

City Municipal Council, Chikmagalur

ಕಾಮಗಾರಿಯ ಹೆಸರು: ವಾರ್ಡ್ ನಂ 23ರ ದಂಟರಮಕ್ಕಿ ಬಾರ್ ಮಾಲೀಕರಾದ ಪರಮೇಶ್ ರವರ ಮನೆ ಹತ್ತಿರ ರಸ್ತೆ ಮತ್ತು ಚರಂಡಿ ನಿರ್ಮಾಣ.

ಲೆಕ್ಕ ಶೀರ್ಷಿಕೆ: ನಗರಸಭಾ ಅನುದಾನ					Estimated Cost : 9.00 lakhs				
It No	Description of work	No	Dimensions			Qty	Unit	Rate	Amount
			L	B	D				
1	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. (P.No:8, I.No:1.12 of KPWD Common S.R Vol-I)								
	(P.No:8, I.No:1.12 of KPWD Common S.R Vol-I)								
	Basic rate=		95.00						
	Area weightage 3%=		2.85						
	Total Amount=		97.85						
		1	80.00	4.00	0.10	32.00			
					Total Qty =	32.00	cum	97.85	3131.20
2	Removal of Unserviceable Soil with Disposal upto a suitable distance as directed by the Engineer incharge of work PWD Common DSR 2023-24 Volume 3(P No: 15 I.No: 3.1)								
	(P.No:27, I.No:4.17, of KPWD Common S.R Vol-III)								
	Basic rate=		85.00						
	Area weightage 3%=		2.55						
	Total Amount=		87.55						
		1	80.00	4.00	0.10	32.00			
					Total Qty =	32.00			
					Total Qty =	32.00	cum	87.55	2801.60
3	Construction of Embankment by excavating the available approved,Gravel/Murum deposited at a place or borrow pits during or prior,excavation with all lifts and lead, transportation to site, spreading,,grading to required slope and compacting to meet the requirement,complete as per specifications, including cost of labour, rolling, water ,all, materials, usage& all other appurtenances required to complete the work. (P.No:7, I.No:1.8 of								
	(P.No:7, I.No:1.8 of KPWD Common S.R Vol-I)								
	Basic rate=		474.00						
	Area weightage 3%=		14.22						
	Total Amount=		488.22						
	For shoulders								
		2	80.00	0.30	0.15	7.20			
					Total Qty =	7.20	cum	488.22	3515.18
4	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (P.No:27, I.No:4.17, of KPWD Common S.R Vol-III)								
	(P.No:27, I.No:4.17, of KPWD Common S.R Vol-III)								
	Basic rate=		2559.00						
	Area weightage 3%=		76.77						

		Total Amount=		2635.77						
			1	80.00	4.00	0.10	32.00			
					Total Qty =		32.00			
					Total Qty =		32.00	cum	2635.77	84344.
5	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016; maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.(P.No:149, I.No:16.28, of KPWD Common S.R Vol-III)									
	(P.No:149, I.No:16.28, of KPWD Common S.R Vol-III)									
		Basic rate=		6639.00						
		Area weightage 3%=		199.17						
		Total Amount=		6838.17						
			1	80.00	4.00	0.150	48.00			
				80.00	Total Qty =		48.00	cum	6838.17	328232.10
	Drain									
1	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work In all kinds of soils Depth upto 3 m (P.No:8, I.No:1.14.1 of KPWD Common S.R Vol-I)									
	(P.No:8, I.No:1.14.1 of KPWD Common S.R Vol-I)									
		Basic rate=		102.00						
		Area weightage 3%=		3.06						
		Total Amount=		105.06						
			1	100.00	0.95	0.80	76.00			
					Total Qty =		76.00	cum	105.06	7984.5
2	Removal of Unserviceable Soil with Disposal upto a suitable distance as directed by the Engineer incharge of work PWD Common DSR 2023-24 Volume 3(P No: 15 I.No: 3.1)									
		Basic rate=		85.00						
		Area weightage 3%=		2.55						
		Total Amount=		87.55						
	drain		1	100.00	0.95	0.80	76.00			
					Total Qty =		76.00	cum	87.55	6653.80

