



Department of Local Government (LG)

NoteSheet

Work Name Estimate for Supply, Erection, Installation, Testing & Commissioning of 35W & 72W LED Street Lights, 200W LED Flood Lights, 10 Mtr GI Octagonal Poles, 12.5 Mtr High Mast Lighting System, Street Light Controllers, : Underground XLPE Cables, DWC HDPE Pipes, Earthing System and allied electrical infrastructure works at various locations including Main Roads, Bhagwan Valmiki Chowk Road of Ward No: 70, different wards under Zone No. 3, 5 & 9, Central Constituency

Estimate Cost : 14353048

Subject: Technical & Administrative Approval of Clubbed Estimate

It is submitted that the clubbed estimate for the work of installation of LED Street Lighting and High Mast System has been prepared as per Worthy Commissioner Corporation Orders No. 3999 dated 28.04.2026 regarding review and clubbing of street light estimates constituency-wise/item-wise for rationalization and comprehensive tendering process.

The estimate pertains to the work:

“Estimate for Supply, Erection, Installation, Testing & Commissioning of 35W & 72W LED Street Lights, 200W LED Flood Lights, 10 Mtr GI Octagonal Poles, 12.5 Mtr High Mast Lighting System, Street Light Controllers, Underground XLPE Cables, DWC HDPE Pipes, Earthing System and allied electrical infrastructure works at various locations including Main Roads, Bhagwan Valmiki Chowk Road of Ward No. 70, different wards under Zone No. 3, 5 & 9, Central Constituency.”

The total estimated amount of the clubbed estimate comes to ₹1,43,53,048/- including applicable GST.

It is further submitted that the following original estimates have already been duly approved by the MC House:

- Resolution No. 85(1) dated 30.03.2026
- Resolution No. 80(15) dated 30.03.2026
- Resolution No. 85(2) dated 30.03.2026
- Resolution No. 138(1) dated 30.03.2026

Now, in compliance with the orders of Worthy Commissioner Corporation and for the purpose of technical rationalization, administrative convenience, unified tendering and execution of works, the above estimates have been clubbed into a single comprehensive estimate.

Submitted for according **Technical Approval** and **Administrative Approval**, please.

17/05/2026
Para No. : 1

Vinod
Junior Engineer
Municipal Corporation Jalandhar (O&M)

MUNICIPAL CORPORATION JALANDHAR

Estimate

Name of Work: Estimate for Supply, Erection, Installation, Testing & Commissioning of 35W & 72W LED Street Lights, 200W LED Flood Lights, 10 Mtr GI Octagonal Poles, 12.5 Mtr High Mast Lighting System, Street Light Controllers, Underground XLPE Cables, DWC HDPE Pipes, Earthing System and allied electrical infrastructure works at various locations including Main Roads, Bhagwan Valmiki Chowk Road of Ward No. 70, different wards under Zone No. 3, 5 & 9, Central Constituency.

