Sand) 20mm 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.		Specials			1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
36	12.00	Sq.m	BLACK BOARD Plastering the surface of walls with cement mortar 1:3 ; 12mm thick mixed with Black oxide at 2% by weight of cement used in all floors etc., complete complying with standard specification.		Specials			1 Sqm (One Square metre)	
37	53.00	Sq.m	Manufacturing supplying and fixing of Single Leaf Steel Door with the following specification MS angles of size 40x40x6mm are used for the outer frames and M.S. angles of size 35x35x5mm for the shutter frames stiffeners with 32 x 6mm M.S flat is provided at required intervals in the shutter frame. 18-gauge C.R. sheet laid as panel in the shutter and welded intact. M.S. flat 18x5mm is welded over the 32 x 6mm M.S. flat M.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 rotating 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 to 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, unloading and all other incidental charges etc., complete.		Specials			1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
38	6.00	Sq.m	<p>Manufacturing supplying and fixing of Double Leaf Steel Door with the following specification MS angels of size 40x40x6mm are used for the outer frames and M.S. angles of size 35x35x6mm for the shutter frames stiffeners with 32 x 6mm M.S flat is provided at required intervals in the shutter frame. 18-gauge C.R. sheet laid as panel in the shutter and welded intact. M.S. flat 18x5mm is welded over the 32 x 6mm M.S. flat M.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 rotating 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 to 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.</p>		Specials			1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
39			Fabricating, Supplying and fixing in position of steel sheeted windows with the following specifications. Outer frames of windows made of 'Z' section F7D of size 33 x 25 x 3mm at 1.419 kg/ m and mullion 'J' section (F4B) of size 46x25x3mm at 2.28kg/m and shutter section of made of F7D of 33x25x3mm at 1.419 kg/m as specified in IS 7452/1990. Each openable shutter should not exceed a width of 600mm to enable separate operations and easy maintenance. The panel of the shutters to be covered with 18 gauge cold rolled sheet of superior quality and welded intact with shutter frames. Horizontal stiffeners using 18x5mm MS Flat at 0.70kg/m at 3 Nos. for each shutter and additional diagonal stiffeners of the same MS flats at all the four corners of each shutters to the suitable length welded to the shutters, for holding the CR Sheets in position firmly. 2 numbers of sturdy hinges and one number of handle-cum-latch of special type made with 18x5mm MS flats are revetted to the shutters at an appropriate height in window.All members are painted with one coat of anti-corrosive red oxide primer as directed by the departmental officers. All sections should be in confirmed with IS 7452/1990.The cost includes cost of all materials, labour charges and other incidental charges, etc., complete						
a	39.00	Sq.m	Two Leaves with Four Shutter		Specials			1 Sqm (One Square metre)	
b	95.00	Sq.m	Three Leaves with Six Shutter		Specials			1 Sqm (One Square metre)	

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
40	155.00	Sq.m	Supplying and Fixing position of Solid PVC door shutters using 19 Gauge 19mm MS square tubes for styles and outer frames. 15mm MS square tubes for top, lock and bottom rails. The steel tubes shall be covered with 5mm thick solid PVC sheets. Shutter using 5mm thick solid PVC sheets for panelling shall rigidly fixed in position including necessary furniture and fittings. The over all size of styles shall be 50mm x 30mm. The over all size of top rail, Lock rail and bottom rail shall be 75mm x 30mm. The over all size of frames shall be 50mm x 45mm, with suitable rabate for housing the shutter.		Specials			1 Sqm (One Square metre)	
41	2740.00	Sq.m	White washing two coats with freshly burnt white shell lime in all floors including cost of lime, blue powder fevicol type gum, brushes, scaffolding charges, etc., complete complying with standard specification and as directed.		61 V, VI (S4) 3			1 Sqm (One Square metre)	
42	3480.00	Sq.m	Supplying and painting the walls with two coats of oil bound distemper over one coat of water based cement primer including cost for distemper, primer, cleaning and scrapping the walls, rendering the walls smooth with necessary putty, brushes, scaffolding arrangements, labour charges, etc., as per standard specification. (The colour and shade of the distemper shall be got approved		Specials			1 Sqm (One Square metre)	
43	3110.00	Sq.m	Painting two coats of newly plastered wall surface with ready mixed plastic emulsion paint of first class quality and of approved colour over a priming coat including thorough scrapping, clean removal of dirt, and including necessary plaster of paris putty, wherever required etc., complete complying with standard specification.		Specials			1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
44	580.00	Sq.m	Painting new iron works such as steel doors, windows, ventilators, window bars, balustrades etc., with two coats of best approved first quality and colour of synthetic enamel paint over 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.)	66&66a &V2,VII13,5				1 Sqm (One Square metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
45			Supplying, laying and jointing G.I. Pipes of approved quality and best variety of "B" class pipe of the following dia including labour fixing G.I. Specials, (excluding charges for cutting and threading of pipes, cost of such specials) Internal water supply to wall with necessary teak wood plugs, clamps, screws, thread balls, shellac, etc., making holes on the walls (or) drilling holes in roof and making good the dismantled portions to original condition with necessary brick work / concrete and plastering wherever necessary with necessary scaffolding charges. The pipes are to be painted with the 2 coats of good variety and approved best quality of synthetic enamel paint over a priming coat of red oxide etc., complete in all floors complying with standard specification. G.I. pipes shall be got approved by the Executive Engineer before use on works. Above ground level.						
a	246.00	Rm	20 mm dia GI Pipe		Specials			1 RM (One Running metre)	
46			Supplying, laying, fixing and jointing the following size of B Class GI Pipe of approved quality and best variety above ground level including fixing of GI specials but excluding cost of such specials and cutting and threading of pipes and also fixing to the wall with necessary Teak Wood Plugs, Clamps and screws making holes on the wall or drilling holes in roof and making good of the disturbed portions to original condition with necessary brick work and plastering wherever necessary with necessary scaffolding changes. The pipe are to be painted with two coats of good variety and best quality synthetic enamel paint over a coat of red oxide primer etc., complying with standard specification .(above ground level).						

