

KHEDA NAGARPALIKA**SJMMSVY UDP-88 (2025-26)**

Sr. No.	Name of Work	Estimated Amount
1	Providng and Laying Paveblock and Water Pipeline and Supplying and Installing LED Street Light in Jimkhana Devipujak Area Ward No. 03	2235250.00
2	Construction Work of C.C Road and Paveblock From Highway to Darulfalah Masjid Ward No.07	1973150.00
3	Providing and Laying Paverblock Both Side of Road from Shedi River Bridge to Maharana Pratap Circle ward no. 3	1453850.00
Total		5662250.00

SB-1(Providng and Laying Paveblock and Water Pipeline and Supplying and Installing LED Street Light in Jimkhana Devipujak Area Ward No. 03)

Sr. No.	Discription of Work	Estimated Amount
1	Providng and Laying Paverblock and Water Pipeline in Jimkhana Devipujak Area Ward No. 03	1177634.63
2	Supplying & Installing LED Street Light in Jimkhana Devipujak Area Ward No. 03	661471.22
Total		1839105.85
Add 18% GST		331039.05
Amount Rs.		2170144.90
Add 2% Contigency Charges		43402.90
Add 1% Q.C.		21701.45
Total Estimated Amount Rs.		2235249.25
SAY TOTAL AMOUNT		2235250.00

SB-1a (Providng and Laying Paverblock and Water Pipeline in Jimkhana Devipujak Area Ward No. 03)

Sr No	Qty	DESCRIPTION OF ITEM	RATE	PER	AMOUNT
1	120.00	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50Mt.lead.	207.40	Cmt	24888.42
2	240.00	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	117.08	Cu.m	28099.01
3	80.00	Providing and casting in situ mass cement concrete in grade M-10 (approx. corresp. to prop. 1:3:6) using granite quartzite trap metal of size 12 mm to 25 mm incl. consolidation curing etc. complete.	4211.30	Cu.m	336904.00
4	238.50	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each dispoisited layer by ramming and watering.	130.39	Cu.m	31098.25
5		Providing and supplying in standard length !S! mark rigid unplasticised PVC pipes suitable for potable water with ring fit joint including cost of rings, as per IS specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departimenta! stores and including cost of jointing meterial etc. complete.			
	400.00	Test Pressure 10 Kg/cm². 2) 75mm	236.90	Rmt	94760.00
6		Lowering, laying, fixing and jointing PVC/uPVC/cPVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, cement solvent, giving satisfactory hydraulic testing as per ISI code(75mm)			

	400.00	Test Pressure 10 Kg/cm ² . 2) 75mm	17.25	Rmt	6900.00
7		PVC fittings: 9 Providing and supplying at store or site of work incl. freight, loading, unloading, stacking, insurance & all taxes etc. complete.			
	1.00	PVC Tee (Moulded) 07. 110mm X 75mm	388.70	No	388.70
		Add 15% U.C	199.00		
		Total Rate	29.85		
	3.00	PVC Tee (Moulded) 03. 75mm X 75mm	228.85	No	686.55
		Add 15% U.C	129.00		
		Total Rate	19.35		
	7.00	PVC Elbow (Moulded) 02. 75mm	148.35	No	1038.45
		Add 15% U.C	90.00		
		Total Rate	13.50		
	5.00	PVC Couplers 10kg/cm ² (Moulded) 02. 75mm	103.50	No	517.50
8	826.40	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	686.90	Smt	567662.22
9	220.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length, 30cm height and 15cm thick of M200 grade concrete as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	384.96	Rmt	84691.53
Amount					1177634.63

SB-1b (Supplying & Installing LED Street Light in Jimkhana Devipujak Area Ward No. 03)

Sr. No	Qty	Item	Rate	Per	Amount
1	20	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 160 to 270 V, Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K, Uniformity ratio >0.45, Luminaire efficacy > 100 lumens/watt . LED driver efficiency > 85 %.(fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (ii) 15 to 24 Watts Cat-III	1823.05	Nos.	36461.00
2	20	Supplying and erecting approved make Conical Pole (Medium Duty) Made from HR sheet steel. The pole should be made as per IS. and shall be coated with hot dip galvanizing as per IS 2629/2633/4759, with required base plate and integral Junction box consist of terminal plate of min 6mm Hylam sheet, standard profile 35mmX7.5mm Din-Rail for MCB Mounting, stud type terminal and arrangement for cable terminations as erected on suitable foundation (included) with necessary GI nut-bolts/J-Bolts. as per details given by manufacturer considering site requirement. The length of poles are as below.(D) 6 Mtr. Long 70 mm Top X 160 mm bottom dia, 3 mm thickness	10169.69	Nos.	203393.80

