

SCHEDULE - A

NAME OF WORK : Outsourcing for Operation and Maintenance of CWSS to 159 rural habitations in Thoothukudi District including repair and rectification for the period from 6/2022 to 03/2023 (10 Months)

S. No.	Description of Work	Quantity	Specification	Unit	Rate in (in Rs.)		Amount (in Rs.)
					in Figures	in Words	
1	Operation and Maintenance of Cwss to 159 Rural habitations in Thoothukudi District to all beneficiaries equitably for the period of 01.06.2022 to 31.03.2023 as directed by TWAD Board Officials, including supply of Designed / Earmarked quantity of potable quality water to all habitations / beneficiaries totally 2.16 MLD as per the Annexure - E1 after all transmission losses by carrying out the following works including protection of all scheme components from damages/ theft and on occurrence of the above, taking legal action required under intimation to TWAD officials in writing and followup and furnishing periodical reports to EE/TWAD concerned : Totally 624.24 ML		special specification				
	Provision of contractors owned outsourcing personnel with required qualification and numbers as mentioned in the Annexure - F3 to perform the mandatory duties specified in the Annexure - 1A in General conditions of Contract - Clause 1.3 Part I and submission of all required Data/Reports specified in Annexure - 1A General conditions of Contract - Clause 1.3 Part I etc., complete.	624.24		ML	3593.99	Rupees Three thousand five hundred niety three and ninety nine paise only	2243515.08
	Attending collar Leaks occurred in all the size, class and material of pipes in all the pipelines of this CWSS for the following items round the clock as per the standard specifications including earthwork excavation ,removal of slushy soil , labour charges, civil works, cost of materials, dewatering , genset, welding unit,and providing night lamps, barrigading arrangements, caution sign boards ,trafic diversion arrangements and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.8 of General conditions of Contract Part II.and as directed by TWAD Board officers						
	Earth work excavation and depositing on bank in hard stiff clay, stiff black cotton soil, hard red earth, shales, murrums, ordinary gravel stoney earth mixed with small sized boulders etc., for leak rectification works for the following sizes of PSC pipes with standard trench width and depth etc., complete and as directed by the TWAD Board officers.						
	For AC Pipes of various classes	51.629		m3	483.00	Rupees four hundred eighty three only	24936.81
2	Supply and delivery of lead wool as per sample including loading, umloading and transportation charges etc. complete and as directed by TWAD Bd. Officers						
	200 mm AC of Various Classes	14.00		kg	380.00	Rupees three hundred eighty only	5320.00
	250 mm AC of Various Classes	21.00		kg	380.00	Rupees three hundred eighty only	7980.00

3	Supply and delivery of Hard crete oil as per sample including loading, umloading and transportation charges etc. complete and as directed by TWAD Bd. Officers						
	200 mm AC of Various Classes	7.00		lit	105.00	Rupees one hundred five only	735.00
	250 mm AC of Various Classes	14.00		lit	105.00	Rupees one hundred five only	1470.00
	Supply and delivery of cement						
	200 mm AC of Various Classes	21.00		kg	5.96	Rupees five and paise ninety six only	125.16
	250 mm AC of Various Classes	35.00		kg	5.96	Rupees five and paise ninety six only	208.60
4	Dewatering using 5HP diesel engine pumpset including Hire charges, cost of Diesel, Engine oil, pump operator, labour charges, conveyance of pumpset and fuel to site and back, loading, unloading and any other incidental charges etc., complete. And as direc						
	200 mm AC of Various Classes	21.00		hrs	296.50	Rupees two hundred ninety six and paise fifty only	6226.50
	250 mm AC of Various Classes	28.00		hrs	296.50	Rupees two hundred ninety six and paise fifty only	8302.00
5	Refilling with excavated soil (other than sand)complying with standard specification in layers of 15cm watered well rammed and consolidated after the pipes and specials are laid,jointed and tested etc. and removing and depositing the surplus earth at the						
	For AC Pipes of various classes	51.629		m3	33.60	Rupees thirty three and paise sixty only	1734.73
6	Attending Leaks occurred in all the size, class and material of pipes in all the pipelines of this CWSS for the following items <i>with MS Clampsets</i> round the clock as per the standard specifications including earthwork excavation, removal of slushy soi, labour charges, civil works, cost of materials, dewatering , and providing night lamps, barrigading arrangements, caution sign boards ,traffic diversion arrangements and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.8 of General conditions of Contract Part II.and as directed by TWAD Board officers.						
	Earth work excavation and depositing on bank in hard stiff clay, stiff black cotton soil, hard red earth, shales, murrams, ordinary gravel stoney earth mixed with small sized boulders etc., for leak rectification works for the following sizes of AC						
	For AC Pipes of various classes	90.381		m3	483.00	Rupees four hundred eighty three only	43654.02
7	Supply and delivery of Leak Arresting Flexible MS Clamps Suitable width of the clamps to be decided by the engineer incharge at site depending on the nature of pipe crack.						