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a	48.00	Rm	25mm dia G.I Pipe		Specials			1 RM (One Running metre)	
a	51.00	Rm	32mm dia G.I Pipe		Specials			1 RM (One Running metre)	
47			Supplying and fixing in position first quality and approved variety of Gun metal Gate Valve / Wheel Valve with BIS make of the following dia including cost of shellac, thread balls, etc., complete complying with standard specifications (for both internal and external water supply arrangements). The valves to be used on work shall be got approved by the Executive Engineer before use on work.						
a	6.00	Nos	25mm Gun Metal full way Gate valve		Specials			1 No (One Each)	
b	4.00	Nos	32mm Gun Metal full way Gate valve		Specials			1 No (One Each)	

No.of Corrections in Figures
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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
48			Supplying and fixing in position GI unions of heavy duty of approved quality and good variety of various sizes including necessary cutting and threading of GI pipes for jointing the union and providing two coats of painting with good variety and approved quality of synthetic enamel paint over one coat of primer in case of pipe line above ground level / one coat of tar in case of below ground level for both internal and external water supply arrangements, etc., complete complying with standard specifications. (The GI unions should be got approved by Executive Engineer before use on works).						
a	16.00	Nos	20mm Union		Specials			1 No (One Each)	
b	10.00	Nos	25mm Union		Specials			1 No (One Each)	
c	4.00	Nos	32mm Union		Specials			1 No (One Each)	
49			Supplying and fixing in position the following GI Specials of heavy type and approved quality and good variety excluding fixing charges but including necessary cutting and threading of GI pipes, jointing the GI specials and painting with two coats with good variety and best quality synthetic enamel paint over a coat of red oxide primer and jointing the specials with pipe line using shellac etc., complete complying with standard specification. (The GI specials should be got approved by the Executive Engineer concerned before use on works.)						

No.of Corrections in Figures
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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a	4.00	Nos	32mm dia Elbow		Specials			1 No (One Each)	
b	14.00	Nos	25mm dia Elbow		Specials			1 No (One Each)	
c	6.00	Nos	20mm dia Elbow		Specials			1 No (One Each)	
d	8.00	Nos	32mm dia bend		Specials			1 No (One Each)	
e	52.00	Nos	25mm dia bend		Specials			1 No (One Each)	
f	44.00	Nos	20mm dia bend		Specials			1 No (One Each)	
g	4.00	Nos	32mm dia Tee		Specials			1 No (One Each)	
h	14.00	Nos	25mm dia Tee		Specials			1 No (One Each)	

No.of Corrections in Figures
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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
i	36.00	Nos	20mm dia Tee		Specials			1 No (One Each)	
j	8.00	Nos	25mm dia Coupling		Specials			1 No (One Each)	
k	4.00	Nos	20mm dia Coupling		Specials			1 No (One Each)	
l	6.00	Nos	25 x 20 mm dia GI Reducer		Specials			1 No (One Each)	
m	2.00	Nos	25 x 20 mm dia GI Reducer Elbow		Specials			1 No (One Each)	
n	8.00	Nos	25 x 20 mm dia GI Reducer Tee		Specials			1 No (One Each)	
o	4.00	Nos	32mm dia GI Hex Nipple		Specials			1 No (One Each)	
p	8.00	Nos	25mm dia GI Hex Nipple		Specials			1 No (One Each)	

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
50			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).						

