

## Abstract Details

Work Name	Work Code	Sub Division	Estimate Amount	Lumpsum Amount	Total Amount
Providing and fixing of Low height park lights and 9 mtr Mini High Mast Light in Ward 21 under limit of Municipal Corporation Gurugram	GUR01220210219112025	Gurgaon	2686462.62	26864.62	2713327.24

Item Code	Item Type	Item Description	Unit	Calculated on Rate	Quantity	Calculated Rate	Total Amount
31.q.1.16	HSRITEM	31.22 (xvi)-Earthing : -Pdg. and fixing 4.00 mm dia G.I. wire on surface or in recess for loop earthing as required.	Metre	Through Rate	1460.00	21.50	31,390.00
31.S.1.5	HSRITEM	31.25 (v)-Supply and erection of under ground cable 1 metre below ground level covered with sand and bricks including necessary connections, digging and refilling of trenches: -16 sq mm 2 Core cable Armoured	Metre	Through Rate	1400.00	146.70	205,380.00
31.q.1.11	HSRITEM	31.22 (xi)-Earthing : -Supplying and laying 25 mm x 5 mm copper strip in 40 mm dia G.I pipe from earth electrode as required.	Metre	Through Rate	120.00	325.50	39,060.00
31.S.4.2	HSRITEM	31.28 (ii)-Supply and erection of suitable compression type brass Cable glands for underground Cable:-10 Sq mm to 16 Sq mm cable 2 to 4 Core	Each	Through Rate	264.00	27.60	7,286.40
ADITEM	ADITEM	-Operation and Maintenance of 2nd year @5% of Capital cost ----EEE	Each	NSADRate	121011.92	1.00	121,011.92

ADITEM	ADITEM	-Supply and erection of 40Watt LED Decorative Post Top Fixture(IP65) made with corrosion resistant Die Cast Aluminium, height of Light Fixture is 425mm with hat of Dia 550mm with die cast base of dia 60mm, rubber gaskets are provided at appropriate location for water resistant(IP65). 4 no of pipe support to diffuser and canopy Diffuser is made of unbreakable PC material. Led to be mounted on vertical square aluminium exclusion top to bottom height on diffuser. Light fixture is painted with multiple coats of weather resistant Polyurethane paint min. 85 microns including the cost of labour and material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work. Make Glowmac GL-PT ASTOR or equivalent, Crompton, Philips.	Each	NSADRate	25.00	9,400.00	235,000.00
ADITEM	ADITEM	-Supply and erection of Decorative Mini High Mast Fixture Brix 350 watt IP-65, Total height of the GI pole is 9 meter lower part of the pole is having 140 mm dia with 4.3 mm thickness height 3meter. Base plate having 400*400*20mm thick elliptical shape service window having loop in loop our 4way connector 40 amp suitable for 10Sqmm wire with 6amp single pole MCB, middle part of the pole having 114mm dia with 4mm thickness height 3 meter. top part of the pole having 90mm dia with 3.7mm thickness height 3 meter. At the bottom of pole there is a cast iron base having dia 260mm and height of base is 220mm. decorative cast iron/aluminum casting are used at the joint of pole. Pole & decorative casting parts are PU panted in three layers coating in which 1st layer with ETCH primer, 2nd layer with EPOXY primer and 3rd final layer with PU paint, light fixture is made of cast aluminum housing having width of 700mm and height of the fixture is 270mm. light fixture is suitable for 350w(As per drawing). LED is mounted on MCPCB with single piece lens on 12 led. T2 lens is used for wide distribution of light fixture is IP65. including Hydra, labour & material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work. Make- Glowmac make model No.GL-A-BRIX-ESTILO, Philips, Crompton, Wipro	Each	NSADRate	7.00	97,500.00	682,500.00

