

SCHEDULE - A

NAME OF WORK : Outsourcing of Operation and Maintenance of CWSS to Aravakurichy and Pallapatty Town Panchayats of Karuur District and CWSS to K.Paramathy and 12 Fluoride and 13 enroute habitations in K.Paramathy and Karur Union of Karur District 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	
Outsourcing of Operation and Maintenance of CWSS to Aravakurichy and Pallapatty Town Panchayats of Karuur District							
1	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 .	1107.15	MLD	1520.6	Rupees one thousand five hundred twenty and paise sixty only	1MLD (One MLD Each)	1683532.29
2	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. <u>(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)</u>						
i)	600mm PSC Pipes	4	Nos	11906.00	Rupees eleven thousand nine hundred six only	1 No (Each)	47624.00
ii)	600mm MS Pipes	8	Nos	12400.00	Rupees twelve thousand four hundred only	1 No (Each)	99200.00
iii)	450mm PSC Pipes	10	Nos	11158.00	Rupees eleven thousand one hundred fifty eight only	1 No (Each)	111580.00
iv)	350mm PSC Pipes	12	Nos	8926.00	Rupees eight thousand nine hundred twenty six only	1 No (Each)	107112.00

3	<p>Attending Bursts 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 incidental charges, etc complete within the stipulated time limit as specified in Clause 2.2.5 of General conditions of Contract - Part II.</p> <p><u>(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 specification has to be mentioned under the clause 1.7 of GCC - Part-I)</u></p>						
i)	600mm PSC pipes of all Classes with required size of MS pipe	1	Nos	15478.00	Rupees fifteen thousand four hundred seventy eight only	1 No (Each)	15478.00
ii)	450mm PSC pipes of all Classes with required size of MS pipe	1	Nos	14505.00	Rupees fourteen thousand five hundred five only	1 No (Each)	14505.00
iii)	350mm PSC pipes of all Classes with required size of MS pipe	1	Nos	11604.00	Rupees eleven thousand six hundred four only	1 No (Each)	11604.00
#####	Rewinding of Motors in pumping stations ided 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.						
i)	Rewinding of burnout coil of stator in the motor of 125HP VT pumpset at Maravapalayam Collector Well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	97500.00	Rupees ninety seven thousand five hundred only	1Job (One Each)	97500.00
ii)	Rewinding of burnout coil of stator in the motor of 15HP OWS pumpset at Maravapalayam HW Infiltration Well 1/2 including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	19150.00	Rupees nineteen thousand one hundred fifty only	1Job (One Each)	19150.00
iii)	Rewinding of burnout coil of stator in the motor of 15HP OWS pumpset at Maravapalayam HW Infiltration Well 2/2 including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	19150.00	Rupees nineteen thousand one hundred fifty only	1Job (One Each)	19150.00
iv)	Rewinding of burnout coil of stator in the motor of 60HP OWS pumpset at Maravapalayam Collector Well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	59150.00	Rupees fifty nine thousand one hundred fifty only	1Job (One Each)	59150.00
v)	Rewinding of burnout coil of stator in the motor of 35HP HSC pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	35400.00	Rupees thirty five thousand four hundred only	1Job (One Each)	35400.00
vi)	Rewinding of burnout coil of stator in the motor of 20HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	24500.00	Rupees twenty four thousand five hundred only	1Job (One Each)	24500.00

Vii)	Rewinding of burnout coil of stator in the motor of 40HP HSC pumpset at Aravakurichi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	38100.00	Rupees thirty eight thousand one hundred only	1Job (One Each)	38100.00
5	Carrying out the repair works occurring during the maintenance period in the Electrical, Mechanical and Electro-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 2.2.6 of General conditions of Contract Part II.B74 <u>(The specifications for attending to repair / reconditioning works of pumpsets, panel boards, Valves, etc has to be detailed based on the data prepared and rate approval obtained for each items. The specification has to be mentioned under the clause 1.7 of GCC - Part- I)</u>						
i)	Repairing and reconditioning of 125HP VT pump at Maravapalayam HW Collector well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	2.00	Job	30500.00	Rupees thirty thousand five hundred only	1Job (One Each)	61000.00
ii)	Repairing and reconditioning pump of 15HP OWS pumpset at Maravapalayam HW Infiltration Well 1/2 including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	9500.00	Rupees nine thousand five hundred only	1Job (One Each)	9500.00
iii)	Repairing and reconditioning pump of 15HP OWS pumpset at Maravapalayam HW Infiltration Well 2/2 including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	9500.00	Rupees nine thousand five hundred only	1Job (One Each)	9500.00
iv)	Repairing and reconditioning pump of 35HP HSC pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	17900.00	Rupees seventeen thousand nine hundred only	1Job (One Each)	17900.00
v)	Repairing and reconditioning of 20HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	11500.00	Rupees eleven thousand five hundred only	1Job (One Each)	11500.00
vi)	Repairing and reconditioning of 40HP HSC pumpset at Aravakurichi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	20200.00	Rupees twenty thousand two hundred only	1Job (One Each)	20200.00
6	Head works at Maravapalayam						
i)	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
ii)	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
iii)	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. 20-30A	1.00	Nos	2152.00	Rupees two thousand one hundred fifty two only	1 No (Each)	2152.00
iv)	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

