

SCHEDULE - A

NAME OF WORK : Operation and Maintenance of CWSS to 101 habitations in K.Paramathy and Karur unions 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	
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 .	402.60	MLD	6832.56	Rupees six thousand eight hundred thirty two and paise fifty six only	1MLD (One MLD Each)	2750788.66
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. <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 specification has to be mentioned under the clause 1.7 of GCC - Part- I)</i>						
i)	150mm AC Pipe	5	Nos	4160.00	Rupees four thousand one hundred sixty only	1 No (Each)	20800.00
ii)	140mm PVC Pipe	10	Nos	1980.00	Rupees one thousand nine hundred eighty only	1 No (Each)	19800.00
iii)	110mm PVC Pipe	8	Nos	1650.00	Rupees one thousand six hundred fifty only	1 No (Each)	13200.00
iv)	90mm PVC Pipe	5	Nos	1420.00	Rupees one thousand four hundred twenty only	1 No (Each)	7100.00
v)	75mm PVC Pipe	8	Nos	1205.00	Rupees one thousand two hundred five only	1 No (Each)	9640.00
vi)	63mm PVC Pipe	10	Nos	1020.00	Rupees one thousand twenty only	1 No (Each)	10200.00

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. <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>						
i)	150mm AC pipes of all Classes with required size of MS pipe	4	Nos	5408.00	Rupees five thousand four hundred eight only	1 No (Each)	21632.00
4a)	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.						
i)	Rewinding of burnout coil of stator in the motor of 30HP OWS pumpset at Maravapalayam Infiltration Well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	45785.00	Rupees forty five thousand seven hundred eighty five only	1Job (One Each)	45785.00
ii)	Rewinding of burnout coil of stator in the motor of 12.5HP Centrifugal pumpset at Nathamedu 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 5HP Centrifugal pumpset at Nathamedu Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	17800.00	Rupees seventeen thousand eight hundred only	1Job (One Each)	17800.00
iv)	Rewinding of burnout coil of stator in the motor of 10HP Centrifugal pumpset at Punnam Chatram Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	20800.00	Rupees twenty thousand eight hundred only	1Job (One Each)	20800.00
v)	Rewinding of burnout coil of stator in the motor of 5HP Centrifugal pumpset at Punnam Chatram Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	17800.00	Rupees seventeen thousand eight hundred only	1Job (One Each)	17800.00
vi)	Rewinding of burnout coil of stator in the motor of 2HP Centrifugal pumpset at N.Pudur 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
vii)	Rewinding of burnout coil of stator in the motor of 7.5HP Centrifugal pumpset at Karudayampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	18400.00	Rupees eighteen thousand four hundred only	1Job (One Each)	18400.00

4 b)	Carrying out the repair works occurring 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 2.2.6 of General conditions of Contract Part II.B74 <i>(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 specifictaion has to be mentioned under the clause 1.7 of GCC - Part- I)</i>						
i)	Repairing and reconditioning of 30HP OWS pump at Maravapalayam HW Infiltration well including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	14600.00	Rupees fourteen thousand six hundred only	1Job (One Each)	14600.00
ii)	Repairing and reconditioning of 12.5HP Centrifugal pump at Nathamedu 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)	Repairing and reconditioning of 5HP Centrifugal pump at Nathamedu 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
iv)	Repairing and reconditioning of 10HP Centrifugal pump at Karudayampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	8900.00	Rupees eight thousand nine hundred only	1Job (One Each)	8900.00
v)	Repairing and reconditioning of 5HP Centrifugal pump at Athipalayam Pudur 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
vi)	Repairing and reconditioning pump of 7.5HP Centrifugal pump at Karudayampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1.00	Job	8150.00	Rupees eight thousand one hundred fifty only	1Job (One Each)	8150.00
5 Electrical Works							
1	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32Amps rating conforming to IS / IEC 60947	1.00	Nos	4343.00	Rupees four thousand three hundred forty three only	1 No (Each)	4343.00
2	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
3	Supply , delivery and fixing of timer	1.00	Nos	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
4	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

5	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
6	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
7	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
8	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
9	Supply and delivery 16Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter	4.00	m	676.00	Rupees six hundred seventy six only	1 RM (One running metre)	2704.00
10	Supply and delivery 25Sqmm PVC Insulated and Sheathed 3 Core flat type copper cable Conforming to IS 694/1990 and as amended thereafter	4.00	m	925.00	Rupees nine hundred twenty five only	1 RM (One running metre)	3700.00
11	Supply and delivery of Tyre coupling	1.00	Nos.	1250.00	Rupees one thousand two hundred fifty only	1 No (Each)	1250.00
6	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.						
	5.0LL capacity of sump	1	Nos	19400.00	Rupees nineteen thousand four hundred only	1 No (Each)	19400.00
	1.50LL capacity of sump	1	Nos	9800.00	Rupees nine thousand eight hundred only	1 No (Each)	9800.00
	0.60LL capacity of sump	1	Nos	6800.00	Rupees six thousand eight hundred only	1 No (Each)	6800.00
	0.30LL capacity of sump	1	Nos	5600.00	Rupees five thousand six hundred only	1 No (Each)	5600.00

	0.10LL capacity of sump	1	Nos	4800.00	Rupees four thousand eight hundred only	1 No (Each)	4800.00
7	Desilting light or sandy soil or silt from Infiltration well below water level including the charges for radial arm cleaning, cleaning chemicals, special tools & plants and air compressor etc complete						
a	Flow Diversion for diversion of river water during lean flow period from the water flow region by creating trench of required size including cost of machinery, labour, fuel required etc., complete as directed by TWAD Board officer	58	m	1060.00	Rupees one thousand sixty only	1 RM (One running metre)	61480.00
8	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	2	Nos	749.00	Rupees seven hundred forty nine only	1 No (Each)	1498.00
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						3206132.06
						Say as	3206132.00
	Rupees thirty two lakh six thousand one hundred thirty two and paise 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/-