GOVERNMENT OF NCT OF DELHI
PWD SECRETARIAT: 3rd FLOOR, MSO BUILDING
I P ESTATE: NEW DELHI: 110002

File.No. 414-e / dspwd/2/2133
Comp. No.: 309302

Dated: 04/06/2026

प्रमुख अभियन्ता
आवती सं. 4464
दिनांक 4/6/2026
प्रमुख अभियन्ता
निदेशक (कार्मिक)
निदेशक (अनु.)
निदेशक (कार्य) 8516
लेखा नियंत्रक
उप निदेशक (कार्य/कार्मिक/अनु./जन सूचना)

To,

The Chief Engineer (South),
Public Works Department,
7th Floor, MSO Building, I.P. Estate,
New Delhi-110002

Sanction No. SS/PWD/ 21 /2026-27

Name of work: Replacement of Street Lighting with Energy Efficient Smart LED Lighting in Delhi PWD Roads.

Sir,

AD-II Deputy Director (works)

In pursuance to the proposal forwarded by Engineer-in-Chief, PWD vide dated 10.12.2025 and approved by the Expenditure Finance Committee (EFC) in its 3rd Meeting for the financial year 2026-27 held on 20.05.2026, on the subject cited above, I am directed to convey the Administrative Approval & Expenditure Sanction of **₹473.24 Crore(Rupees Four Hundred Seventy Three Crore Twenty Four Lakh only)**, for the work **"Replacement of Street Lighting with Energy Efficient Smart LED Lighting in Delhi PWD Roads"**, subject to the following conditions:-

1. All the conditions mentioned at the Para No. 7 & 8 of the Minutes of the 3rd Meeting of EFC for the FY 2026-27 held on 20.05.2026 shall be complied to (copy enclosed).
2. The expenditure involved shall be debitable to the Major Head **MH 5054-04-337-62-00-73 — "Replacement of Street Lighting with Energy Efficient Smart LED Lighting in Delhi PWD Road",** within the sanctioned budget and subject to availability of funds. However, before incurring any expenditure, Engineer-in-Charge shall ensure that all requisite codal formalities as per GFR-2017, CPWD Works Manual, Manual for Procurement of Works, DFPR, instructions of Finance Department GNCTD, GoI and CVC guidelines have been observed.
3. Strict compliance of all pre-sanction/post-sanction guidelines and requirements circulated vide Government Order No. PA/DSF/Misc./2012-13/Exp-4/538-45 dated 17.05.2012 shall be ensured during planning and execution of the project.
4. The work/project shall cover all aspects of the approved scope of work and shall be completed within the sanctioned cost and stipulated period. No cost escalation shall be considered in future.
5. Tender shall be invited through QCBS (Quality cum Cost Based Selection) methodology with conditions and technical evaluation criteria as approved in Table "A" of Note #38.
6. The evaluation methodology shall be based on QCBS with 25% weightage for Technical Score and 75% weightage for Financial Score.
7. Tender shall be called in anticipation of Administrative Approval & Expenditure Sanction (AA&ES). However, the tender shall be finalized and awarded only after receipt of AA&ES from the competent authority/EFC.
8. The Engineer-in-Charge shall ensure that all smart street lighting fixtures are individually controlled and dimmable with integrated communication and control node as per approved RFP specifications.
9. The contractor shall be responsible for operation and maintenance of the entire smart street lighting system for a period of five years, including theft-related liabilities as provided in the approved RFP.

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Please upload on PWD Website.

