

| IRRIGATION & FLOOD CONTROL                                   |  |   |   |                     |                                |  |  |                     |                                |                |   |
|--|--|---|---|---------------------|--------------------------------|--|--|---------------------|--------------------------------|----------------|---|
| SECTION C - CAPITAL SCHEMES/PROGRAMMES                       |  |   |   |                     |                                |  |  |                     |                                |                |   |
| Sr. No.  | Name of the Scheme/ Programme  | Objectives  | OUTPUTS   |                     |                                |  | OUTCOMES   |                     |                                |                | Risk Factors / Remarks  |
|  |  |   | Indicator   | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21   | Indicator  | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |   |
| 1  | 2  | 3   | 4   | 5                   | 6                              | 7  | 8  | 9                   | 10                             | 11             | 12  |
| 1  | <b>Major Drainage (a) Procurement of heavy machinery for desilting of drains</b><br><br><b>Outlay = ₹ 250 Lakh (Capital)</b> | Desilting of drains   | Date of Procurement of new machinery.                                 | 18.12.2018          | 10.01.2020                     | 31.03.2021   |  |                     |                                |                | 07 nos. back hoe loader cum excavators (JCB type) procured on 06.08.2019. 4 Nos. Trolley mounted Auto Priming Pump Sets procured in Jan, 2020<br><br>De-silting work is in progress and shall be completed by targeted date 30.06.2020.   |
|  |  |   | Total number of machines procured and made operational. (Commulative) | 53                  | 64                             | 75   |  |                     |                                |                |   |
|  |  |   | Total length of drains (km) desilted using machinery                  | 400                 | 382                            | 382  | Quantity of silt disposed at SLF site (in Lakhs MT)                    | 0.90                | 1.70                           | 2.16           |   |
|  |  |   | Total production of silt (in Lakhs MT)                                | 6.00                | 3.40                           | 3.24   | Quantity of silt disposed at banks as well in depression (in Lakhs MT) | 5.10                | 1.70                           | 1.08           |   |
|  |  |   | Number of staff engaged in desilting                                  | 167                 | 167                            | 167  | Silt used in productive activity                                       | 0                   | 0                              | 0              |   |
|  | <b>(b) Embankment/ Major Drainage Schemes</b><br><b>Outlay = ₹ 500 Lakh (Capital)</b>  | Protection, widening, strengthening and resurfacing of embankments. | Number of projects including ongoing projects of previous years       | 1                   | 1                              | 1  | % age of ONGOING projects that are within deadline as per Work Order   | 0                   | 0                              | 100            | Project delayed due to replacement of water pipelines by Delhi Jal Board along the road on City Side. DJB work already completed, therefore work likely to be completed by 30.06.2020 or depending upon lock down situation. Amount of penalty/levy shall be finalized afterwards on the basis of actual delay in days. |
|  |  |   | Number of projects for which construction has started/in progress     | 1                   | 1                              | 1  | % age of projects COMPLETED within deadline as per Work Order          | 0                   | 0                              | 100            |   |
| Number of projects for which construction is fully completed |  |   | 0   | 0                   | 1                              | Number of projects where penalty imposed on the contractor due to delay in completion. | 0  | 0                   | 0                              |                |   |
| 2  | <b>Other Drainage Works</b><br><br><b>Outlay = ₹ 41000 Lakh (Capital)</b>  | (a) Remodeling / Improvement of Existing Drains                     | Number of projects including ongoing projects of previous years       | 6                   | 27                             | 20   | % age of ONGOING projects that are within deadline as per Work Order   | 50                  | 0                              | 100            | (1) Delay due to monsoon seasons.<br>(2) Land dispute with Haryana Irrigation.<br>(3) Land dispute with UP Irrigation.<br>(4) Shifting of electric poles by BSES.<br>(5) Delayed ban of construction activities by EPCA in the month  |
|  |  |   | Number of projects for which construction has started/in progress     | 6                   | 20                             | 20   | % age of projects COMPLETED within deadline as per Work Order          | 0                   | 100                            | 100            |   |

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|---------|-------------------------------|---|---|---------------------|--------------------------------|----------------|--|---------------------|--------------------------------|----------------|---|
|         |                               |   | Indicator   | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 | Indicator  | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |   |
| 1       | 2                             | 3   | 4   | 5                   | 6                              | 7              | 8  | 9                   | 10                             | 11             | 12  |
|         |                               |   | Number of projects for which construction is fully completed      | 2                   | 7                              | 20             | Number of projects where penalty imposed on the contractor due to delay in completion. | 0                   | 0                              | 0              | November to Decmeber-2019.(On-Track) Amount of penalty/levy shall be finalized afterwards on the basis of actual delay in days.<br>(6) The work delayed due to Model code of conduct,Air pollution, lock down due to Covid-19   |
|         |                               |   | Length of projects which have been completed (in kms)             | 8.9                 | 21.00                          | 28.00          |  |                     |                                |                |   |
