

SCHEDULE - A

NAME OF WORK : OPERATION AND MAINTENANCE ESTIMATE FOR CWSS TO 72 HABITATIONS IN KOSUR AND 5 OTHER PANCHAYATS IN KRISHNARAYAPURAM UNION OF KARUR DISTRICT FOR THE YEAR 2022-2023 for the Period of 10 Months from 01.06.2022 to 31.03.2023

| S. No. | Description of Work | Propable Qty | | Rate in (in Rs.) | | | Amount (in Rs.) |
|--------|---|--------------|------|------------------|---|---------------------|-----------------|
| | | Quantity | Unit | Figures | Words | Unit | |
| | CWSS TO 72 HABITATIONS IN KOSUR AND 5 OTHER PANCHAYATS IN KRISHNARAYAPURAM UNION OF KARUR DISTRICT | | | | | | |
| I) | Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protection of all scheme components from damages/ theft undertaking legal actions for such untoward incidents, preventive maintenance, disinfection and deliverance of water as per quality standards and supply of earmarked quantity of water to the beneficiaries as per Annexure in XII LABOUR DATA, carrying out the O&M as per standard operating procedures, Acts and rules in force etc., complete and as directed by TWAD Board Officers and excluding cost towards attending leak, burst repair and replacement works to electro mechanical installations consumables for disinfection of water, cleaning of all water retaining structure, electricity . | 350.75 | MLD | 7842.59 | Rupees seven thousand eight hundred forty two and paise fifty nine only | 1MLD (One MLD Each) | 2750788.44 |
| II) | Attending Leaks in the pipelines of this CWSS for the following items, as per the standard procedure including earthwork excavation, dewatering, removing, relaying, jointing, civil works, cost of materials and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.2.5 of General conditions of Contract - Part II. <i>(The specifications for attending leaks has to be detailed based on the data prepared and rate approval obtained for each size and material of pipes. The specifictaion has to be mentioned under the clause 1.7 of GCC - Part- I)</i> | | | | | | |
| 1 | 50mm OD PVC 6 KSC pipes | 12 | Nos | 1059.00 | Rupees one thousand fifty nine only | 1 No (Each) | 12708.00 |
| 2 | 63mm OD PVC 4 KSC pipes | 8 | Nos | 1114.00 | Rupees one thousand one hundred fourteen only | 1 No (Each) | 8912.00 |

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| | 63mm OD PVC 6 KSC pipes | 9 | Nos | 1044.00 | Rupees one thousand forty four only | 1 No (Each) | 9396.00 |
| 3 | 75mm OD PVC 4 KSC pipes | 7 | Nos | 1125.00 | Rupees one thousand one hundred twenty five only | 1 No (Each) | 7875.00 |
| 4 | 75mm OD PVC 6 KSC pipes | 6 | Nos | 1243.00 | Rupees one thousand two hundred forty three only | 1 No (Each) | 7458.00 |
| 5 | 90mm OD PVC 4 KSC pipes | 10 | Nos | 1166.00 | Rupees one thousand one hundred sixty six only | 1 No (Each) | 11660.00 |
| 6 | 90mm OD PVC 6KSC pipes | 5 | Nos | 1412.00 | Rupees one thousand four hundred twelve only | 1 No (Each) | 7060.00 |
| 7 | 110mm OD PVC 4 KSC pipes | 7 | Nos | 1579.00 | Rupees one thousand five hundred seventy nine only | 1 No (Each) | 11053.00 |
| 8 | 110mm OD PVC 6 KSC pipes | 4 | Nos | 1723.00 | Rupees one thousand seven hundred twenty three only | 1 No (Each) | 6892.00 |
| 9 | 140mm OD PVC 4 KSC pipes | 6 | Nos | 1772.00 | Rupees one thousand seven hundred seventy two only | 1 No (Each) | 10632.00 |
| 10 | 140mm OD PVC 6 KSC pipes | 4 | Nos | 1990.00 | Rupees one thousand nine hundred ninety only | 1 No (Each) | 7960.00 |
| 11 | 180 mm OD HDPE PN 6 pipes | 6 | Nos | 5438.00 | Rupees five thousand four hundred thirty eight only | 1 No (Each) | 32628.00 |
| 12 | 180 mm OD HDPE PN 8 pipes | 6 | Nos | 5442.00 | Rupees five thousand four hundred forty two only | 1 No (Each) | 32652.00 |
| 13 | 200 mm OD HDPE PN 6 pipes | 5 | Nos | 6288.00 | Rupees six thousand two hundred eighty eight only | 1 No (Each) | 31440.00 |
| 14 | 200 mm OD HDPE PN 8 pipes | 5 | Nos | 6526.00 | Rupees six thousand five hundred twenty six only | 1 No (Each) | 32630.00 |

