

| Schedule of Quantity |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |          |          |           |                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|-----------|-------------------|
|                      | Name of Work :- A/R & M/O Works at I/C Block, GPRA, Salt Lake, Kolkata, during 2026–27.Sub-Head: Sub-Head: Providing & Laying S&S Centrifugally Cast (Spun) Iron Pipes (Class LA) Conforming to IS:1536, 100 mm and 150 mm Dia.                                                                                                                                                                                                                                                                                                                     |          |          |          |           |                   |
| SLNo                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty      | Unit     | Rate     | Amount    | DSR 2023          |
| 1                    | EARTH WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |          |          |           | 2                 |
| 1.1                  | Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m:                                                                                |          |          |          |           | 2.1               |
| 1.1.1                | All kinds of soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |          |           | 2.10.1            |
| 1.1.1.1              | Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 69.00    | metre    | 549.75   | 37933.00  | 2.10.1.3          |
| 2                    | WATER SUPPLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |          |           | 18                |
| 2.1                  | Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS :1536 :                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |          |           | 18.27             |
| 2.1.1                | 100 mm dia pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 27.00    | metre    | 1423.10  | 38424.00  | 18.27.1           |
| 2.1.2                | 150 mm dia pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42.00    | metre    | 2037.00  | 85554.00  | 18.27.3           |
| 2.2                  | Providing flanged joints to double flanged C.I./ D.I. pipes and specials, including testing of joints :                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |          |          |           | 18.3              |
| 2.2.1                | 100 mm diameter pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7.00     | each     | 332.00   | 2324.00   | 18.30.2           |
| 2.2.2                | 150 mm diameter pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18.00    | each     | 387.40   | 6973.00   | 18.30.4           |
| 2.3                  | Providing and laying S&S C.I. Standard specials suitable for mechanical jointing as per IS : 13382 :                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |          |          |           | 18.67             |
| 2.3.1                | Up to 300 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2.00     | quintal  | 13764.35 | 27529.00  | 18.67.1           |
| 2.4                  | Dismantling old C.I. pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into blocks, including stacking of pipes at site lead up to 50 metre:                                                                                                                                                                                                                                                                                                                   |          |          |          |           | 18.82             |
| 2.4.1                | 150 mm diameter C.I. pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 42.00    | metre    | 365.45   | 15349.00  | 18.82.4           |
| 2.5                  | Labour for cutting C.I. pipe with steel saw.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |          |          |           | 18.83             |
| 2.5.1                | 150 mm diameter C.I. pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10.00    | each cut | 365.70   | 3657.00   | 18.83.4           |
| 2.6                  | Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including disposing of malba all complete as per direction of Engineer-in-Charge. (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account) | 90000.00 | Litre    | 0.40     | 36000.00  | Based on DSR 2023 |
|                      | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |          | 253743.00 |                   |
|                      | Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |          |          | 246892.00 |                   |
|                      | Add Cost Index @23% on SR & DR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |          |          | 56785.00  |                   |
|                      | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |          |          | 303677.00 |                   |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |              |                  |    |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|--------------|------------------|----|
| 2.7   | Cleaning, desilting, inspection, and repair of P- trap chambers of bathrooms, kitchens, and toilets up to the 4th floor level, including checking all P-traps for leakage, removal of accumulated debris, dismantling and refixing of damaged gully traps wherever required, and sealing of joints with cement mortar to ensure proper functioning and prevent seepage, complete as per the directions of the Engineer-in-Charge. | 395.20 | each | 381.795      | 150885.00        | MR |
| 2.8   | Cleaning, washing, disinfection, and maintenance of hygienic conditions of the washrooms at the Service Centre, IC Block, including removal of dirt, stains, and deposits, complete in all respects as per the directions of the Engineer-in-Charge.                                                                                                                                                                              | 237.40 | day  | 299.725      | 71155.00         | MR |
| 2.9   | Deduction for Salvage Value of Dismantled materials which will be taken out from site by the Agency/Contractor & Cleaned the site as per direction of Engineer-in-Charge. (Dismantle materials shall be the properties of the Contractor for which credit have been made from the Bill of the Contractor by the Department.)                                                                                                      |        |      |              |                  | MR |
| 2.9.1 | SCI Pipe etc                                                                                                                                                                                                                                                                                                                                                                                                                      | 61.03  | Kg   | 18.00        | -1098.54         | MR |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      | <b>Total</b> | 524618.46        |    |
|       |                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      | <b>Say</b>   | <b>524618.00</b> |    |

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**Assistant Engineer-III**  
**SD-III, o/o the EE-Kol-III**  
**CPWD, Kolkata – 700064**