

EE 1-1

SCHEDULE - A

Name of Works : Operation and Maintenance of Coimbatore Water Supply Augmentation Scheme with Siruvni as Source (Coimbatore Corporation Part), Kurichi, Kuniyamuthur and Kavundampalayam, 9 Town Panchayats and 28 Rural habitations in Thondamuthur Union in Coimbatore District for a period of Ten Months from 01.06.2022 to 31.03.2023

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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 carrying out the O&M as per standard operating procedures, Acts and rules in force 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 .	30826.00	1 MLD	95.60	Rupees Ninety five and Paise Sixty Only	2946965.60
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 2.6.4 of General conditions of Contract - Part II.					
	AC PIPES					
a	80mm AC pipes Collar Joint Leak	2.00	Nos	2838.00	(Rupees two thousand Eight hundred and thirty eight only)	5676.00
b	100mm AC pipes Collar Joint Leak	2.00	Nos	3170.00	(Rupees Three thousand one hundred and seventy only)	6340.00
c	125mm AC pipes Collar Joint Leak	1.00	No	3206.00	(Rupees Three thousand two hundred and six only)	3206.00
d	150mm AC pipes Collar Joint Leak	2.00	Nos	3218.00	(Rupees Three thousand two hundred and eighteen only)	6436.00

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
e	250mm AC pipes Collar Joint Leak	2.00	Nos	3544.00	(Rupees Three thousand five hundred and forty four only)	7088.00
	CI PIPES					
a	500mm CI pipes Collar Joint Leak	2.00	Nos	8426.00	(Rupees eight thousand four hundred and twenty six only)	16852.00
b	350mm CI pipes Collar Joint Leak	2.00	Nos	6453.00	(Rupees six thousand four hundred and fifty three only)	12906.00
c	250mm CI pipes Collar Joint Leak	2.00	Nos	5666.00	(Rupees Five thousand Six hundred and sixty six only)	11332.00
d	200mm CI pipes Collar Joint Leak	2.00	Nos	5133.00	(Rupees Five thousand one hundred and thirty three only)	10266.00
	PSC PIPES					
a	1000 mm PSC Line inside the Corporation Areas	2.00	Nos	26905.00	(Rupees twenty six thousand nine hundred and five only)	53810.00
b	1000 mm PSC Line inside the Reserve forest Areas	2.00	Nos	26717.00	(Rupees twenty six thousand seven hundred and seventeen only)	53434.00
c	1000 mm PSC Line Outside the Reserve forest Areas	2.00	Nos	23799.00	(Rupees twenty three thousand seven hundred and ninety nine only)	47598.00
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. (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)					

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
	AC PIPES					
a	80mm AC pipes Centre crack (0.60M Pipe using with C.I.D Joint)	2.00	Nos	4439.00	(Rupees four thousand four hundred and thirty nine only)	8878.00
b	100mm AC pipes Centre crack (0.60M Pipe using with C.I.D Joint)	1.00	Nos	4841.00	(Rupees four thousand eight hundred and forty one only)	4841.00
c	125mm AC pipes Centre crack (0.60M Pipe using with C.I.D Joint)	1.00	Nos	5725.00	(Rupees five thousand seven hundred and twenty five only)	5725.00
d	150mm AC pipes Centre crack (0.60M Pipe using with C.I.D Joint)	1.00	Nos	6504.00	(Rupees six thousand five hundred and four only)	6504.00
e	250mm AC pipes Centre crack (0.60M Pipe using with C.I.D Joint)	1.00	Nos	8315.00	(Rupees Eight thousand three hundred and fifteen only)	8315.00
	CI PIPES					
a	500mm CI pipes Centre crack (5.00 M Pipe using with Mechanical Joint)	1.00	Nos	112680.00	(Rupees one lakh twelve thousand six hundred and eighty only)	112680.00
b	350mm CI pipes Centre crack (5.00 M Pipe using with Mechanical Joint)	1.00	Nos	68991.00	(Rupees sixty eight thousand nine hundred and ninety one only)	68991.00
c	250mm CI pipes Centre crack (5.00 M Pipe using with Mechanical Joint)	1.00	Nos	42401.00	(Rupees forty two thousand four hundred and one only)	42401.00
d	200mm CI pipes Centre crack (5.00 M Pipe using with Mechanical Joint)	1.00	No	33325.00	(Rupees thirty three thousand three hundred and twenty five only)	33325.00
	PSC PIPES					
a	1000 mm PSC Line inside the Corporation Areas	1.00	Nos	26905.00	(Rupees twenty six thousand nine hundred and five only)	26905.00