|         |                               | (b) Remodelling of Najafgarh Pond Drain by constructing R.C.C. Reaining wall from RD 600m to RD 1942m.  | Date of completion of work  | NA                  | -                              | 30.07.2020     |  |                     |                                |                | The tree cutting permission has been granted Foreset Deptt. The trees has been shifted and work is in progress. The work delayed due to Model code of conduct,Air pollution construction ban and lock down due to Covid-19.   |
|         |                               |   | Percentage of work completed                                      | 0                   | 4                              | 100            |  |                     |                                |                |   |
|         |                               | (c) Access Roads and Bridge related projects<br>Construction of bridges/ roads/ resurfacing or improvement of roads on the banks of embankments/ banks of drains. | Number of projects including ongoing projects of previous years   | 20                  | 51                             | 36             | % age of ONGOING projects that are within deadline as per Work Order                   | 40                  | 0                              | 100            | Delay due to<br>(1) Monsoon season<br>(2) land dispute<br>(3) Failure of test pile and redesigning of foundation<br>(4) Change in alignment and shifting of transformer<br>(5) Shifting of pipeline by DJB.<br>(6) Delayed ban of construction activities by EPCA in the month November to Decmeber-2019.(On-Track)Amount of penalty/levy shall be finalized afterwards on the basis of actual delay in days.<br>(7)The work delayed due to Model code of conduct,Air pollution construction ban and lock down due to Covid-19. |
|         |                               |   | Number of projects for which construction has started/in progress | 20                  | 36                             | 36             | % age of projects COMPLETED within deadline as per Work Order                          | 0                   | 100                            | 100            |   |
|         |                               |   | Number of projects for which construction is fully completed      | 7                   | 15                             | 36             | Number of projects where penalty imposed on the contractor due to delay in completion. | 0                   | 0                              | 0              |   |

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|---------|-------------------------------|--|------------------------------|---------------------|--------------------------------|----------------|-----------|---------------------|--------------------------------|----------------|--|
|         |                               |  | Indicator                    | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 | Indicator | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |  |
| 1       | 2                             | 3  | 4                            | 5                   | 6                              | 7              | 8         | 9                   | 10                             | 11             | 12   |
|         |                               | (d) Construction of four lane R.C.C. Bridge at upstream of RD 20180m (existing Dhoolsiras Bridge) on Najafgarh Drain | Date of Tender floating      | 06.02.2019          | 27.05.2019                     | -              |           |                     |                                |                | Work in progress. The work delayed due to Model code of conduct, Air pollution construction ban and lock down due to Covid-19. |
|         |                               |  | Date of work award           | -                   | 08.07.2019                     | -              |           |                     |                                |                |  |
|         |                               |  | Date of Start of work        | -                   | 19.07.2019                     | -              |           |                     |                                |                |  |
|         |                               |  | Date of completion of work   | -                   | -                              | 30.09.2020     |           |                     |                                |                |  |
|         |                               |  | Percentage of work completed | -                   | 20                             | 100            |           |                     |                                |                |  |
|         |                               | (e) Construction of four lane R.C.C. Bridge at upstream of RD 14468m (existing Badusarai Bridge) on Najafgarh Drain  | Date of Tender floating      | 06.02.2019          | 27.05.2019                     | -              |           |                     |                                |                | Work in progress. (On-Track). The work delayed due to Model code of conduct, Air pollution, lock down due to Covid-19.         |
|         |                               |  | Date of work award           | -                   | 05.07.2019                     | -              |           |                     |                                |                |  |
|         |                               |  | Date of Start of work        | -                   | 12.07.2019                     | -              |           |                     |                                |                |  |
|         |                               |  | Date of completion of work   | -                   | -                              | 30.09.2020     |           |                     |                                |                |  |
|         |                               |  | Percentage of work completed | -                   | 35                             | 100            |           |                     |                                |                |  |
|         |                               | (f) Construction of six lane R.C.C. Bridge on downstream of existing bridge on Chhawla Najafgarh Road.               | Date of work award           | -                   | 27.05.19                       | -              |           |                     |                                |                | Work in progress. The work delayed due to Model code of conduct, Air pollution construction ban and lock down due to Covid-19. |
|         |                               |  | Date of Start of work        | -                   | 11.06.19                       | -              |           |                     |                                |                |  |