	For 200 mm AC Class 15 Pipe	8.00		Nos	2013.52	Rupees two thousand thirteen and paise fifty two only	16108.16
	For 250 mm AC Class 15 Pipe	8.00		Nos	2395.26	Rupees two thousand three hundred ninety five and paise twenty six only	19162.08
8	Dewatering using 5HP diesel engine pumpset including Hire charges, cost of Diesel, Engine oil, pump operator, labour charges, conveyance of pumpset and fuel to site and back, loading, unloading and any other incidental charges etc., complete. And as direc						
	200 mm AC Class 15	16.00		hrs	296.50	Rupees two hundred ninety six and paise fifty only	4744.00
	250 mm AC Class 15	24.00		hrs	296.50	Rupees two hundred ninety six and paise fifty only	7116.00
9	Refilling with excavated soil (other than sand)complying with standard specification in layers of 15cm watered well rammed and consolidated after the pipes and specials are laid,jointed and tested etc. and removing and depositing the surplus earth at the						
	For AC Pipes of various classes	90.38		m3	33.60	Rupees thirty three and paise sixty only	3036.80
10	Attending burst occurred in all the size, class and material of pipes in all the pipelines of this CWSS for the following items <i>with replacing the pipes</i> round the clock as per the standard specifications including earthwork excavation ,removal of slushy soil , labour charges, civil works, cost of materials, dewatering , genset, welding unit,and providing night lamps, barrigading arrangements, caution sign boards ,traffic diversion arrangements and all other incidental charges, etc complete within the stipulated time limit as specified in Clause 2.8 of General conditions of Contract Part II.and as directed by TWAD Board officers						
	Earth work excavation and depositing on bank in hard stiff clay, stiff black cotton soil, hard red earth, shales, murrums, ordinary gravel stoney earth mixed with small sized boulders etc., for leak rectification works for the following sizes of AC						
	For PVC Pipes of various classes	102.229		m3	96.60	Rupees ninety six and paise sixty only	9875.32
	For AC Pipes of various classes	14.338		m3	96.60	Rupees ninety six and paise sixty only	1385.05

11	Supply and delivery of the following sizes of pipes and specials confirming to IS other specifications as amended from time to time with ISI marking as specified in ISI and having the required working pressure and delivery at site of work including loading, unloading, freight, stacking and transit, insurance charges, etc., complete and as directed by TWAD Board officers.						
	50mm PVC 6KSC	6.00		m	69.50	Rupees sixty nine and paise fifty only	417.00
	63mm PVC 4KSC	12.00		m	78.50	Rupees seventy eight and paise fifty only	942.00
	75mm PVC 4KSC	1.00		m	109.00	Rupees one hundred nine only	109.00
	90mm PVC 4 KSC	8.00		m	151.00	Rupees one hundred fifty one only	1208.00
	110mm PVC 4KSC	8.00		m	216.50	Rupees two hundred sixteen and paise fifty only	1732.00
	140mm PVC 4KSC	6.00		m	357.50	Rupees three hundred fifty seven and paise fifty only	2145.00
	150 mm DI K7 Class	2.00		m	1615.00	Rupees one thousand six hundred fifteen only	3230.00
	200 mm DI K7 Class	2.00		m	2120.00	Rupees two thousand one hundred twenty only	4240.00
	250 mm DI K7 Class	2.00		m	2797.00	Rupees two thousand seven hundred ninety seven only	5594.00
12	Supply and delivery of following sizes of Specials conforming to IS specifications at site of work including loading, unloading, transportation, insurance, etc., Complete and as directed by TWAD Bd. officers.						
	50 mm PVC Coupler Fabricated 6 KSC	12.00		Nos	10.00	Rupees ten only	120.00
	63 mm PVC Coupler Fabricated 4 KSC	24.00		Nos	22.00	Rupees twenty two only	528.00
	75 mm PVC Coupler Fabricated 4 KSC	2.00		Nos	34.00	Rupees thirty four only	68.00
	90 mm PVC Coupler Fabricated 4 KSC	16.00		Nos	50.00	Rupees fifty only	800.00
	110 mm PVC Coupler Fabricated 4 KSC	16.00		Nos	77	Rupees seventy seven only	1232.00

