

VALAVANUR TOWN PANCHAYAT

KNMT - 2022-2023

Name of work: Rejuvenation in Amman Kuttai at Ward No.11, Survey No.147 (Providing Desilting and Deepening, Foot Path, Chute Wall, Revertment, Fencing, SS Hand Rails, Sitting Bench, Street lights Fittings, Inlet & Outlet Arrangements and plantation) in ValavanurTown Panchayat, Villupuram District.

Estimate Amount : Rs.57.50 Lakhs

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
1	3445.00	M ³	Earth work in all soils except hard rock requiring Blasting and conveying for formation of Bund with lead 0-100m deploying earth moving machineries and tipper including Bunching formation at bund Breaking clods sectioning etc., complete. As per Standard Specifications.	SS20B TNDSS No.232 24, V, VI S2			1 m ³ (One Cubic Meter)	
2	288.00	M ³	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 TNDSS 23 & 24, V, VI (S2), VII, 9,10	TNDSS 23 & 24 V, VI, (S 2) VII, 9, 10			1 m ³ (One Cubic Meter)	
3	78.00	M ³	Earth work excavating and depositing on bank with initial lead of 10 m & initial lift of 2m in Hard stiff clay, stiff black cotton, hard red earth, shales, murram, gravel, stoney earth and earth mixed with small size boulders SS.20.A.	TNDSS SS 20A			1 m ³ (One Cubic Meter)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
4	104.00	M ³	Collection, supply and filling with well gravel including cost and conveyance of all materials and stacking them at road side to departmental gauge for pre-measurement including all labour charges for filling etc., complete as per standard specification.	Special			1 m ³ (One Cubic Meter)	
5	46.00	M ³	Providing and laying, spreading and compacting graded stone aggregates to Wet Mix Macadam 250mm thick specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed material by tipper to site laying in uniform layers with pavers in Sub Base/ Base course on well prepared surface and compacting with vibratory roller to achieve the desired density including cost of material, labour charges, rentals for machinery, fuel and all other incidental charges etc., complete as per clause 406 of MORTH	406 Morth			1 m ³ (One Cubic Meter)	
6	459.00	M ²	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/mm ² in uniform shape of approved make to be laid in flurring 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 paver Block rate PWD SOR Page No; 35	Special			1 m ² (One Square Meter)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
7	61.40	M ³	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	TNDSS No.28, V, VI (S2) V, VI (SSaA) VII			1 m ³ (One Cubic Meter)	
8	1174.60	M ²	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 sheetsof size 90mm x60mm 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(TNSS NO or NBC No 30(S) 86 86 A V, VI(S3)VII	TNDSS No.30(S)m 86, 86(A)m, VI, VI, (s3) VII			1 m ² (One Squire Meter)	
9	11.00	M ²	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 sheetsof size 90mm x60mm 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(TNSS NO or NBC No 30(S) 86 86 A V, VI(S3)VII	TNDSS No.30, (S), 36, 86 (A), V, VI, (S2), VII			1 m ² (One Squire Meter)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
10	214.70	M ³	Plain Cement Concrete 1:2:4(one cement,two M - sand, four 'aggregate)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	TNDSS No.28, V, VI (S2) V, VI (S5A) VII			1 m3 (One Cubic Meter)	
11	300.00	kg	Supply fabricating and placing in position of steel rods using TMT or Ribbed Tor Steel including cost of binding wire, cost of labour charges for fabrication and placing in position etc., Complete. Complying with std. specification.	TNDSS No.97, V, VI (S6), VII, VII-3			1Kg (One Kilogram)	
12	2.50	M ³	Reinforced Cement Concrete 1:1½:3 Mix (One part cement, one and half part M.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.	TNDSS No.30, V, VI (S3), VII-3			1 m ³ (One Cubic Meter)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
13	3.00	M ³	Plain Cement Concrete 1:1.5:3 (One Cement, One and half M.Sand and Three Metal) mix using 20 mm IRC Size H&P Metals, including all cost and conveyance and all Labour charges etc., complete as per standard Specifications.	TNDSS No.24			1 m ³ (One Cubic Meter)	
14	9.00	M ²	Providing granolithic floor finish of 25mm thickness with plain cement concrete 1:2:4 (One Cement, Two crushed sand (M-Sand) and Four aggregate) using 10 to 12mm gauge hard broken stone jelly including laying, finishing and the top rubbed smooth with power trowel, thread lining, curing etc. complete complying with standard specification and as directed by the departmental officers. (The rate is inclusive of necessary planking for panelling wherever necessary and as directed by the departmental officers)	TNDSS No.28 & 39 H			1 m ² (One Square Meter)	
15	676.00	M ²	Supply and Laying of manufacturing PCC Cement Blocks of Size 20x20x15cm and Dry packing them in apron or revetments and the cost shall include all materials and labour charges etc., Complete	Special			1 m ² (One Square Meter)	
16	378.00	M ²	Supply and fixing GI Pipe 32mm dia (B) Class including cutting and fixing in suitable concrete and providing weld mesh size 750 x 500 mm size 90 gauge and providing MS flat 35 x 6mm size at middle angle including all cost etc., - Complete as per Standard Specifications.	Special			1 m ² (One Square Meter)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
17	144.00	Rm	Manufacturing, Supplying and Fixing of Stainless Steel Hand rails for staircase near wet riser using 50mm dia 304L Grade Stainless Steel pipe of 1.60mm thick will be provided with tubular supports made of 304L Grade Stainless Steel pipe of 25mm dia of 1.60mm thick welded to the railing. The i Rm supports will be grouted into the wall and provided with 93.00mm thick Stainless Steel circular base plate of 304 Grade. The rate shall included for grouting into concrete with necessary supporting arrangements the hand rail in floor polishing buffing, bonding, cutting. grinding, conveyance, welding charges, electrical charges, etc. complete as per Standard Specifications.	Special			1 Rm (One Running Meter)	
18	10.00	No	Providing Bench with best approved quality fine polished Granite Stone Slabs of size 1200 x 600 of 18 / 20mm thick of Synthetic Grey, Paradise and similar varieties with machine cut edges laid over a cement mortar bed of 20mm thick using cement mortar 1:3 mix, including all cost and conveyance and all labour charges etc., complete as per standard specifications.	Special			1 NO (One Number)	
19	5.00	No	4 Metre Length Single Bracket Pole with Base Plate(250 x 250 x 6mm)76.10mm OD x 3.65mm Thick x 6000mm Length Length in control box with foundation hardware. etc complete as per standard specification. As per PWD SOR Page No :148	Special			1 NO (One Number)	

Sl. No	Probable quantity		Description of Items	MORTH SSRB	Figures	Words	Unit	Amount In Rupees
20	5.00	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 Sl.No : 17 a	Special			1 NO (One Number)	
21	150.00	Rm	Supply and laying of 2 x 16 sq.mm PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 mt. Layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good.Electrical Data 2021-22 SR	SD-20B			1 Rm (One Running Meter)	
(Approved for 1 to 21 items only)								