

KATTUMANNARKOIL TOWN PANCHAYAT, CUDDALORE DISTRICT**SCHEDULE - A****Schedule of rates and approximate quantities**

a) The quantities here given are those upon which the estimate cost of the work is based but they are subject to alterations, commissions, deduction or additional as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The unit rates notes below are those government payment for extra or deductions read with the Town Panchayat councils adaptation form and other conditions or specification of this contract and subject to the accepted tender percentage either below, above or at estimate rates as defined in the tender and as shown at the end of Schedule "A"

b) It is expressly understood that measured work is to be taken net-not withstanding any custom to practice to the contrary according to actual quantities when in place and finished according to the drawing or as may be ordered from time by the Assistant Executive Engineer at the cost calculated by measurement or weight at the respective prices with out any additional charge for any necessary or contingent works connected here with. The rates quoted are for works In-SITE and completed in every respect.

Name of work:- Renovation of Bus Stand Area in Kattumannarkoil Town Panchayat.

Estimate Amt. Rs. 5000000.00

Name of Scheme O &M SCHEME -2021-2022

Issued to Thiru :

Vide Challan No.

Date:

Received Rs (Rupees)

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS or MORTH No.	Rate in Figures & Words		Units in Figures & Words	Amount
					FIGURES	WORDS		
1	67	m3	Earth work excavation in all classes of soils such as hard stiff clay, stiff black cotton, hard red earth, shales, murrum, ordinary earth, earth mix with 50% fair sized boulders etc., with initial lead and lifts including laying, spreading, leveling, sectioning breaking clods etc., including all incidental charges etc., complete as per standard specification . for Foundations SS 20B				1M ³ (One Cubic Metre)	
2	1.5	m3	Supply delivery and filling of River M-Sand in layer of not more than 15 cm thick including watering with all layers and consolidation complying with standard specification including cost and conveyance of M-Sand to Site and all labour charges and all other incidental charges etc., complete as per Standard Specification				1M ³ (One Cubic Metre)	

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS or MORTH No.	Rate in Figures & Words		Units in Figures & Words	Amount
					FIGURES	WORDS		
3	1	m3	Cement concrete of mix 1:4:8 (One cement Four M-Sand Eight aggregates) using 40mm gauge hard broken including cost conveyance of all materials to site including 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.				1M ³ (One Cubic Metre)	
4	11	m3	Brick work in Cement Mortar in 1:5 (One cement and Five M-Sand) using best quality of Country bricks of size 8¾x 4 ¼ x 2 ¾ including all cost of materials and labour charges including Curing charges etc., complete as per Standard Specificationand as directed by department officials.				1M ³ (One Cubic Metre)	
5	85.50	m2	Supplying & Erecting centering for sides & soffits including necessary supports & strutting upto 3.29m height for plane surfaces in all floors with all cross bracings using mild steel sheets of size 90 x 60cm & 10 gauge stiffened, welded with steel angle of size 25 x 25 x 3mm for boarding laid over silver oak joists(Country wood) of size 10 x 6.5cm spaced @ about 90cm c/c and supported by casurina props of 10 - 13cm dia. spaced @ 75cm c/c etc., complete complying with standard specifications and as directed by the departmental officers. Rate for 10m2.for the following items.(RCC floor slab, roof slab, Rectangular/ square, Tee/ Ell beams, Lintels, staircase waist slabs, Landing slabs, Landing beam, Portico beam etc.,).				1M ² (One Square Metre)	