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a			White Glazed Wash Hand Basin						
i	6.00	Nos	Without Pedestal		Specials			1 No (One Each)	
51	1.00	Nos	Supplying and fixing in position best quality cuddapah sink of sizes 600x600x200mm including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Executive Engineer before use on works]		Specials			1 No (One Each)	
52	48.00	Nos	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 M.Sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two 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 Each)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
53	54.00	Nos	Supplying and fixing position CI Nahani Trap / Floor Trap of the 110mm x 75mm sizes 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 M.Sand and five part of 40mm gauge brick jelly) and finished with Cement Mortar 1:3 (One Cement, Three 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)		Specials			1 No (One Each)	
54	2.00	Nos	Supplying and fixing PVC ventilating shaft of 110mm dia (having working pressure 4 kg. / sq.cm) with 3 metre height including cost of PVC cylindrical cowl of best approved quality etc., complete complying with standard specifications and as directed by the departmental officers		Specials			1 No (One Each)	
55	1.00	Nos	Supplying and fixing in position CI manhole covers with CI frames (Heavy duty) of size 60cm x 60cm of best approved quality as per standard specification etc., complete complying with standard specifications		Specials			1 No (One Each)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
56			Supplying and fixing in position best quality PVC soil / waste pipes of various dia having 6 kg / sq.cm. pressure BIS mark and providing leak proof joints using PVC adhesives including fixing to the wall with special PVC / MS clamp, teak wood plugs, brass screws, etc., and making connection to all sanitary fittings, dismantling masonry / RCC works wherever found necessary and making the good dismantled portion to the original condition, including testing for any leakages, etc., complete complying with standard specifications. (The PVC pipes should be got approved by the Executive Engineer before use on works). The rate for earth work excavation will be measured and paid separately in the cases where the pipe lines are proposed to laid below ground level						
a	380.00	Rm	110mm dia PVC soil pipe	Specials				1 Rm (One Running Metre)	
b	50.00	Rm	160mm dia PVC soil pipe	Specials				1 Rm (One Running Metre)	
57			Supplying and fixing in position PVC specials of the following dia and types of approved quality confirming to BIS and providing leak proof joints including fixing to the walls and giving connection to the PVC soil stacks, dismantling the masonry or RCC works and re-doing the dismantled portion to original condition etc., complete complying with standard specifications. (The PVC specials should be got approved by the Executive Engineer before use on works).						

No.of Corrections in Figures
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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a	16.00	Nos	160mm dia PVC Plain Elbow		Specials			1 No (One Each)	
b	8.00	Nos	110mm dia PVC Plain Elbow		Specials			1 No (One Each)	
c	8.00	Nos	160mm dia PVC Tee		Specials			1 No (One Each)	
d	36.00	Nos	110mm dia PVC Tee		Specials			1 No (One Each)	
e	128.00	Nos	110mm dia PVC Door Bend		Specials			1 No (One Each)	
f	16.00	Nos	110mm dia PVC "Y" with Single Door		Specials			1 No (One Each)	
g	7.00	Nos	110mm x 75mm PVC Reducer		Specials			1 No (One Each)	
h	6.00	Nos	110mm dia PVC Double "Y" with Single Door (4 way junction)		Specials			1 No (One Each)	