|         |                               |  | Date of completion of work   | -                   | -                              | 30.09.2020     |           |                     |                                |                |  |
|         |                               |  | Percentage of work completed | -                   | 45                             | 100            |           |                     |                                |                |  |

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|---------|---|---|---|---------------------|--------------------------------|----------------|--|---------------------|--------------------------------|----------------|---|
|         |   |   | Indicator   | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 | Indicator  | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |   |
| 1       | 2   | 3   | 4   | 5                   | 6                              | 7              | 8  | 9                   | 10                             | 11             | 12  |
|         |   | (g) Works related to protection of Govt land. Construction of walls for protection of Govt. Land from encroachment. | Number of projects including ongoing projects of previous years       | 2                   | 9                              | 9              | % age of ONGOING projects that are within deadline as per Work Order                       | 50                  | 0                              | 100            | Work held up due to non availability of electricity connection NDPL. The work was also delayed due to Model code of conduct, Air pollution construction ban and lock down due to Covid-19.  |
|         |   |   | Number of projects for which construction has started/in progress     | 2                   | 8                              | 9              | % age of projects COMPLETED within deadline as per Work Order                              | 100                 | 100                            | 100            |   |
|         |   |   | Number of projects for which construction is fully completed          | 1                   | 1                              | 7              | Number of projects where penalty imposed on the contractor due to delay in completion.     | 0                   | 0                              | 0              |   |
|         |   |   | Length of projects which have been completed (in kms)                 | 4.9                 | 5.29                           | 27             |  |                     |                                |                |   |
| 3       | Development of Chhat Ghats<br>Outlay = ₹ 1100 Lakh (Capital)                                  | Construction of Chhat ghats for Chhat Puja all over Delhi   | Number of permanent Chhat ghats constructed                           | 31                  | 94                             | 0              | % age of projects COMPLETED within deadline as per Work Order                              | 100                 | 100                            | NA             | All Chhat ghat completed within timeline.   |
|         |   |   | Number of temporary Chhat ghats constructed                           | 593                 | 499                            | 499            | % age of projects COMPLETED within deadline as per Work Order                              | 100                 | 100                            | 100            | The work of Construction of Chatt Ghat assigned to I&FC Deptt. by Revenue Deptt. for all Ghats shall be completed in year 2020-21.  |
| 4       | Rejuvnation/ Maintenance & Preservation of Water Bodies<br><br>Outlay = ₹ 5000 Lakh (Capital) | Rejuvenation of water bodies  | Number of water bodies including ongoing projects of previous years   |                     | 0                              | 72             | % age of ONGOING water bodies that are within deadline as per Work Order                   | -                   | 0                              | 100            | The work for Revival and Rejuvenation of 95 Water Bodies was assigned to this department out of which 72 water bodies are feasible for Rejuvenation /Development. For phase wise execution of this work water bodies has been selected and accordingly tenders shall be floated. The process of appointment of National Environmental Engineering Research Institute (NEERI) as a consultant for 35 water bodies for submitting DPR and 27 water bodies for wetting the proposal for other consultants has been initiated. Based on the DPR from NEERI rest of the tenders shall be made. |
|         |   |   | Number of water bodies for which construction has started/in progress |                     | 0                              | 30             | % age of water bodies COMPLETED within deadline as per Work Order                          | -                   | 0                              | 100            |   |
|         |   |   | Number of water bodies for which construction is fully completed      |                     | 0                              | 10             | Number of water bodies where penalty imposed on the contractor due to delay in completion. | 0                   | 0                              | 0              |   |
|         |   |   | Percentage of work completed  |                     | 0                              | 13.88          |  |                     |                                |                |   |

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|         |  |  | Indicator   | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 | Indicator  | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |   |   |
| 1       | 2  | 3  | 4   | 5                   | 6                              | 7              | 8  | 9                   | 10                             | 11             | 12  |   |
| 5       | Rejuvenation of Drains<br><br>Outlay = ₹ 1000 Lakh (Capital) | (A) Rejuvenation of drains   | Number of drains including ongoing projects of previous years   |                     | 0                              | 55             | % age of ONGOING drains that are within deadline as per Work Order                   | -                   | 0                              | 100            | The process of appointment of National Environmental Engineering Research Institute (NEERI) as a consultant for 55 drains of I&FC has been initiated. Depending upon the feasibility report submitted by NEERI further course of rejuvenation as proposed by NEERI shall be decided |   |