3	20	Providing 1:2:4 cement concrete foundation & 70 % PCC from bottom including excavation for the pole of size 45 x 45 x 100 cm. Deep in below ground level with plinth of 45 cm x 45 cm (or 45 cm dia x 45 cm) high upper ground level with necessary curing and finishing in approved manner. (for 4 & 6 mtr pole)	809.01	Nos.	16180.20
4	600	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables. (B) 4 core 6 Sq. mm	126.25	Mtr.	75750.00
5	2	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistane mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphar content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (c) For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA) i.e independent Earthing in normal soil. Length of Pipe : 3.00 mtrs Back filling Compound :2 nos Bags of 25 Kg.	8636.51	Nos.	17273.02
6	20	Providing and erecting Street Light pole bracket comprising main B Class GI pipe of 4.2 cm/require outside dia. complete with suitable B Class G.I. sleeve tubing of approx. 45cms.length and suitable for 76.5 mm /80mm / required size of pole top having sufficient fasteners for fixing the brackets and having spread of 1.5.mtr. length with 110 deg.with vertical plane & suitable welded stays, reducer and with check nuts complete painted with one coat of Red oxide / PU base primer and two coats of Aluminium / PU paint. paint with following nos of arms. [A] Single Arm Bracket 1.5 Mtr	683.77	Nos.	13675.40
7	20	Supplying & erecting approved make SMC press moulded composite FRP. loop-in, loop-out approx. 2mm thick box complete with Bakelite connector strip 5way(3P+N+E),DIN rail for mounting mob & hinged doors as per requirement having locking arrangements with mounting clamp with nuts, bolts & washers suitable for erection on pole with cable clamps& earth bolt of following size of box.(B) 250mm x 200mm x 100mm [deep]	414.10	Nos.	8282.00
8	20	Providing & erecting 240 V MCB double pole switch for lighting Load (B Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity (A) 6 to 32 Amp. Cat.III	278.76	Nos.	5575.20
9	600	Making trench in Hard Murrum / Tar Road of suitable width of 90 cm or required depth for laying any size of cable or locating the fault all over the run and back filling the same and making the surface as normal ground.	357.54	Mtr.	214524.00

10	20	Providing and erecting Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire.	368.65	Nos.	7373.00
11	20	For using salt and charcoal / coke as required for pipe type earthing.	171.70	Nos.	3434.00
12	160	Supplying & erecting XLPE(IS:7098)(I)-88 ISI unarmoured copper cable 1.1 KV grade to be erected as directed of following size. (E) 3 core 2.5 Sq. mm	137.36	Mtr.	21977.60
13	600	Providing & laying approved make Double walled corrugated pipes (DWC) of polyethylene(conforming to IS 14930 II)with necessary connecting accessories of same material at required depth in existing trench for laying of cable. below ground / road surface for enclosing cable (A)50 mm outer dia	62.62	Mtr.	37572.00
Total Rs.					661471.22

SB-2 (Construction Work of C.C Road and Paveblock From Highway to Darulfalah Masjid Ward No.07)

Sr No	Qty	DESCRIPTION OF ITEM	RATE	PER	AMOUNT
1	562.00	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation) (E) From Borrow area within 3.0 Km. lead	183.70	Cu.m	103238.73
2	159.00	Providing and Laying 150 mm thick compacted WBM using 40 to 63 mm size crust stone with stone chipping as fillar materials including necessary consolidation with vibrating roller etc. complete.	1967.48	Cu.m	312829.32
3	132.50	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	3005.76	Cu.m	398263.20
4	581.50	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	686.90	Sq.M	399432.93
5	72.00	Providing and laying Nominal cement concrete M.200 (1:1.5:3) and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work including preparing sub base by Providing & Laying M.S. Side rail of road thickness with necessary nut bolt plates, fixing as per width applying plates vibrator, electric or diesel on channel comp. with V.D. Systems (Trimix) by using the necessary equipments 7 material & Machinery, such as running screed vibrator on prelaid M.S. channel for leveling vaccum pumps, floating & power trowling etc. compl & Supplying and spreading metallic hardner 3kg per Sq.mt in Tp surface of Road.	4964.95	Cu.M	357476.25
6	477.00	Making groove of 5mm wide and 50 mm Deep, Cleaning groove before filling bitumen and filling bitumen with required sand on surface and cleaning site as directed by Engineer In Charge.	70.70	Rmt	33723.90
7		RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc.			
a	7.00	Frame suitable for 50cm opening of MH	1289.15	No	9024.05
b	7.00	Cover suitable for 50cm opening of MH	1348.95	No	9442.65
		Amount			1623431.03
		Add 18.0 % GST			292217.59
		Total Amount			1915648.62
		Add 2.00 % Contingency			38312.97
		Add 1.00 % Q.C			19156.49
		Total Amount			1973118.08
		Say Amount			1973150.00

SB-3 (Providing and Laying Paverblock Both Side of Road from Shedi River Bridge to Maharana Pratap					
Sr No	Qty	DESCRIPTION OF ITEM	RATE	PER	AMOUNT
1	250.00	Box cutting the road surface to proper slop and chamber for making a base for work including removing the excavated stuff and depositing on the road side slop as directed upto 50 mts. Lead	104.20	Cu.m	26050.43
2	250.00	Carting For excavated Earth up 3.00 km lead	76.64	Cu.m	19159.70
3	150.00	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	3005.76	Cu.m	450864.00
4	1000.00	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	686.90	Sq.M	686901.00
5		RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc.			
a	5.00	Frame suitable for 50cm opening of MH	1289.15	No	6445.75
b	5.00	Cover suitable for 50cm opening of MH	1348.95	No	6744.75
		Amount			1196165.63
		Add 18.0 % GST			215309.81
		Total Amount			1411475.44
		Add 2.00 % Contingency			28229.51
		Add 1.00 % Q.C			14114.75
		Total Amount			1453819.71
		Say Amount			1453850.00