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
i	16.00	Nos	110mm dia PVC Cowl	Specials				1 No (One Each)	
58			Supplying, laying and jointing PVC pipes (having working pressure 10 kg. / sq.cm) of approved quality and best variety conforming to BIS of the following dia including cutting, threading and fixing PVC specials using PVC adhesives (but excluding cost of such specials) and fixing into wall with teak wood plugs, PVC clamps and screws making holes on the wall (or) drilling holes in the roof and making good the dismantled portion to original condition with necessary brick work / cement concrete and plastering neatly wherever necessary with necessary scaffolding charges upto 4 metre height above ground level, etc., complete complying with standard specifications. The PVC pipes shall be got approved by Executive Engineer before use on works. below ground level.						
a	35.00	Rm	32mm dia PVC Pipe	Specials				1 Rm (One Running metre)	
59			Supplying PVC Specials (with working pressure 10 kg. / sq.cm.) in water supply arrangements (both in internal and external water supply arrangements)						
a	6.00	Nos	32 mm dia PVC elbow	Specials				1 No (One Each)	
b	10.00	Nos	32 mm dia PVC bend	Specials				1 No (One Each)	
c	4.00	Nos	32 mm dia PVC Tee	Specials				1 No (One Each)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
60			Supplying and fixing in position 15mm dia brass CP screw down tap / Pillar tap (heavy duty) of approved make conforming to BIS specifications and quality including cost of shellac, thread, etc., complete complying with standard specification and including cutting and threading wherever necessary. (Taps should be got approved by the Executive Engineer before use on the works)						
a	108.00	Nos	15mm dia CP Screw Down Tap		Specials			1 No (One Each)	
61	90.00	Nos	Supplying and fixing approved best quality brass CP towel rail 600mm long 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 Each)	
62	48.00	Nos	Supplying and fixing best approved best quality brass CP soap tray of size 150 x 150mm 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 Each)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
63	7.00	Nos	Supplying and fixing of PVC ready made WATER TANK of 1000 Ltr capacity of best and approved quality with ISI specification and having inlet,outlet, overflow and clearing pipe arrangements and labour charges for fixing in position with all necessary accessories and transporting at site of work etc., complete complying as directed by the departmental officers		Specials			1 No (One Each)	
64	200.00	RM	Drilling of 6" dia(150mm) vertical bores in hard areas to any required depth as directed by the departmental officials. The rate is inclusive of assembling the equipment in the point as selected, drillingbore, labour charges for inserting casing pipe of necessary and also transportation charges for the rig and supporting vehicle to the bore point etc., complete complying with standard specification.		Specials			1 Rm (One Running Metre)	
65	18.00	Rm	Supplying suitable PVC casing pipe for 6" dia borewell (6kg/cm ²) for 6" dia borewell of best quality with mark(The PVC pipe should be got approved by departmental officers before execution.		Specials			1 Rm (One Running Metre)	
66	1.00	Nos	Supplying and fixing of suitable PVC endcap (6kg/cm ²)for 6"dia borewell of best quality with mark (The PVC pipe should be got approved by departmental officers before execution.)		Specials			1 No (One Each)	
67			Supplying of best and approved quality of HDPE pipe of the following size including laying in the bore well and tying with copper wire etc., complete complying with standard specification.						

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
a	185.00	Rm	40mm dia HDPE pipes.		Specials			1 Rm (One Running Metre)	
68	1.00	Set	Supplying and fixing of hydraulically tested 2.00 HP.3 phase Motor with submersible pump set with motor with ISI making as per specification for duty condition detailed below. The Motor fitted with the pump should be category suitable for installation in Bore well. The rate including cost of panel board with accessories switch starter and water level gauge (The pump set should be delivered at work site including freight charges etc. complete)		Specials			1 Set (One Set)	
69	1.00	Set	Supplying and erecting of best approved 1.5 H.P 3 phase centrifugal monoblock electrical motor pump set with ISI make including frame for assembling motor in position with all accessories with DOL Push button starter etc., complete as directed by the departmental officers.		Specials			1 Set (One Set)	
70	1.00	Nos	Supplying and fixing wall mounting of Panel board with following accessories Suitable DOL type push bottom automatic starter for 1.5 HP Bore well compressor etc, complete as directed by the departmental officers.		Specials			1 No (One Each)	
71	210.00	Rm	Supply and delivery of 3 core copper cable of 4q.m 1100V grade PVC insulated PVC sheathed water proof etc.		Specials			1 Rm (One Running Metre)	
72	195.00	Rm	Supply and erecting of Nylon PVC Rope with approved Quality inside the bore well etc completed.		Specials			1 Rm (One Running Metre)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
ELECTRICAL WORKS									
73	227.00	Pt	Wiring with 2x1.5sqmm (22/0.3) PVC insulated unsheathed SC Cu. Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires with TW switch box and 5A F.T. switch in flush with wall with 3mm thick hylum sheet cover for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (For electronic regulator)		Electrical Std Specification			1 Pt (One Point)	
74	114.00	Pt	Wiring with 2 x 1.5 sqmm (22 / 0.3) PVC insulated SC unsheathed Copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories 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 (6 points Per coil) (For Rooms like Bath, Toilet & Pump room etc.)		Electrical Std Specification			1 Pt (One Point)	
75	4.00	Pt	Wiring with 3 x 1.5sqmm(22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A F.T. switch (Two way) with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour. for concealed staircase light point.		Electrical Std Specification			1 Pt (One Point)	

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Contractor

General Manager(Tech),
TAHDCO, Chennai-18.