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| 15 | 200 mm MS Pipes | 5 | Nos | 6357.00 | Rupees six thousand three hundred fifty seven only | 1 No (Each) | 31785.00 |
| 16 | 200mm DI k7 pipes | 3 | Nos | 4973.00 | Rupees four thousand nine hundred seventy three only | 1 No (Each) | 14919.00 |
| 17 | 80mm GI pipes | 1 | Nos | 710.00 | Rupees seven hundred ten only | 1 No (Each) | 710.00 |
| 18 | 50mm GI pipes | 1 | Nos | 453.00 | Rupees four hundred fifty three only | 1 No (Each) | 453.00 |
| iii) | Rewinding of Motors in pumping stations ied in the Electrical, Mechanical and Elctro-mechanical items to bring back the scheme / components into normal running condition as per specification including all labour charges, cost of materials and all incidental charges within the stipulated time limit etc., complete as specified in Clause 2.2.6 of General conditions of Contract Part II. | | | | | | |
| | Rewinding of burnout coil of stator in the motor of 35 HP OWS pumpset at Chinthlavadi HW including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 35000.00 | Rupees thirty five thousand only | 1Job (One Each) | 35000.00 |
| | Rewinding of burnout coil of stator in the motor of 35 HP OWS pumpset at Vayalur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 35000.00 | Rupees thirty five thousand only | 1Job (One Each) | 35000.00 |
| | Rewinding of burnout coil of stator in the motor of 3 HP OWS pumpset at Vayalur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 9325.00 | Rupees nine thousand three hundred twenty five only | 1Job (One Each) | 9325.00 |
| iv) | Carrying out the repair works occuring during the maintenance period in the Electrical, Mechanical and Elctro-mechanical items to bring back the scheme / components into normal running condition as per specification including all charges for dismantling, repair, reinstallation, conveyance, cost of materials and all other incidental charges within the stipulated time limit etc., complete as specified in Clause 2.8 of General conditions of Contract Part II.B74 | | | | | | |

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| i) | Repairing and reconditioning of 35 HP OWS pump at Chinthlavadi HW infiltration well including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 35000.00 | Rupees thirty five thousand only | 1Job (One Each) | 35000.00 |
| ii) | Repairing and reconditioning of 35 HP OWS pumpset at Vayalur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 35000.00 | Rupees thirty five thousand only | 1Job (One Each) | 35000.00 |
| iii) | Repairing and reconditioning of 3 HP OWS pumpset at Vayalur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete. | 1.00 | Job | 9325.00 | Rupees nine thousand three hundred twenty five only | 1Job (One Each) | 9325.00 |
| V) Head works at Chinthlavadi | | | | | | | |
| 1 | Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 110 Amps rating conforming to IS / IEC 60947 | 1.00 | Nos | 17041.00 | Rupees seventeen thousand forty one only | 1 No (Each) | 17041.00 |
| 2 | Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 25Amps rating conforming to IS / IEC 60947 | 1.00 | Nos | 3558.00 | Rupees three thousand five hundred fifty eight only | 1 No (Each) | 3558.00 |
| 3 | Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply | 1.00 | Nos | 1152.00 | Rupees one thousand one hundred fifty two only | 1 No (Each) | 1152.00 |
| 4 | Supply , delivery and fixing of timer | 1.00 | Nos | 3200.00 | Rupees three thousand two hundred only | 1 No (Each) | 3200.00 |
| 5 | Overload Relays: Directly operated Bimetallic Thermal overload relay which operates in case of overload and also in case of under voltage with manual and auto reset mode.50A - 75A | 1.00 | Nos | 4294.00 | Rupees four thousand two hundred ninety four only | 1 No (Each) | 4294.00 |
| 6 | Overload Relays: Directly operated Bimetallic Thermal overload relay which operates in case of overload and also in case of under voltage with manual and auto reset mode.10A - 20A | 1.00 | Nos | 1486.00 | Rupees one thousand four hundred eighty six only | 1 No (Each) | 1486.00 |
| 7 | Charges for removing the burnt power capacitor and labour charges for fixing the new 12 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials. | 1.00 | No. | 5532.00 | Rupees five thousand five hundred thirty two only | 1 No (Each) | 5532.00 |
| 8 | Charges for removing the burnt power capacitor and labour charges for fixing the new 2 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials. | 1.00 | No. | 922.00 | Rupees nine hundred twenty two only | 1 No (Each) | 922.00 |