Sr No.	CSR no.	Detail of work	Unit	No.(Measurement)	Rate	Amount
1	NS	S/E of 35 Watt LED Lights, Compete in all respects as per the specification of PMIDC (IP 66) make Hallonix, crompton, Bajaj, HPL, KCSAD, Philips, Surya, polycab (With Warranty of 5 Years)	No	150	₹ 2,571.25	₹ 3,85,688
2	NS	S/E of 72 Watt LED Lights, Compete in all respects as per the specification of PMIDC (IP 66) make Hallonix, crompton, Bajaj, HPL, KCSAD, Philips, Surya, polycab (With Warranty of 5 Years)	No	350	₹ 5,546.25	₹ 19,41,188
3	34.09-ii	Supply and erection of PVC insulated FR single core Unsheathed copper conductor cable (ISI marked) suitable upto 1100 volts grade conform to IS:694/1990 left bare in pipe or casing of suitable size complete in all respect as desired by the Engineer-in-charge:-S/EOF connection wire 1.5 sqmm	Mtr	7000	₹ 24.65	₹ 1,72,550
4	34.29-B-ii-a	S/E single arm bracket 1 M long GI Pipe 40mm	No	50	₹ 756.6	₹ 37,830
5	34.10 C	Supply, laying and erection of aluminium conductor XLPE insulated PVC sheathed Un-armoured and served cable 1100 volts grade as per IS 7098 (Part-1)1988 to be laid (On Surface) as per PWD General Specifications:-P/1 10 sqmm-1 Core- Aluminium Wire with 30% Premium	Mtr	15000	₹ 516.21	₹ 77,43,150
6	34.26 B-i-a	S/E of Microprocessor Based Street Light Controller with digital time switch daily programmed with stand by lithium battery with back up of 6 years with min. time between 2 switching operations is 1 minute, three pole power contactors 40A with coil voltage 220-230V AC with 1 no. aux. contact NO, MCB 2 pole 40amp. (CCurve, 10kA) & power wiring with single core PVC insulated FR cable 80 sq. mm and control wiring with PVC insulated FR cable 1 sq. mm, 1 no. two position selector switch to bypass timer and other accessories & petty material (Din rail, 4 pole bakelite terminal strip 63A/440V AC, required nut bolts) should be fixed on bakelite sheet 6mm thick to be mounted in a IP54 surface/ flush mounting powder coated sheet metal (1.60mm thick) cabinet having size 450mm x 600mm x 150mm to switch 'ON' all the 3 phases & switch 'OFF' 3 phases pre-fixed timings complete in all respect as per satisfaction of Engineer-in-charge:- Street Light Controller (For Three Single Phase Circuits) with 3 Nos. Three Pole Power Contactors 40A, 1 no. aux. contactor 6 amp. (2NO+2NC) with coil voltage 220V AC, 3 Nos. MCB 2 Pole 40amp. (CCurve, 10kA) & petty material (Din rail, 2 Nos. 4 pole bakelite terminal strip 63A/440V AC, required nut bolts)	No	2	₹ 15,361.08	₹ 30,722
7	34.37-A-i	Supply and erection of Double Walled Corrugated (DWC) HDPE pipe to be laid 1mtr. below ground level including excavation placing the pipe in position and back filling with excavated soil etc. of the required size:- Double Walled Corrugated HDPE Pipe 50/38mm (Outer/ Inner dia.)	Mtr	1500	₹ 133.79	₹ 2,00,685
8	34.30- vi	Supply and erection of Galvanized Steel Octagonal Pole (Sheet thickness 3mm) designed to withstand wind speed 169km/ hour of suitable length (Raw material conforming to IS-5986 (FE-510), BSEN-10025S-355J or ASTM-572A (GR-50)) and thickness of galvanization (70mm thick) conforming to IS:2629/ IS 2633/ IS 4759, BSEN-ISO-1461- 1991 OR ASTM-A123/A123M-02 The pole shall be in single piece hot dip galvanized and shall be tapered towards the top. The bottom section shall have openable slot with exterior surface door & shall have suitable locking arrangement for incoming/ outgoing cables. There shall be suitable arrangement for earthing. Rigid Base plate of suitable size and thickness shall be welded inside and outside at the bottom of pole with provision for fixing 4 foundation bolts. The octagonal pole shall be bolted on a pre- cast foundation with a set of four foundation bolts for greater rigidity. The foundation shall be erected over cement concrete M20 with steel of given size as per design of original pole manufacturer to fixed up to a required planting depth below ground level as required. - Galvanized Octagonal Pole Overall Length 10 metre (Sheet thickness 3mm). Top dia (A/F) 70mm and bottom dia. (A/F) 175mm, Foundation size below G/L 600mm x 600mm x 1800mm, 4Nos. Foundation Bolts size 24mm dia., Length≥750mm with Base Plate Dimensions 275mm x 275mm x 16mm Thick	No	50	₹ 33,616.97	₹ 16,80,849
9	34.13- xv-a	Earthing earth rod 20 mm dia for providing earth connections upto line earth with G.I. Wire 8 S.W.G. (4mm dia.). The rod shall be tapered at one end and flattened on other end. The hole size 10mm dia shall be drilled on the flattened side for facilitating connection with G.I. wire and thimble etc. The rod shall be erected in ground upto complete length vertically:- GI Earth rod 20 mm dia., 3 mtr. Long	No.	50	₹ 1,274.74	₹ 63,737
10	34.16	S/I of MCB Single Pole= 6-32 Amp (10kA, Curve-C)	No.	50	₹ 190.58	₹ 9,529
11	NS	SITC of 12.5 Mtr High Mast pole in 2 sections with top & bottom dia of 150 mm / 360 mm or suitable dia sheet thickness 3 mm. The mast shall be hot dip galvanized with no circumferential welds and shall be suitable for wind velocity as per IS 875. The mast shall be suitable for mounting 6 Nos 200 Watt LED Flood Light fixtures. The cost of high mast includes all accessories like double drum winch gear box, integral type power tool (motor) fixture mounting arms / lantern carriage, steel wire ropes, single dome aviation obstruction lights etc.	Nos	3	₹ 2,42,000.00	₹ 7,26,000
12	NS	SITC of Copper bound GI earth electrode 3 mtr long and placing of the same below ground level in a hole of 3 mtr depth below ground level including the cost necessary ground resistance improvement powder (backfill compound) watering etc and making necessary terminations from the earthing electrode to the installations with 40 x 3 mm thick GI Strip.	Nos	9	₹ 8,500.00	₹ 76,500