|         |  |  | Number of drains for which construction has started/in progress |                     | 0                              | 10             | % age of drains COMPLETED within deadline as per Work Order                          | -                   | 0                              | 100            |   |   |
|         |  |  | Number of drains for which construction is fully completed      |                     | 0                              | 5              | Number of drains where penalty imposed on the contractor due to delay in completion. | 0                   | 0                              | 0              |   |   |
|         |  |  |   |                     |                                |                | Total length of Drains that rejuvenated (In Km)                                      |                     | 0                              | 376            |   |   |
|         |  | (B) Rejuvenation of Minors   | Number of Minors including ongoing projects of previous years   |                     | 0                              | 5              | % age of ONGOING Minors that are within deadline as per Work Order                   | -                   | 0                              | 100            | Consultants have been appointed for 5 Nos. minors and DPR have been received for 05 Nos. minors. Before processing the cases further, NOC from Haryana Irrigation Deptt. is required being land owning agency. NOC still awaited.   |   |
|         |  |  | Number of Minors for which construction has started/in progress |                     | 0                              | 5              | % age of Minors COMPLETED within deadline as per Work Order                          | -                   | 0                              | 100            |   |   |
|         |  |  | Number of Minors for which construction is fully completed      |                     | 0                              | 1              | Number of Minors where penalty imposed on the contractor due to delay in completion. | 0                   | 0                              | 0              |   |   |
|         |  |  | % of physical work completed                                    |                     | 0                              | 20             | Total length of Minors that rejuvenated (In Km)                                      |                     | 0                              | 3.40           |   |   |
|         |  | (C) Construction of shallow reservoir in Yamuna Flood Plain from Palla to Wazirabad. | Date of appointment of consultant                               | 08.03.2019          | 06.03.2019                     |                |  |                     |                                |                |   | A pilot project for the constructions of Reservoir in Yamuna Flood Plain at Up Stream of Wazirabad barrage was taken up. The total allotted area for the project was 40 acre and out of 40 acres, 25 acres was for excavation and remaining 15 acre was for the disposal of excavated silt.<br><br>The project was taken up in August 2019 and excavation |
|         |  |  | Date of receipt of DPR  | -                   |                                |                |  |                     |                                |                |   |   |
|         |  |  | Date of Tender floating   | -                   | 10.08.2019                     |                |  |                     |                                |                |   |   |
|         |  |  | Date of work award  | -                   | 11.08.2019                     |                |  |                     |                                |                |   |   |
|         |  |  | Date of Start of work   | -                   | 11.08.2019                     |                |  |                     |                                |                |   |   |

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|---------|-------------------------------|------------|---|---------------------|---|----------------|-----------|---------------------|--------------------------------|----------------|--|
|         |                               |            | Indicator                               | Achievement 2018-19 | Achievement 2019-20 (baseline)                    | Target 2020-21 | Indicator | Achievement 2018-19 | Achievement 2019-20 (baseline) | Target 2020-21 |  |
| 1       | 2                             | 3          | 4                                       | 5                   | 6   | 7              | 8         | 9                   | 10                             | 11             | 12   |
|         |                               |            | Date of completion of work              | -                   | 18.08.2019 (Foreclosed due flood in river Yamuna) |                |           |                     |                                |                | Project 2019-20 and excavation work was partially completed in 17.60 Acre. Work for the excavation for Development of water bodies/reservoirs in Yamuna flood plain area by retaining excess flood water of river Yamuna during the monsoon season for recharging the ground water in Yamuna flood plain near shank No 16 on the Right Marginal Embankment (RME) shall be taken up in the year 2020-21 Continuation of Pilot Project for 2nd year. |
|         |                               |            | Percentage of work completed            | -                   | 70.4 (Phase I work Completed)                     |                |           |                     |                                |                |  |
|         |                               |            | Date of Tender floating (Phase II)      |                     |   | 27.05.2020     |           |                     |                                |                |  |
|         |                               |            | Date of work(Phase II) award            |                     |   | 22.06.2020     |           |                     |                                |                |  |
|         |                               |            | Date of Start of work (Phase II)        |                     |   | 24.06.2020     |           |                     |                                |                |  |
|         |                               |            | Date of completion of work (Phase II)   |                     |   | 23.07.2020     |           |                     |                                |                |  |
|         |                               |            | Percentage of work (Phase II) completed |                     |   | 100            |           |                     |                                |                |  |