ADITEM	ADITEM	- Providing trench less cutting by Hydraulic Drilling Device boring/ Manual OR through some suitable alternate method with insertion of HDPE Pipe including supply, Delivery of HDPE pipe at work site and laying of 50mm internal diameter HDPE pipe inside road for road crossing of cable by Hydraulic Drilling Device without opening of the road top surface, laid at a depth of at least 900mm below the road surface from the feeding point to the feeder pillar box in median (OR) from feeder pillar to respective street light pole including cost of all accessories for road crossing for laying of cables.	Meter	NSADRate	900.00	460.00	414,000.00
ADITEM	ADITEM	-Cost of RCC 1:1.5:3 for foundation of size 700x700x1500mm include base 1200x1200x300 with with minimum 8 nos. 12 mm dia longitudinal MS reinforcement rods with rings of 4nos 8 mm dia manufacturing from special steel along with nuts, washers, anchor plate & template all labour & material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work.	Each	NSADRate	7.00	9,850.00	68,950.00
ADITEM	ADITEM	-Operation and Maintenance of 3rd year @6% Capitate cost ----EEEE	Each	NSADRate	145214.30	1.00	145,214.30
ADITEM	ADITEM	-Providing and fixing of Chemical Electrode Pipe using salt and charcoal / coke for pipe earth electrode 4.5 mtr long and 40 mm dia including the cost of labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-In- Charge of the work. ----EEE	Each	NSADRate	25.00	5,500.00	137,500.00
ADITEM	ADITEM	-Supply and Erection of Timer Contractor, DP, MCB mounted on Bakelite sheet and Installed in water proof CRCA Sheet 18 SWG duly painted with powder coated paint Box of Size 12"x15"x5" duly lockable including Input and Out Put Connectors Bakelite/Porcelain make- Siemens, Sintex of 63A Rating and necessary service cable up to 10 mtr, complete with internal copper wiring and installing the same on pole/pedestal with suitable means at height desired by Engineer in charge to avoid theft upto entire satisfaction of engineer incharge with following specification. Timer :-Quartz Analog/Digital 24 Hour Operation (L&T/Siemens/Schnider) Contractor :- 3Pole 40A, 415Volt. (L&T/Siemens/Schnider) DPMCB :- 40A 2pole. (L&T/Siemens/Schnider) ---EEE	Each	NSADRate	8.00	8,300.00	66,400.00

ADITEM	ADITEM	-Casting and Laying of making of foundation 1:1.5:3 for foundation of size 0.4 m x 0.4 m x 1 m minimum 4 nos. 12 mm dia longitudinal MS reinforcement rods with rings of 4 nos 8 mm dia for fixing the pole with all labour & material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work----- EEE	Each	NSADRate	25.00	2,400.00	60,000.00
ADITEM	ADITEM	-Casting, Laying and covering of Gap Base plate (Pole) between foundation suitable c.c. mixture and pole marking with yellow reflector stricker with all labour & material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work ---- EEE	Each	NSADRate	32.00	170.00	5,440.00
ADITEM	ADITEM	-Operation and Maintenance of 1 year free of cost ----- EEE	Each	NSADRate	1.00	0.00	0.00
ADITEM	ADITEM	-S/E of mark double walled corrugated (DWC) HDPE pipe 63/50 mm outer dia/ inner dia.laid 400 mm Below ground level including digging and refilling of earth including cost of suitable size socket/cuppler for HDPE pipe including the cost of labour and material required to complete the job in all respect upto the entire satisfaction of Engineer-In-Charge of the work.Make - Superme, Prince ---EEE	Meter	NSADRate	1320.00	94.00	124,080.00
ADITEM	ADITEM	-Supply & erection of PVC Copper 2.5 Sq.mm x 3core insulated and sheathed circular flexible wire (make:Havells, RR, Polycab).....EEE	Meter	NSADRate	700.00	95.00	66,500.00

ADITEM	ADITEM	-Supply and Erection of Decorative Pole of GI Pipe Section of 3Mtr long with lower section 1Mtr Long -114mm Outer Dia, Upper section 2Mtr long -60mm outer dia. The pole shall be provided with 340mm dia and 45mm height of base arrangement at bottom. The pole shall have service window of size 130mm (W) x 300mm (H) comprising 4 way connectors of 60Amp and 1 MCB of 6Amp including internal wiring in pole with 1.5 mm 2 core PVC insulated copper wire. Diecasted Aluminum casting is provided at the joint of Pole. Pole is painted with multiple coats of weather resistant Polyurethane paint having minimum coating thickness 85microns with approved color with all labour & material required including suitable foundation bolts with all labour & material required to complete the job in all respect upto the entire satisfaction of Engineer - In - Charge of the work. GL-PL-Flox -MS - 03M -60 . Make Glowmac or equivalent, Crompton, Philips ---EEE	Each	NSADRate	25.00	11,070.00	276,750.00
<b>Total :</b>					<b>272545.22</b>	<b>145,362.30</b>	<b>2,686,462.62</b>