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS or MORTH No.	Rate in Figures & Words		Units in Figures & Words	Amount
					FIGURES	WORDS		
6	19.00	m3	Reinforced Cement Concrete 1:1½:3 Mix (One part cement, one and half part sand and three part of aggregate)using 20mm size ISS HBG metal machine crushed from approved quarry including cost and conveyance of all materials to site, loading and unloading charges and labour charges for mixing, laying and curing but excluding cost of reinforcement etc. Complete with std. Specifications.(Using Vibrator) TNDSS NO: 30 V, VI (S3), VII-3.				1M³ (One Cubic Metre)	
7	2100.00	Kg	Supplying and fabrication of steel and placing in position of TMT steel rods for RCC works as per design given including cost of steel and GI binding wire in all floors etc., complete complying with standard specification in TNDSS NO:97 V,VI (S6) VII (S6),				1KG (One Kilo gram)	
8	5580.00	kg	Supplying, fabricating and fixing in position of mild steel door & Grill work with single/double shutters using M.S angle of size 40 x 40 x 6mm for outer frames and 35 x 35 x 5mm for shutter frames, fully covered with M.S sheet of 18 gauge with M.S flat of size 32 x 6 mm for internal stiffners and one number of aldrop , two numbers of tower bolts, holdfasts, hinges, handles etc., including providing one coat of red oxide primer. The rates shall inclusive of cost of all materials labour charges for fixing the door in position by dismantling the masonry, concrete etc. and redoing the same to the original condition duly packed with concrete etc., complete.				1KG (One Kilo gram)	
9	543.00	m2	Plastering in Cement Mortor 1:3 Mix (one cement, Three sand) 12 mm 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.				1M² (One Square Metre)	

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					FIGURES	WORDS		
10	858.00	m2	Plastering walls with cement mortar 1:5 (One cement five P-Sand) 12mm thick in all floors and all exposed surfaces including cost and conveyance of materials to site and all labour charges,Curing etc completeand as directed by department officials..				1M ² (One Square Metre)	
11	12.00	m3	Weathering course concrete with broken brick jelly of 20 mm gauge in pure slacked lime (no sand to be added) over roof slab the proportion of brick jelly to lime being 32:12.5 by volume and laid over In a single layer and consolidated require designed and finished thickness by beating the concrete with wooden beaters of approved pattern , keeping the surface constantly with springing lime jiggery water asper standard specification and as directed by the departmental officers Complete as per standard specification.				1M ³ (One Cubic Metre)	
12	167.00	m2	Finishing with top of roof with one course of machine pressed tiles of size 20cmx20cmx2cm of approved quality laid in cement mortar 1:3 (One part of cement and three part of sand) 12mm thick mixed with water proofing compound conforming to ISS by 2% weight of cement used and the joint pointed neatly to full depth of tiles with same water proofing compound mixed with cement motar ,red oxide, etc Complete as per standard specification.				1M ² (One Square Metre)	
13	2530.00	m2	Exterior Emulsion paint Two coats with good quality of approved Emulsion paint including cost of all materials to site and all labour charges for mixing applying and proper curring etc., Complete as per Standard Specifications for 10 sqm				1M ² (One Square Metre)	

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS or MORTH No.	Rate in Figures & Words		Units in Figures & Words	Amount
					FIGURES	WORDS		
14	462.00	m2	Laying with new C.C. Laminated tiles (Like Dora tiles Eurocon tiles etc),(anti skid) of 20mm thick of approved spl quality and set in Cement Mortar 1:3 (1 of cement and 3 of sand) 20mm. Thick using river sand and pointing with colour cement using at the rate of 0.40 kg/M2 and mixing with colour pigment at the rate of 0.3 Kg/M2 including finishing complete with Standard Specification and as directed by the Departmental Officers etc.,				1M ² (One Square Metre)	
15	165.00	m2	Painting new iron works with two coats of approved quality and color of synthetic enamel paint over the existing red oxide primer in all floor etc., complete as per standard specification.				1M ² (One Square Metre)	
16	313.00	m2	Daddoing walls with the tiles of suitable size of approved quality and colour set in cement mortar 1:2 (One cement two sand) 10mm and pointing with colour cement neatly etc., complete.in all floors				1M ² (One Square Metre)	
17	15.00	m2	Solid PVC door shutters using 19gauge 19mm MS square tubes for styles and outer frames. 15mm MS square tubes for top,lock and bottim 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 inculding necessary furniture 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 75mmx30mm the over all size of frames shall be 50mm x 45mm, with suitable rabate for housin the shutter. directed by the department officers.				1M ² (One Square Metre)	
18	467.00	m2	Paving the flooring with ceramic tiles of following types of approved colour and quality laid in cement mortar 1:3 Mix (One cement and three sand) 20mm thick in all floors and the top pointed with the same coloured cement etc., complete as per standard specification.				1M ² (One Square Metre)	

