



DEPARTMENT OF LOCAL GOVERNMENT (LG)

DETAILED ESTIMATE

Work Name : Estimate for Supply, Installation, Testing and Commissioning of New LED Street Lighting System comprising 35W & 72W IP-66 LED Street Lights with 10 Mtr GI Octagonal Poles, Underground XLPE Cable Network, Street Light Control Panels, GI Brackets, Earthing and allied electrical infrastructure along Shri Guru Ravidass Mandir, Village Shubhna towards Railway Crossing Main Road and adjoining areas of Cantt Constituency along with Main Roads of Ward No. 39, 18 & 31 and different areas of Zone No. 06 & 6A under Municipal Corporation Jalandhar.

Sr.No.	Code	Description	Amount In ₹
		Estimate for Supply, Installation, Testing and Commissioning of New LED Street Lighting System comprising 35W & 72W IP-66 LED Street Lights with 10 Mtr GI Octagonal Poles, Underground XLPE Cable Network, Street Light Control Panels, GI Brackets, Earthing and allied electrical infrastructure along Shri Guru Ravidass Mandir, Village Shubhna towards Railway Crossing Main Road and adjoining areas of Cantt Constituency along with Main Roads of Ward No. 39, 18 & 31 and different areas of Zone No. 06 & 6A under Municipal Corporation Jalandhar.	1,41,27,178.0000
		Work Portion	1,41,27,178.0000
		Total	1,41,27,178.0000
		Say	1,41,27,178.0000 (N)



ਸਥਾਨਕ ਸਰਕਾਰ ਵਿਭਾਗ

Municipal Corporation Jalandhar (O&M)

ਤਕਨੀਕੀ ਪ੍ਰਵਾਨਗੀ

ਪ੍ਰਵਾਨਗੀ ਨੰ : LG/26/05/407

ਮਿਤੀ : 17/05/2026

ਯੂ.ਐਲ.ਬੀ. : Municipal Corporation Jalandhar (O&M)

ਐਸਟੀਮੇਟ ਨੰ : LG/ULB/MC JAL(O&M)/Street Light/26-27/0015

ਕੰਮ ਦਾ ਨਾਮ : Estimate for Supply, Installation, Testing and Commissioning of New LED Street Lighting System comprising 35W & 72W IP-66 LED Street Lights with 10 Mtr GI Octagonal Poles, Underground XLPE Cable Network, Street Light Control Panels, GI Brackets, Earthing and allied electrical infrastructure along Shri Guru Ravidass Mandir, Village Shubhna towards Railway Crossing Main Road and adjoining areas of Cantt Constituency along with Main Roads of Ward No. 39, 18 & 31 and different areas of Zone No. 06 & 6A under Municipal Corporation Jalandhar.

ਵਾਰਡ ਨੰਬਰ : _____

ਵਿਧਾਨ ਸਭਾ ਹਲਕਾ : _____

ਤਖਮੀਨਾ ਰਾਸ਼ੀ : ₹ 1,41,27,178.0000/-

ਪ੍ਰਵਾਨਗੀ ਰਾਸ਼ੀ : ₹ 1,41,27,178.0000/-

ਅਧੀਨ ਫੰਡ : _____

ਉਕਤ ਕੰਮ ਦੇ ਤਖਮੀਨੇ ਦੀ ਇਸ ਦਫਤਰ ਵੱਲੋਂ ਚੈਕਿੰਗ ਉਪਰੰਤ ਕੀਤੀ ਗਈ ਦਫਤਰੀ ਰਿਪੋਰਟ ਦੇ ਅਧਾਰ ਤੇ ₹ 1,41,27,178.0000/- ਰੁਪਏ ਦੀ ਤਕਨੀਕੀ ਪ੍ਰਵਾਨਗੀ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ। ਇਸ ਕੰਮ ਨੂੰ ਕਰਵਾਉਣ ਲਈ ਸਰਕਾਰ ਵੱਲੋਂ ਸਮੇਂ ਸਮੇਂ ਤੇ ਜਾਰੀ ਰੁੱਲਾਂ, ਹਦਾਇਤਾਂ ਅਤੇ ਨਾਲ ਨੱਥੀ ਸ਼ਰਤਾਂ ਦੀ ਪਾਲਣਾ ਕਰਨੀ ਯਕੀਨੀ ਬਣਾਈ ਜਾਵੇ।

Superintending Engineer
Municipal Corporation Jalandhar (O&M)

MUNICIPAL CORPORATION JALANDHAR

Estimate

Name of Work: Estimate for Supply, Installation, Testing and Commissioning of New LED Street Lighting System comprising 35W & 72W IP-66 LED Street Lights with 10 Mtr GI Octagonal Poles, Underground XLPE Cable Network, Street Light Control Panels, GI Brackets, Earthing and allied electrical infrastructure along Shri Guru Ravidass Mandir, Village Shubhna towards Railway Crossing Main Road and adjoining areas of Cantt Constituency along with Main Roads of Ward No. 39, 18 & 31 and different areas of Zone No. 06 & 6A under Municipal Corporation Jalandhar.

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 Waranty of 5 Years)	No	100	₹ 2,571.25	₹ 2,57,125
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 Waranty of 5 Years)	No	302	₹ 5,546.25	₹ 16,74,968
3	34.09-ii	Supply and erection of PVC insulated FR single core Unsheathed copper conductor cable (ISI marked) suitable upto 1100 volts grade confirm 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/E of connection wire 1.5 sqmm	Mtr	5628	₹ 24.65	₹ 1,38,730
4	34.29-B-ii-a	S/E single arm bracket 1 M long GI Pipe 40mm	No	130	756.6	₹ 98,358
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/F 10 sqmm-4 Core- Aluminium Wire with 30% Premium	Mtr	12060	₹ 516.21	₹ 62,25,493
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 10 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	3900	₹ 133.79	₹ 5,21,781
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-355) 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 housing three phase 4wire cable connection, bakelite sheet, MCB, loop in and out 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		130	₹ 33,616.97	₹ 43,70,206
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		130	₹ 1,274.74	₹ 1,65,716
10	34.16	S/I of MCB Single Pole= 6-32 Amp (10kA, Curve-C)		130	₹ 190.58	₹ 24,775
Estimated Amount						₹ 1,35,07,874
Add GST 5.35 % on CSR Items						₹ 6,19,304
Total Estimated Amount						₹ 1,41,27,178





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 Sheela 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 Commissioner
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. 177/23/G

Dated: 28-04-26

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

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