3	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates(P.No:15, I.No:2.1.2 of KPWD Common S.R Vol-I)							
	(P.No:15, I.No:2.1.2 of KPWD Common S.R Vol-I)							
	Basic rate=		5607.00					
	Area weightage 3%=		168.21					
	Total Amount=		5775.21					
	drain	1	100.00	0.80	0.10	8.00		
				Total Qty =		8.00	cum	5775.21
								46201.68
4	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (P.No:16, I.No:2.4.2 of KPWD S.R Vol-I)							
	(P.No:16, I.No:2.4.2 of KPWD S.R Vol-I)							
	Basic rate=		6221.00					
	Centering & Shuttering Charges 35%		2177.35					
	Area weightage 3%=		251.95					
	Total Amount=		8650.30					
	Bottom	1	100.00	0.75	0.10	7.50		
	wall	2	100.00	0.15	0.45	13.50		
				Total Qty =		21.00	cum	8650.30
								181656.31
5	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancillary operations complete as per drawing and technical specification. (P.No:18, I.No:2.11a , of KPWD Common S.R Vol-I)							
	(P.No:18, I.No:2.11a , of KPWD Common S.R Vol-I)							
	Issue rate=		90464.00					
	Area weightage 3%=		2713.92					
	Total Amount=		93177.92					
			21.00	35.00	Kg/cum	735.00		
				Total Qty =		735.00	kg	
				Total Qty =		0.74	T	93177.92
								68485.77
6	Providing 50 mm Dia HDPE Sleeve pipe with allied accessories at ferrule point of HSC to assist in regulating flow with allen key with appurtenances., complete.(P.No 109, I.No.9.22 C S.R2023-24,VOL5)							
	Basic rate		293.00	Each				
	Area weightage 3%		8.79					
	Total Amount=		301.79					
		10				10.00		
				Total Qty =		10.00	no.s	301.79
								3017.90

8	Providing and fixing Unplasticised Polyvinyl Chloride (uPVC) pipes, for cold water supply including all uPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step uPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 15 mm nominal dia Pipes (CSR2024-25, Item No:-13.50.1, Page No:-125, Vol-2)							
	(CSR2024-25, Item No:-13.50.1, Page No:-125, Vol-2)							
	Basic rate	140.00						
	Area weightage 3%	4.20						
	Total Amount=	144.20						
		10	2.00			20.00		
				Total Qty =	20.00	r.mtr	144.20	2884.00
9	Providing PVC ringite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints, testing and commissioning, including loading unloading at both destinations and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approved type, with all labour with all lead & lift including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation etc. complete and giving necessary hydraulic test to the required pressure as per ISS (Contractor will make his own arrangements for procuring water for testing) etc. complete For PVC pipes 110mm dia., 6 kg/sqcm & class 3 (P.No 113 L.No.10.1.7 C S.R.2023-24,VOL-5)							
	(P.No 113 L.No.10.1.7 C S.R.2023-24,VOL-5)							
	Basic rate	411.00	mtr					
	Area weightage 3%	12.33						
	Total Amount=	423.33						
	for UGD Pipeline	10	2.50	-	-	25.00		
				Total Qty =	25.00	Mtr	423.33	10583.25
10	Providing & fixing electro fusion saddle comply with BS EN12201 -3:2011, PN-12.5 rating and food grade raw material as per BS 6920 with material of construction PE 80 or PE 100 and colour of fitting - Blue/Black for water applications, EF tapping saddle is V-Regarding type. Designed to fuse at a fusion voltage of 40 volt AC. EF tapping saddle shall have moulded SS/Brass metal female threaded outlet. EF tapping saddle is fused by using a top loading pillar type pressure exerting 1500N (150 kg apprx.) top load on EF saddle. Fusion time is 170 secs and cooling time is 10mins, Exerted pressure should be removed after completing the 10mins cooling time. 63x20,75x20,90x20,110x20,140x20 etc. complete electrofusion saddle (CSR2024-25, Item No:-9.24, Page No:-110, Vol-5)							
	(CSR2024-25, Item No:-9.24, Page No:-110, Vol-5)							
	Basic rate	350.00						
	Area weightage 3%	10.50						
	Total Amount=	360.50						
		10				10.00		
				Total Qty =	10.00	nos	360.50	3605.00

11	Filling approved earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. (P.No:7, I.No:1.11 of KPWD Common S.R Vol-I)							
	(P.No:7, I.No:1.11 of KPWD Common S.R Vol-I)							
	Basic rate=		433.00					
	Area weightage 3%=		12.99					
	Total Amount=		445.99					
		2	100.00	0.10	0.55	11.00		
				Total Qty =		11.00	cum	445.99
								4905.89
						Total Amount =		758002.95
12	GST-18%							136440.53
13	Miscellaneous & Rounding off							5556.52
						Grand Total		900000.00