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10. The Command and Control Centre proposed under the project shall be established at MSO Building, PWD Headquarters, ITO, New Delhi, complete with required display systems, software and monitoring infrastructure.
11. Performance Guarantee and Security Deposit shall be obtained as per codal provisions and suitable maintenance performance conditions shall be incorporated in the agreement.
12. Financing of work shall be managed by Engineer-in-Charge as per budget provisions for respective financial years.
13. Engineer-in-Charge shall not change the approved scope of work without prior approval of the competent authority.
14. Probable impediments in execution shall be identified in advance and contingency measures planned to ensure timely completion of the project.
15. No diversion of funds shall be allowed. Any deviation from the sanctioned provisions shall attract strict action.
16. The work shall be executed strictly as per specifications contained in the approved estimate, RFP and agreement conditions.
17. The overall expenditure during the financial year shall remain restricted to allocated budget provisions.
18. It shall be ensured that there is no duplication/overlapping of work or funds.
19. Concerned Chief Engineer shall be responsible for technical and financial scrutiny of the detailed estimate and execution of work.
20. All payments to contractor/agencies shall be made only through electronic fund transfer.
21. Photographic and geo-tagged records indicating pre-execution, execution and post-execution status shall be maintained for monitoring and verification purposes.
22. Chief Engineer concerned shall ensure compliance of Finance Department GNCTD O.M. No. F.20/04/2023-Fin.(PD)/1096-1105 dated 20.04.2023 and Chief Secretary-cum-Chief Vigilance Officer's Order dated 21.09.2023 regarding geo-tagging and online monitoring of works.
23. Details of work including estimate cost, awarded cost, timelines and executing agency shall be uploaded on the department website.
24. Asset register of smart street lighting infrastructure created under the project shall be maintained and updated regularly.
25. Quarterly progress reports and annual performance reports shall be submitted by the concerned Chief Engineer to PWD Secretariat.
26. Chief Engineer concerned shall ensure to abide by Government Orders for execution of Capital Projects/works issued vide No.(s):-
    i. F.3/30/CS/2007/DS-IV/3051-64 dt. 12/07/2011
    ii. F.No. PA-DSF(infra)/Misc./2010-2011/DSIV/3037-50 dt. 12/07/2011
    iii. F.No. PA/DSF(infra)/FD/2011-12/DSIV/3386-3400 dt. 25/07/2011
    iv. F.No. PA/DSF/Misc./2012-13/Exp-4/538-45 dt. 23/05/2012
27. The Engineer-in-Chief/Chief Engineer concerned shall ensure the strict compliance of the Finance Department, GNCTD O.M. No. F.20/04/2023-Fin.(PD)/1096-1105 dated 20/04/2023 and Chief Secretary-cum-Chief Vigilance Officer's Order vide F.No.01/38/Dov/Admn/2023/10922-926 dated 21.09.2023 regarding Geo-tagging of all projects and works alongwith uploading of progress report with coloured photographs, mandatorily on online portal developed by IT Department of GNCTD in this regard (https://delhiemonitoring.calibrewebsol.com/), before release of any payment for any project/work.

This issues with the approval of the Competent Authority.

(M. K. Nikhil)
Dy. Secretary (Works)

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Comp. No.: 309302

Copy to:-

1. Engineer-in-Chief, PWD, 12th floor, MSO Building, I P Estate, New Delhi-110002 *with the directions to ensure strict compliance of all the terms and conditions of the sanction.*
2. Director (Planning), GNCTD, 6th level, Delhi Secretariat, I P Estate, New Delhi-110002.
3. Dy Secretary (Expenditure-II), Finance Department, 4th level, Delhi Secretariat, I P Estate, New Delhi-110002.
4. Director (Works), PWD, MSO Building, I P Estate, New Delhi-110002 *with the request to upload this sanction on the website of the department.*
5. CoA/IFA, PWD, 12th floor, MSO Building, I P Estate, New Delhi-110002.
6. Sr. Audit Officer, O/o PAG (Audit), AGCR Building, I P Estate, New Delhi-110002.
7. Dy. Controller of Accounts, Directorate of Audit, 4th level, Delhi Secretariat, I P Estate, New Delhi-110002.
8. OSD to Minister (PWD), 6th level, Delhi Secretariat, I P Estate, New Delhi-110002.
9. Pay & Accounts Office- 22, MSO Building, I P Estate, New Delhi-110002.
10. Office Order File No.F.4(10)/2019-20/PWD-II and CD No. 057555526.
11. Guard file.

Copy for information to:-

1. PS to Pr. Secretary (PWD), 3rd Floor, MSO Building, I P Estate, New Delhi, 110002.
2. PS to Spl. Secretary-I (PWD), 3rd Floor, MSO Building, I P Estate, New Delhi, 110002.
3. PS to Spl. Secretary-II (PWD), 3rd Floor, MSO Building, I P Estate, New Delhi, 110002
4. Dy. Director (Plg.), PWD, 3rd Floor, MSO Building, I P Estate, New Delhi-110002.

(M. K. Nikhil)
Dy. Secretary (Works)

Government of NCT of Delhi
Finance Department, Policy Division
4th Level, 'A' Wing, Delhi Secretariat, New Delhi

Minutes of 3rd Meeting of Expenditure Finance Committee for the financial year 2026-27 held on 20th May, 2026 at 3.30 P.M.