v)	Charges for removing the burnt power capacitor and labour charges for fixing the new 7KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1.00	No	3227.00	Rupees three thousand two hundred twenty seven only	1 No (Each)	3227.00
vi)	Charges for removing the burnt power capacitor and labour charges for fixing the new 6KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1.00	No	2766.00	Rupees two thousand seven hundred sixty six only	1 No (Each)	2766.00
Vii)	Supply and delivery of 500Amps porcelain fuse (500V) for arial board and pumphoom	1.00	Nos	2250.00	Rupees two thousand two hundred fifty only	1 No (Each)	2250.00
Viii)	Supply and delivery of 200Amps porcelain fuse (500V)	1.00	Nos	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
iX)	Supply and delivery of 63Amps porcelain fuse (500V)	1.00	Nos	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
X)	Supply and fixing of 63 Amps three phase 500 V 4 pole Change over switch	1.00	Nos	3225.00	Rupees three thousand two hundred twenty five only	1 No (Each)	3225.00
Xi)	Attending repair works in Soft Starter 125HP VT pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials.	1.00	Nos	28000.00	Rupees twenty eight thousand only	1 No (Each)	28000.00
Xii)	Supply and delivery 16Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter	5.00	m	676.00	Rupees six hundred seventy six only	1 RM (One running metre)	3380.00
Xiii)	Supply and delivery 25Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter	5.00	m	925.00	Rupees nine hundred twenty five only	1 RM (One running metre)	4625.00
7 K.Paramathi Booster station							0.00
i)	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
ii)	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
iii)	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. 20-30A	1.00	Nos	2152.00	Rupees two thousand one hundred fifty two only	1 No (Each)	2152.00
iv)	Supply and delivery of 500Amps porcelain fuse (500V) for arial board and pumphoom	1.00	Nos	2500.00	Rupees two thousand five hundred only	1 No (Each)	2500.00
v)	Supply and delivery of 200Amps porcelain fuse (500V)	1.00	Nos	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
vi)	Supply and delivery of 63Amps porcelain fuse (500V)	1.00	Nos	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
Vii)	Supply and fixing of 63 Amps three phase 500 V 4 pole Change over switch	1.00	Nos	3225.00	Rupees three thousand two hundred twenty five only	1 No (Each)	3225.00

Viii)	Attending repair works in Soft Starter of 35HP HSC pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials.	1.00	Nos	35000.00	Rupees thirty five thousand only	1 No (Each)	35000.00
iX)	Attending repair works in 250mm Sluice Valve pumpset including cost of all materials, labour charges etc. complete after adjusted the old scrap materials.	1.00	Nos	3500.00	Rupees three thousand five hundred only	1 No (Each)	3500.00
X)	Supply and delivery of Tyre coupling	2.00	Nos.	1250.00	Rupees one thousand two hundred fifty only	1 No (Each)	2500.00
8 Aravakurichi Booster station							0.00
i)	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
ii)	Supply , delivery and fixing of timer	2.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	6400.00
iii)	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. 150-200A	1.00	Nos	7565.00	Rupees seven thousand five hundred sixty five only	1 No (Each)	7565.00
iv)	Charges for removing the burnt power capacitor and labour charges for fixing the new 5KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1.00	No	2305.00	Rupees two thousand three hundred five only	1 No (Each)	2305.00
v)	Supply and delivery of 500Amps porcelain fuse (500V) for arial board and pumproom	1.00	Nos	2500.00	Rupees two thousand five hundred only	1 No (Each)	2500.00
vi)	Supply and delivery of 200Amps porcelain fuse (500V)	1.00	Nos	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
Vii)	Supply and delivery of 63Amps porcelain fuse (500V)	1.00	Nos	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
Viii)	Supply and fixing of 63 Amps three phase 500 V 4 pole Change over switch	1.00	Nos	3225.00	Rupees three thousand two hundred twenty five only	1 No (Each)	3225.00
iX)	Supply and delivery of Tyre coupling	2.00	Nos.	1250.00	Rupees one thousand two hundred fifty only	1 No (Each)	2500.00
9							
	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)	7.63LL capacity of sump	1	Nos	15450.00	Rupees fifteen thousand four hundred fifty only	1 No (Each)	15450.00
ii)	4.6LL capacity of sump	1	Nos	9800.00	Rupees nine thousand eight hundred only	1 No (Each)	9800.00