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
b	1000 mm PSC Line inside the Reserve forest Areas	1.00	Nos	26717.00	(Rupees twenty six thousand seven hundred and seventeen only)	26717.00
c	1000 mm PSC Line Outside the Reserve forest Areas	1.00	Nos	23799.00	(Rupees twenty three thousand seven hundred and ninety nine only)	23799.00
	MATERIALS					
	Supply and Delivery of MS cut barrel of ID 1050 mm & OD 1070 mm and specials without inside lining and outside coating but with anti rust painting as per IS 14589-1999 for delivery at TWAD Campus, Siruvani Nagar, Coimbatore.	1097.37	Kg	114.00	(Rupees one hundred and fourteen only)	125100.18
4	Rewinding of Motors in pumping stations 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.					
	Labour Charges for rewinding the following pumpsets with first class insulation wire (with minium one year Guarantee) including removal of burnt coil, servicing the motor, replacing of bush, bearings, shaft etc, replacing the worn out parts reconditioning of rotor etc, including testing commissioning conveyance charges etc, complete and after deducting the old Scarp materials and as directed by the TWAD Board Officers					
	Above 5.0HP to upto 7.50 HP Open well Submersible pumpsets including all material, labour etc	1.00	Nos	7000.00	(Rupees seven thousand only)	7000.00
	Supply delivery and labour charges of rewinding materials suitable for 50 HP Wash water motor unit I and Unit II at WTP Siruvani Adivaram	1.00	Nos	42016.00	(Rupees forty two thousand and sixteen rupees only)	42016.00
	labour charges of rewinding and re-erection of 50 HP Wash water motor unit I and Unit II at WTP Siruvani Adivaram	1.00	Nos	23258.00	(Rupees Twenty three thousand two hundred and fifty eight only)	23258.00

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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 (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)					
	Removing the wornout ball bearing No:22212 CAC 3N33 - 2 Nos in the Clariflocculator Bridge and replacing with new ball bearing - 2 Nos in the gear wheel of Clariflocculator Unit - I & Unit - II at Water Treatment plant at Siruvani Adivaram including gas cutting and welding in the providing sleeves in the shaft (Salvage : Value of Worn out Bearings etc,) etc, complete and as directed by the TWAD Board officers	2.00	Jobs	22300.00	(Rupees twenty two thousand and three hundred only)	44600.00
6	Cleaning of all storage points like sumps, elevated reservoirs of various capacities available in this scheme at a frequency of once in two months 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.					
a	0.10LL capacity of sump	2.00	Nos	2723.00	Rupees two thousand seven hundred and twenty three only)	5446.00
b	0.20LL capacity of sump	2.00	Nos	2982.00	Rupees two thousand nine hundred and eighty two only)	5964.00

Sl. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
7	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works					
a	Bulbs (LED / Tube / Incandescent / others)	20.00	Nos	2502.00	Rupees two thousand five hundred and two only)	50040.00
b	choke	10.00	Nos	450.00	Rupees four hundred and fifty only)	4500.00
c	12.50 HP Starter (Star Delta)	2.00	Nos	22991.00	Rupees twenty two thousand nine hundred and ninety one only)	45982.00
d	15 HP Starter (Star Delta)	3.00	Nos	23938.00	Rupees twenty three thousand nine hundred and thirty eight one only)	71814.00
					Total	3,976,710.78

(Rupees Thirty Nine Lakhs seventy six Thousand seven Hundred Ten and Paise seventy Eight only)

I/We, hereby agree to execute the

above item of work at % excess over / less then the value mentioned above.

1. The percentage filled by the contractor both in figures and words by using two decimal only .
2. If there is any discrepancy in percentage quoted in words and in figures, the lowest of the two will be considered.
3. If no percentage is quoted, the workers value will be taken as quoted price
4. If the contractor failed to score out the word either excess or less. The word less alone will be taken into consideration.