The 3rd Meeting of Expenditure Finance Committee for the year 2026-27 under the Chairpersonship of Hon'ble Chief Minister/ Minister-in-charge (Finance), Delhi was held on 20.05.2026 at 03.30 PM, at Hon'ble Chief Minister's Camp Office, Jan Sewa Sadan through hybrid modeto consider the following proposal submitted by Public Works Department, GNCTD: -

S.No	Particulars of the proposal	Estimated cost (₹... crore)
1.	Replacement of Street Lighting with Energy Efficient Smart LED Lighting on PWD Roads in Delhi	473.24

2. Following were in attendance through hybrid mode for the EFC meeting:

I **Members of Expenditure Finance Committee:**

(i) Hon'ble Chief Minister/Minister-in-Charge (Finance), GNCTD.
(ii) Shri Parvesh Sahib Singh, Minister-in-Charge (PWD), GNCTD
(iii) Shri Santosh D. Vaidya, Principal Secretary (Finance), GNCTD
(iv) Shri Sandeep Kumar, Pr. Secretary (PWD), GNCTD
(v) Shri Shri V.N. Vibek, E-n-C, PWD, GNCTD
(vi) Shri D.B. Gupta, Director, Planning, GNCTD
(vii) Shri Manoj Kumar V.M., Joint Secretary, Finance, GNCTD

3. PWD apprised the Expenditure Finance Committee of the agenda and made a power point presentation covering the main aspect of the proposal before the Committee. It was informed to the Committee that proposal under consideration is for Replacement of Street Lighting with Energy Efficient Smart LED Lighting on PWD Roads in Delhi at an estimated cost of ₹473.24 crore.

4. Public Works Department made the following submissions: -

(i) In the present scenario the street lights installed on the PWD roads are normal LED and HPSV which result into full brightness regardless of need and also require manual inspection to detect the fault. Normal LED works only on full brightness and capacity of HPSV is 400 Watts, hence, consumption of power is more. Also, because of manual inspection for fault detection, no real time monitoring and maintenance could be done. It was also reported that during the day time some stretch of road lights remains on so there is no real time adaptation. After considering

the many facts and disadvantages of manual system it has been decided to convert the manual street light system into smart light system.

(ii) The calculated total nos. of street light fixtures are about 93677 with power wattage of about 23283 KW approx. Controlling of these lights is done by manual technology, which result into improper maintenance & loss of energy. Considering the above facts it has been proposed to adopt the advanced smart light technology by replacement of all the lights by individually controlled & dimmable street lights fixtures with seven-year warrantee. After replacement of manual fixtures, the effective load would get reduced to about 17687 KW resulting into huge power saving. The proposed street light also works as dimmable and individually controlled so that real time adaptation i.e. light can be controlled as traffic weather conditions etc. could be achieved. The command centre is also included in the estimate to monitor the status of the all-street lights on real time basis. The command centre shall be set up at MSO building PWD headquarters ITO New Delhi with 2 nos. of 75" display computers & related software (s). In the estimates, Smart Feeder Pillar is also proposed so that command on main supply could also be achieved. The estimate also contains the provision of poles, Foundation, High mast, cable, earthing, wire mesh, numbering of poles and all supporting other electrical accessories and buy back of old fixture etc.

(iii) The provision of estimate includes operation & maintenance of all these street lights with suitable nos. of staff & motor wagon for 5 years. During the maintenance, responsibility of theft would come under the scope of work of the contractor.

(iv) Financial implications of the project are:-

Sr No	Component	Estimated Cost (Rs. in Cr)
1	Capital Works	199.29
2	O &M cost for 5 years	211.8
3	Accidental/New Poles & allied work	43.04
4	Credit for buy back	-7.42
5	Total	446.7
6	Add labourcess@1%+ contingency@1%+ESIC EPF@3.94%	26.54
	Total	473.24

(v) Budget Head: Major Head MH 5054-04-337-62-00-73 "Replacement of Street Lighting with Energy Efficient Smart LED lighting in Delhi PWD Roads wherein an amount of Rs. 50 crores have been kept in BE 2026-27

Period of completion Planning Execution	 03 Months 06 Months
Phasing of the project	Projected expenditure
2026-27 2027-28 2028-29 2029-30 2030-31 2031-32	120.00 80.00 75.00 75.00 75.00 48.25

5. Pr. Secretary (Finance) observed that the O&M cost of ₹211 crore appears to be on the higher side and may require further review by the Public Works Department. It was further noted that the Finance Department had sought certain additional information/data in this regard, and the Administrative Department may ensure that the observations of the Finance Department are duly taken into consideration and comprehensively addressed/complied with.

6. The officers of the PWD present during the meeting submitted that the O&M and other associated costs are fully justified and are in accordance with the applicable norms/guidelines. The Committee deliberated upon the proposal in detail, and the Chair observed that the project may be planned and executed in a time-bound manner so as to ensure the installation of fixtures within 6-months. The Minister-in-Charge (PWD) also suggested to suitably name the project.

7. The Committee further emphasized that the Department shall incorporate stringent penalty clauses in the tender documents to ensure high-quality construction and strict adherence to stipulated timelines. Adequate quality control mechanisms, including third-party inspections, wherever required, shall be ensured during project execution. The Committee also emphasized that the project shall be regularly monitored by the Administrative Department through a dedicated Project Monitoring Committee.