13	NS	Design & Casting of suitable shallow raft type RCC foundation as per the foundation design provided by the high Mast manufacturer considering the SBC of 10 T / per sqm. The steel should be FE 415 grade or better and RMC to be used in the foundation shall be of M-25 grade.	Nos.	3	₹ 44,000.00	₹ 1,32,000
14	NS	Supply Laying Testing & Commissioning of Aluminium conductor XLPE insulated PVC sheathed un- armoured and served cable 1100 volts as per IS 7098 Part - I 1988 to be laid loose in existing trench or pipe. 3.5 core 25 sq mm un - armoured aluminium cable	Mtrs	90	₹ 150.00	₹ 13,500
15	34.37-A-i	SITC of Double Walled Corrugated (DWC) HDPE pipe to be laid 1 mtr below ground level including excavation and back filling of the trench. 50 / 38 mm dia HDPE Pipe.	Mtrs	90	₹ 127.00	₹ 11,430
16	NS	SITC of suitable timer control DB for switching on & off the lighting system.	Nos	3	₹ 21,500.00	₹ 64,500
17	NS	SITC of 200 Watt LED flood Lights	Nos	24	₹ 20,500.00	₹ 4,92,000
					Estimated Amount	₹ 1,37,81,857
					Add GST 5.35 % on CSR Items	₹ 5,71,192
					Total Estimated Amount	₹ 1,43,53,048



MUNICIPAL CORPORATION JALANDHAR

2nd Floor, Dr. B.R. Ambedkar Complex, Nehru Garden Road, Jalandhar
Office of Superintending Engineer (O&M)
Email: seom.mcj@gmail.com



Memo no. 3999.....

Date 28-04-26.....

Subject: Approval for Constitution of Committee for Review and Clubbing of Street Light Estimates

It is submitted that multiple files (total 26 nos.) pertaining to tendering of street light works have been received in this office. The details of the works, as received, are as under:

1. Estimate for Installation of 36 Watt and 72 Watt LED Street Lights along with Poles at Different dark Points of Ward no. 85 under Zone no. 2A - ₹ 21,62,394/- (North)
2. Estimate for Installation of New Street Lights at Dark Points in Ward no. 24, 26, 71, 68 and 69 under Zone no. 1 Sheetla Mandir - ₹ 25,57,732/- (North)
3. Estimate for Installation of New Street Lights at Dark Points in Ward no. 22, 72 to 76, 2 to 4 under Zone no. 7 - ₹ 46,03,918/- (North)
4. Estimate for Installation of New Street Lights at Dark Points in Ward no. 77 to 81 and 63 under Zone no. 2 - ₹ 31,27,209/- (North)
5. Estimate for Installation of New Street Lights at Dark Points in Ward no. 1, 82 to 85 under Zone no. 2A - ₹ 25,57,732/- (North)
6. Supply and Erection of High Mast in Various locations at North Constituency (Reserve 20000 for PSPCL) - ₹ 49,74,830/- (North)
7. Estimate for Installation of High Mast Lights 08 in Cantt Constituency areas - ₹ 46,76,725/- (Cantt)
8. Providing and Erection of Fancy Street Lights at Bhargo Camp near Mukh Mandir Satguru Kabir Ji in Ward no. 46 Zone no. 4A Basti Sheikh - ₹ 17,06,479/- (West)
9. Estimate for Installation of High Mast Lights 08 Nos. in different areas of Zone no. 4A - ₹ 48,35,755/- (West)
10. Providing and Erection of Fancy Street Lights at Ward no. 44 Shri Guru Ravi Dass Chowk to Mata Rani Chowk Model House road (West) - ₹ 7,56,341/- (West)
11. Supply and Erection of Street Light Arrangement at Dussehra Ground Dhan Mohalla etc MC Jalandhar - ₹ 17,38,942/- (North)
12. Installation of New Street Lights in Various Wards under Zone no. 9 in Jalandhar Central - ₹ 34,86,536/- (Central)
13. Supply and Erection of LED Lights etc on Main Road MC Jalandhar - ₹ 48,15,708/- (Gen)
14. Supply and Erection of LED Lights in Ward no. 60 of MC Jalandhar - ₹ 37,34,636/- (West)
15. Dismantling and Erection of Old Street Light Poles in different areas of Municipal Corporation Jalandhar - ₹ 9,93,924/- (Gen)
16. Supply and Erection of Street High Mast Lights at different location Ward no. 70 - ₹ 15,12,750/- (Central)
17. Supply and erection of Street Lights at Main Road to Bhagwan Valmiki Chowk Ward no. 70 - ₹ 45,70,765/- (Central)
18. Estimate for Installation of High Mast Light 10 Nos in different areas of West Constituency - ₹ 48,07,734/- (West)