10	Supply and delivery of the following Electrical Works :Consumable items at the site of work to carryout the general maintenance works						
i)	Volt Meter	1	Nos	624.00	Rupees six hundred twenty four only	1 No (Each)	624.00
ii)	Ammeter	1	Nos	570.00	Rupees five hundred seventy only	1 No (Each)	570.00
iii)	20W 4 Feet LED fitting with LED	1	Nos	749.00	Rupees seven hundred forty nine only	1 No (Each)	749.00
iv)	30W LED Street Light Fitting with LED	1	Nos	1838.00	Rupees one thousand eight hundred thirty eight only	1 No (Each)	1838.00
	CWSS to K.Paramathy and 12 Fluoride and 13 enroute habitations in K.Paramathy and Karur Union of Karur District						
1	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protecton 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 .	155.55	MLD	4590.19	Rupees four thousand five hundred ninety and paise nineteen only	1MLD (One MLD Each)	714004.05
2	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. <u>(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)</u>						
i)	150mm AC Pipe	10	Nos	4160.00	Rupees four thousand one hundred sixty only	1 No (Each)	41600.00
ii)	160mm PVC Pipe	10	Nos	5185.00	Rupees five thousand one hundred eighty five only	1 No (Each)	51850.00
iii)	90mm PVC Pipe	25	Nos	1420.00	Rupees one thousand four hundred twenty only	1 No (Each)	35500.00

iv)	75mm PVC Pipe	15	Nos	1205.00	Rupees one thousand two hundred five only	1 No (Each)	18075.00
v)	63mm PVC Pipe	32	Nos	1020.00	Rupees one thousand twenty only	1 No (Each)	32640.00
3	Attending Bursts 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 incidental charges, etc complete within the stipulated time limit as specified in Clause 2.2.5 of General conditions of Contract - Part II.						
i)	150mm AC pipes of all Classes with required size of MS pipe	2	Nos	5408.00	Rupees five thousand four hundred eight only	1 No (Each)	10816.00
4a)	Rewinding of Motors in pumping stations in the Electrical, Mechanical and Electro-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.						
i)	Rewinding of burnout coil of stator in the motor of 20HP OWS pumpset at Maravapalayam Infiltration Well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	24500.00	Rupees twenty four thousand five hundred only	1Job (One Each)	24500.00
ii)	Rewinding of burnout coil of stator in the motor of 12.5HP OWS pumpset at Kuppam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	21400.00	Rupees twenty one thousand four hundred only	1Job (One Each)	21400.00
iii)	Rewinding of burnout coil of stator in the motor of 2HP OWS pumpset at Kuppam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	15200.00	Rupees fifteen thousand two hundred only	1Job (One Each)	15200.00
iv)	Rewinding of burnout coil of stator in the motor of 4HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	16400.00	Rupees sixteen thousand four hundred only	1Job (One Each)	16400.00
v)	Rewinding of burnout coil of stator in the motor of 3HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	15900.00	Rupees fifteen thousand nine hundred only	1Job (One Each)	15900.00
5	Carrying out the repair works occurring during the maintenance period in the Electrical, Mechanical and Electro-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 2.2.6 of General conditions of Contract Part II.B74 <u>(The specifications for attending to repair / reconditing works of pumpsets, panel boards, Valves, etc has to be detailed based on the data prepared and rate approval obtained for each items. The specification has to be mentioned under the clause 1.7 of GCC - Part- I)</u>						

i)	Reparing and reconditioning of 20HP OWS pump at Maravapalayam HW Infiltration well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	12400.00	Rupees twelve thousand four hundred only	1Job (One Each)	12400.00
ii)	Reparing and reconditioning pump of 12.5HP OWS pumpset at Kuppam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	9500.00	Rupees nine thousand five hundred only	1Job (One Each)	9500.00
iii)	Reparing and reconditioning pump of 4HP OWS pumpset at Kuppam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	6500.00	Rupees six thousand five hundred only	1Job (One Each)	6500.00
iv)	Reparing and reconditioning of 5HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	7600.00	Rupees seven thousand six hundred only	1Job (One Each)	7600.00
v)	Reparing and reconditioning of 4HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	6500.00	Rupees six thousand five hundred only	1Job (One Each)	6500.00
vi)	Reparing and reconditioning of 3HP OWS pumpset at K.Paramathi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	6200.00	Rupees six thousand two hundred only	1Job (One Each)	6200.00

6	Head works at Maravapalayam						
i)	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
ii)	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
7	Kuppam booster station						
	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
8	K.Paramathi Booster station						
i)	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
ii)	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
9	Cleaning of air 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						
i)	2.0LL capacity of sump	2	Nos	9800.00	Rupees nine thousand eight hundred only	1 No (Each)	19600.00
10	Supply and delivery of the following Electrical Works :Consumable items at the site of work to carryout the general maintenance works						
i)	Volt Meter	2	Nos	624.00	Rupees six hundred twenty four only	1 No (Each)	1248.00
ii)	Ammeter	2	Nos	570.00	Rupees five hundred seventy only	1 No (Each)	1140.00
iii)	20W 4 Feet LED fitting with LED	1	Nos	749.00	Rupees seven hundred forty nine only	1 No (Each)	749.00
iv)	30W LED Street Light Fitting with LED	1	Nos	1838.00	Rupees one thousand eight hundred thirty eight only	1 No (Each)	1838.00
Departmental value							3761500.54

Say as 3761501.00

Ruppes thirty seven lakhs sixty one thousand five hundred one 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/-