Sl. No	Probable Qty. in Figures		Description of Work	TNDSS or MORTH No.	Rate in Figures & Words		Units in Figures & Words	Amount
					FIGURES	WORDS		
19	3.00	Each	Supplying and fixing in position white glazed Indian water closet of size 580 X 440mm of Orissa type of approved quality with 'P' or 'S' trap with sand cushion and forming flooring alround the closet using 40mm broken brick jelly lime concrete 1:2:5 ; 100mm thick and finishing the top to required slope and including giving necessary connection to cast iron soil pipes by dismantling masonry / RCC works and making good the disturbed portion to original condition without leakage 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.)				Each	
20	1.00	Each	supply and delivery of 2 HP single phase Submersible pumpset of duty condition 30lpm x 75 m as per IS 8034 without panel board etc complete as per standard specification				Each	
21	1.00	Each	Supply of Three phase Pannel board suitable for 2HP with two level guard and auto start etc complete as per standard specification.				Each	
22	45.00	Rm	Supplying and delivery of 2.5Sq.mm of PVC insulated and sheathed 3 core flat type copper cable confirming to IS694/ 1990 etc complete as per standard specification.				RM	

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23	1.00	Each	Labour charges for the erection of 2HP submersible pumpset in the 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 walls erection clamps pressure gauges up to the exterior wall of pumping room and erection of panel board consisting of DPICN switches starter volt meter ammeter, Three Pilot (Indicating) lamps capacitor single phasing preventer water level guard and laying and jointing the cable s and twin earthing as per IE rules etc complete and testing to the pumpset and trial run for 10 Days.				Each	
24	20.00	set	Supply and delivery of 72W Street Light fitting with Dimmable driver and 5 Pin NEMA Socket including cost and 9 conveyance of all materials and all labour charges etc complete with Rate of life of lamps 50000 burning hours, warranty - 1year, Lumens/Watt-120, Colour Temperature above 5000K				set	
25	65.00	Each	Wiring with 2 x 1.5 sqmm (22/0.3) PVC insulated SC. unsheathed Cu.Conductor of 1100 V grade in suitable PVC rigid Pipe on wall and ceiling with PVC accessories and with TW switch box and 5A F.T. switch with painting of suitable Colour for open PVC light point / fan point (For electronic regulator. SD26				Each	
26	24.00	Each	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.				Each	

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					FIGURES	WORDS		
27	26.00	Each	Wiring with 2x1.5sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100 V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150 mm x 100 mm x 113mm TW switch box in flush with wall with 3 mm thick Hylem sheet cover for 5 A 3 pin non inter locking CS plug with painting of suitable colour 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. SD 35				Each	
28	39.00	Rm	Supply and run of 2 of 1.5 sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V Grade in rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14SWG TC wire and making good of the concealed portion with suitable colour SD 42				RM	
29	260.00	Rm	Supply and run of 2 of 1.5 sqmm (22/0.3) PVC insulated SC unsheathed Cu.Conductor of 1100V Grade in rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14SWG TC wire and making good of the concealed portion with suitable colour SD 56				RM	
30	13.00	Each	Supply and fixing of 32 Amps DP Switch of 500V with metal clad with fuse and neutral (Side Handle) on suitable TW Board with PWD Earthing SD 143				Each	
31	13.00	Each	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 125				Each	

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					FIGURES	WORDS		
32	13.00	Each	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 SD 234				Each	
33	18.00	Each	Supply and fixing of 1200mm (48") sweep AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod with fan clamp with side plates and cross arm of size 450mm (18") SD106				Each	
34	1.00	Each	Supply and fixing of CCTV camera Sitting with approved quality in all accessories etc. including all labour charges etc. complete as per standard specification				Each	
35	20.00	Each	Supply and fixing of SS Sitting Chair with approved quality in all accessories etc. including all labour charges etc. complete as per standard specification				set	

Junior Engineer
Town Panchayats
Kattumannarkoil (HQ)

Assistant Executive Engineer
Town Panchayats Works
Cuddalore District