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| 9 | Attending repair works in 150mm CI Sluice Valve pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials. | 1.00 | Nos | 2000.00 | Rupees two thousand only | 1 No (Each) | 2000.00 |
| 10 | Attending repair works in 80mm CI Sluice Valve pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials. | 1.00 | Nos | 2000.00 | Rupees two thousand only | 1 No (Each) | 2000.00 |
| 11 | Supply and delivery 16 Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter | 1.00 | m | 676.00 | Rupees six hundred seventy six only | 1 m (Running meter) | 676.00 |
| 12 | Supply and delivery 6 Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter | 1.00 | m | 251.00 | Rupees two hundred fifty one only | 1 m (Running meter) | 251.00 |
| VI Vayalur Booster station | | | | | | | 0.00 |
| 1 | Overload Relays: Directly operated Bimetallic Thermal overload relay which operates in case of overload and also in case of under voltage with manual and auto reset mode.30A - 50A | 1.00 | Nos | 2963.00 | Rupees two thousand nine hundred sixty three only | 1 m (Running meter) | 2963.00 |
| 2 | Overload Relays: Directly operated Bimetallic Thermal overload relay which operates in case of overload and also in case of under voltage with manual and auto reset mode.10A - 20A | 1.00 | Nos | 1486.00 | Rupees one thousand four hundred eighty six only | 1 No (Each) | 1486.00 |
| 3 | Charges for removing the burnt power capacitor and labour charges for fixing the new 12 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials. | 1.00 | No. | 5532.00 | Rupees five thousand five hundred thirty two only | 1 No (Each) | 5532.00 |
| 4 | Charges for removing the burnt power capacitor and labour charges for fixing the new 2 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials. | 1.00 | No. | 922.00 | Rupees nine hundred twenty two only | 1 No (Each) | 922.00 |
| 5 | Attending repair works in 100mm CI Sluice Valve pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials. | 1.00 | Nos | 2000.00 | Rupees two thousand only | 1 No (Each) | 2000.00 |

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| VII | Cleaning of all storage points like sumps, elevated reservoirs of various capacities available in this scheme including scrapping the inner side of compartment completely, scouring / dewatering / desilting using required machineries, materials, labour and all other incidental charges, application of bleaching powder/ solution etc complete. | | | | | | |
| i) | 0.10LL capacity of sump | 1 | Nos | 2510.00 | Rupees two thousand five hundred ten only | 1 No (Each) | 2510.00 |
| ii) | 0.15 LL capacity of sump | 1 | Nos | 2510.00 | Rupees two thousand five hundred ten only | 1 No (Each) | 2510.00 |
| iii) | 0.25LL capacity of sump | 1 | Nos | 2510.00 | Rupees two thousand five hundred ten only | 1 No (Each) | 2510.00 |
| iv) | 0.45LL capacity of sump | 1 | Nos | 2510.00 | Rupees two thousand five hundred ten only | 1 No (Each) | 2510.00 |
| | 0.70LL capacity of sump | 1 | Nos | 5103.00 | Rupees five thousand one hundred three only | 1 No (Each) | 5103.00 |
| | 2.50LL capacity of sump | 1 | No | 8999.00 | Rupees eight thousand nine hundred ninety nine only | 1 No (Each) | 8999.00 |
| VIII | Desilting light or sandy soil or silt from Infiltration well and baby well below water level including the charges for special tools & plants and air compressor etc complete | | | | | | |
| i) | 4.50 m Dia x10 Depth of Infiltration well | 1 | Nos | 23337.00 | Rupees twenty three thousand three hundred thirty seven only | 1 No (Each) | 23337.00 |
| | | | | | | | 3290755.44 |
| | Departmental value | | | | | | 3290755.00 |
| | Rupees thirty two lakh ninety thousand seven hundred fifty five only | | | | | | |

**I /WE agree to execute all the above components of work at
..... percentage excess/less over the Departmental Value mentioned above (the
percentage should be mentioned both in words and figures)
/True copy/-**