8. After detailed deliberations, and taking into account the recommendations of the Public Works Department, GNCT of Delhi—particularly with regard to the technical, administrative, operational, maintenance, and financial aspects—the Expenditure Finance Committee (EFC) approved and sanctioned the proposal submitted by the Public Works Department for Replacement of Street Lighting with Energy Efficient Smart LED Lighting on PWD Roads in Delhi at an estimated cost of ₹473.24 crores subject to the following conditions:-

i. The Administrative Department shall ensure that all codal formalities/guidelines issued by CVC, orders/Circulars/ instructions

issued by Government of India and other relevant Government orders are strictly adhered while executing the work.

ii. The Administrative Department shall ensure that execution of work is of best quality and strictly adhere to the project timeline. A stringent penalty clause should be incorporated in the work award letter and progress of execution of project in terms of quality of work and timeline of the project should be monitored by the Project Monitoring Committee, constituted by the Administrative Department in order to evade the time and cost over-run of the project.

iii. The Administrative Department should ensure that the estimates are prepared on the basis of prevailing DSR/DPAR rates.

iv. Project shall be completed as per approved scope at the sanctioned cost within the stipulated period. No cost escalation will be considered in future.

v. The Department shall prepare a Detailed Project Report with the approval of the Competent Authority.

vi. All necessary statutory clearances shall be obtained by the department well in advance. The Administrative Department shall ensure availability of adequate Budgetary provisions in relevant head of accounts as per the financial phasing of the project.

vii. The Administrative Department shall ensure compliance of the observations of the Planning and Finance Department, GNCT of Delhi in totality, however, significant amongst them are summarized below: –

a) PWD towork out detailed methodology/calculations for projected energy savings, including baseline consumption, operating hours and wattage comparison of existing and proposed light fixtures and devise a mechanism ensure the same on time-to-time basis;

b) PWD to include mechanism for tracking reduction in electricity consumption from the current consumption of about 10 Cr. units/ year to about 6.5 Cr. units/ year.

c) PWD to ensure GIS/GPS-enabled monitoring and management system for all smart LED lights, including the mechanism for real-time monitoring, centralized control, fault detection, performance tracking and data reporting.

d) PWD to quantify minimum number of lights proposed to be replaced under the project, along with thequantified buffer for installation in due course of the implementation of the project.

e) Appropriate penalty provisions may be incorporated for delay in execution and non-replacement of defective streetlights within stipulated timelines;

f) PWD to devise a clearly defined mechanism for ensuring achievement, monitoring and verification of the anticipated energy savings during the implementation and operational period of the project.

g) A dedicated PMU be established for effective project monitoring, and disposal of old LED/HPSV fittings may be undertaken as per e-waste norms;

h) PWD to ensure that the QCBS evaluation criteria are in conformity with CPWD procurement/work manual guidelines;

viii. The Administrative Department shall ensure strict compliance with all observations/comments conveyed by the Finance Department, GNCTD vide U.O. Nos. I/156405/2026 and I/156654/2026 dated 18.05.2026, and shall also ensure that the same are duly addressed.

ix. The Administrative Department shall ensure compliance of pre-sanction/ post-sanction guidelines/ requirements relevant to the project circulated as Annexure to Government order no. PA/DSF/Misc/ 2012-13/ Exp-4/538-45 dated 17.05.2012 during planning and execution period.

x. Geo-tagging of project on the designated Web portal of GNCTD and Delhi PMG portal shall be complied with in the terms of various OM/guidelines issued by GNCT of Delhi from time to time.

xi. The Administrative department to abide by Government Orders for execution of Capital Projects/works issued from time to time.

9. The meeting ended with vote of thanks to the Chair.

Digitally signed by Manoj Kumar V M
Date: 25-05-2026 20:34:06

(Manoj Kumar V.M.)
Joint Secretary Finance (Policy)

1. Secretary to the Hon'ble Chief Minister/ Minister-in-charge (Finance) for appraisal of the Hon'ble Chief Minister.
2. Secretary to the Hon'ble Minister (PWD) for appraisal of the Hon'ble Minister (PWD).
3. Pr. Secretary, Public Works Department, 3rd floor, MSO building, ITO, New Delhi.
4. Pr. Secretary (Finance), GNCTD, New Delhi
5. Director, Planning Department, Delhi Secretariat, New Delhi
6. Engineer-in-Chief, PWD, 12th floor, MSO building, ITO, New Delhi.
7. PS to Spl Secretary (Finance), GNCTD
8. PA to Controller of Accounts (Finance), GNCTD
9. Assistant Director (IT), Finance Department ...for uploading on the website