4. P.A.-to-Joint Commission
5. Steno-to-

19. Estimate for installation of New Street Light from Shri Guru Ravidass Mandir, Village Shubhna towards Railway Crossing Main Road and adjoining areas - ₹ 2,82,23,44/- (Cantt)
20. Estimate for installation of New Street Light in Ward no. 39 Main Roads - ₹ 34,57,262/- (Cantt)
21. Estimate for Installation of High Mast Light 08 Nos in Ward no. 18 and 31 - ₹ 46,83,662/- (Cantt)
22. Estimate for Installation of New Street Light in different areas of zone no. 06 and 6A - ₹ 49,23,205/- (Cantt)
23. Estimate for installation of New Street Light in Ward no. 18. and ward no. 31 - ₹ 29,44,667/- (Cantt)
24. Estimate for Installation of High Mast Light 06 Nos in Ward no. 37 - ₹ 35,07,544/- (Cantt)
25. Estimate for Installation of High Mast Light 05 Nos in Ward no. 33 - ₹ 29,22,953/- (Cantt)
26. Providing and Erection of Fancy Street Lights at Avtar Nagar Main Road ward no. 47 Zone no. 4A - ₹ 23,89,700/- (West)

Total Amount: ₹ 8,52,71,447/-

It is further submitted that upon review of the above estimates, it has been observed that:

1. Many of these estimates have not been technically approved on EPM.
2. The nature of works is largely similar and repetitive.
3. The estimates have been prepared and processed separately, whereas they can be rationalized and optimized by clubbing.

In view of the above, it is proposed that a committee may kindly be constituted to technically review, revise and club these estimates area-wise / constituency-wise / item-wise, whichever is technically feasible, so that a uniform and comprehensive approach may be adopted before tendering.

The proposed committee is as under:

1. Er. Ranvir Singh, CE (O&M)
2. Er. Gagan Luthra, ACE (O&M)
3. Er. Gurpreet Kumar, JE (O&M)

The committee shall examine all the estimates in detail and submit a consolidated proposal after proper technical vetting.

Submitted for kind approval, please.

Sd/-
Commissioner,
Municipal Corporation Jalandhar.

Endst.No. 177/2016

Dated: 28-04-2016

A copy of the above is forwarded to the following for information, please:

1. P. A.-to-Mayor
2. P.A.- to-Commissioner
3. Steno-to-Joint Commissioner-1

4. P.A.-to-Joint Commissioner-2
5. Steno-to-Assistant Commissioner-1
6. Steno-to-Assistant Commissioner-2
7. S.E. (O&M)
8. S.E., Street Light
9. Er. Ranvir Singh, CE (O&M)
10. Er. Gagan Luthra, ACE (O&M)
11. Er. Gurpreet Kumar, JE (O&M)
12. Dispatch clerk, Establishment Br.(along with original orders of Id. Commissioner to be pasted in guard file No.1)



Supdt. Establishment