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
76	22.00	Pt	Wiring with 2x1.5sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories, in flush with wall, with 150mm x 100mm x 113mm TW switch box with 3 mm thick Hylem sheet cover for 5 A 3 pin non inter locking CS Plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point .		Electrical Std Specification			1 Pt (One Point)	
77	2.00	Pt	Wiring with 2x4 sqmm(56/0.3) PVC insulated SC unsheathed Cu.Conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories, in flush with wall, with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet for 15 A 3 pin non inter locking CS plug with continuous earth wire connection of 14 SWG TC wire , and making good of the concealed portion, with suitable colour for concealed power plug point		Electrical Std Specification			1 Pt (One Point)	
78	40.00	Rm	Supply and run of 4 x 6 sq.mm (84/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V on 7/20 GI bearer wire for service connection mains		Electrical Std Specification			1 Rm (One Running Metre)	
79	6.00	Rm	Supply and run of 4 x 6 sq.mm (84/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V grade in 32mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron up right and end supports for mains		Electrical Std Specification			1 Rm (One Running Metre)	
80	44.00	Nos	Supply and fixing of fancy glass shade and 11 W CFL for BH point.		Electrical Std Specification			1 No (One Each)	

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SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
81	96.00	Nos	Supply and fixing of WT bulk head fitting with guard (Philips / Bajaj / Crompton / K. Lite) suitable for 11W CFL lamp with CFL		Electrical Std Specification			1 No (One Each)	
82	99.00	Nos	Supply and fixing of single box type 4'40 W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting.		Electrical Std Specification			1 No (One Each)	
83	8.00	Nos	Supply and fixing of 4'40 W twin street light flu. fitting complete With copper choke and condensor with 19mm dia GI pipe (Class 'B') with 1 No. 19mm GI Bend complete on the existing post / wall With 16 A aerial fuse unit on MS plate with PVC unsheathed Cu. leads, with MS clamps and aluminium painting with Flu. Tubes		Electrical Std Specification			1 No (One Each)	
84	91.00	Nos	Supply and fixing of 1200 mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp.		Electrical Std Specification			1 No (One Each)	
85	7.00	Nos	Supply and fixing of 450 mm (18") sweep (light duty) AC exhaust fan complete with necessary wall opening and making good of the wall.		Electrical Std Specification			1 No (One Each)	

SI No.	Approximate Qty.	Unit	Description of Work	TNBP No	NBC	Rate in Figures	Rate (Rs. In words)	Unit of Calculation	Amount in Rupees
86	1.00	Nos	Supply and fixing of TNEB meter Board suitable for 32A Three Phase service connection with 3 Nos. 32A Fuse unit (500V) 32A neutral link and earth link (1" x 1/8" Copper flat) on TW plank of size 600mm x 450mm 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.		Electrical Std Specification			1 No (One Each)	
87	3.00	Nos	Supply and fixing of 3 Phase 32A aerial fuse unit for 3 Nos 32A fuse units (500V) on suitable MS sheet covered with 6mm thick hylem sheet on suitable angle iron work the tapping pole with necessary clamps.		Electrical Std Specification			1 No (One Each)	
88	2.00	Nos	Supply and fixing of 4way SP DB of 16A / Way with 16A DP switch with metal clad of 500 V (Side Handle) F&N on suitable angle iron frame work with trunking box MS cable entry box with earth connection.		Electrical Std Specification			1 No (One Each)	
89	2.00	Pt	Earthing as per P.W.D standard with an earth electrode of 2 Mtr. Class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work.		Electrical Std Specification			1 No (One Point)	
89 (Eighty Nine items only)			Total						
GST EXTRA 12 % Should be proportionate to the above total value									
GRAND TOTAL									

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Schedule – 'B' CONTD...

LIST OF DRAWINGS			SUPPLEMENTAL LIST			
Note All drawings to be signed by the Contractor as well as the Officer entering into the contract			As referred to in the specifications (including the preliminary specification of the Madras Detailed standard specifications).			
Sl. No.	Drawing Number	Description	Sl. No.	Drawing Number	Description	Date on which the drawing was supplied
1	2	3	4	5	6	7
	Plan showing the proposed NAME OF WORK :CONSTRUCTION OF 300 TRIBAL SCHOOL BOYS HOSTEL AT MULLUKURICHI IN NAMAKKAL DISTRICT.					

Contractor

**General Manager (Tech),
TAHDCO, Chennai - 18.**