	140 mm PVC Coupler Fabricated 4 KSC	12.00		Nos	166.00	Rupees one hundred sixty six only	1992.00
	150mm MJ Collars for DI pipe	1.00		Nos	4061.00	Rupees four thousand sixty one only	4061.00
	200mm MJ Collars for DI pipe	1.00		Nos	5300.00	Rupees five thousand three hundred only	5300.00
	250mm MJ Collars for DI pipe	1.00		Nos	7378.00	Rupees seven thousand three hundred seventy eight only	7378.00
13	Removing following the burst Pipes from the pipe line and removal of slushy soil and baling out water and replacing the pipe line with sound pipe including jointing and cost of refilling the pipe line with water for retesting the pipe line etc complete (excluding cost of sound pipe and jointing materials and earth work) and as directed by the TWAD Board Officers						
	50mm PVC 6KSC	6.00		Nos	329.95	Rupees three hundred twenty nine and paise ninety five only	1979.70
	63mm PVC 4KSC	12.00		Nos	329.95	Rupees three hundred twenty nine and paise ninety five only	3959.40
	75mm PVC 4KSC	1.00		Nos	414.39	Rupees four hundred fourteen and paise thirty nine only	414.39
	90mm PVC 4 KSC	8.00		Nos	551.77	Rupees five hundred fifty one and paise seventy seven only	4414.16
	110mm PVC 4KSC	8.00		Nos	669.95	Rupees six hundred sixty nine and paise ninety five only	5359.60
	140mm PVC 4KSC	6.00		Nos	981.01	Rupees nine hundred eighty one and paisa one only	5886.06
	200 mm dia AC Class 15 Pipe	1.00		Nos	1728.05	Rupees one thousand seven hundred twenty eight and paise five only	1728.05
	250 mm dia AC Class 15 Pipe	1.00		Nos	2210.08	Rupees two thousand two hundred ten and paise eight only	2210.08

14	Carrying out the following 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 standard specification including all labour charges, cost of materials and all incidental charges within the stipulated time limit etc., complete as specified in Clause 2.8 of General conditions of Contract Part II etc as directed by TWAD Board officers						
	Rewinding of motor and reconditioning pump and repair works to 5 HP Open Well Submersible Pump Set (513 LPM X 13 M) including cost of all material ,conveyance ,labour charges for removing and re-erection of Submersible pumpset at Subramaniapuram Head W	2		Nos	25700.00	Rupees twenty five thousand seven hundred only	51400.00
	Rewinding of motor and reconditioning pump and repair works to 25 HP Centrifugal HSC Pump Set (2052 LPM X 38 M) including cost of all material ,conveyance ,labour charges for removing and re-erection of Submersible pumpset at Subramaniapuram Head Works	1		Nos	32000.00	Rupees thirty two thousand only	32000.00
	Rewinding of motor and reconditioning pump and repair works to 4 HP Open Well Submersible Pump Set (125 LPM X 56 M) including cost of all material ,conveyance ,labour charges for removing and re-erection of Submersible pumpset at Athinathapuram to Chin	1		Nos	23500.00	Rupees twenty three thousand five hundred only	23500.00
	Rewinding of motor and reconditioning pump and repair works to 2 HP Open Well Submersible Pump Set (94 LPM X 22 M) including cost of all material ,conveyance ,labour charges for removing and re-erection of Submersible pumpset at Athinathapuram to Sengu	1		Nos	19300.00	Rupees nineteen thousand three hundred only	19300.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (114 lpm x 18 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Thirukkalur to Nadu	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (66 lpm x 28 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Thirukkalur to Mudal	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 5 HP Open Well Submersible Pump set (119 lpm x 34 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Camballabad to Kura	1		Nos	25700.00	Rupees twenty five thousand seven hundred only	25700.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (274 lpm x 32 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Camballabad to Mook	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00

	Rewinding of motor and reconditioning pump and repair works to 5 HP Open Well Submersible Pump set (214 lpm x 36 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Kurumbur to pattaka	1		Nos	25700	Rupees twenty five thousand seven hundred only	25700.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (140 lpm x 32 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Kurumbur to Nalumav	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (153 lpm x 18 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Kurumbur to Suganth	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (135 lpm x 29 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Kurumbur to Sethukk	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (210 lpm x 22 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Kurumbur to Veerama	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 10 HP centrifugal Pump set (960 lpm x 22 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Ammanpuram sump Poochikadu -	1		Nos	23200.00	Rupees twenty three thousand two hundred only	23200.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (126 lpm x 22 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at Ammanpuram to Moola	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (90 lpm x 21 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at S.S. Koil to Pallipa	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (124 lpm x 25 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at S.S Koil to Nadunal	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 7.5 HP Open Well Submersible Pump set (624 lpm x 35 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at S.S Koil to Vella	1		Nos	28800.00	Rupees twenty eight thousand eight hundred only	28800.00

	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (127 lpm x 22 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at S.S. Koil to Theri	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
	Rewinding of motor and reconditioning pump and repair works to 3 HP Open Well Submersible Pump set (124 lpm x 25 m Head) including cost of all material ,conveyance ,labour charges for removing and re-erection of Monobloc Pump set at S.S. Koil to Keela	1		Nos	23100.00	Rupees twenty three thousand one hundred only	23100.00
15	Repair/ reconditioning						
	Repair and reconditioning works in 25 HP HSC centrifugal Pump (2052 lpm x 38 m Head) including cost of all material exluding Bronze impeller ,conveyance ,labour charges for removing and re-erection of centrifugal HSC Pump at Subramaniapuram Head Works sump - 2 Nos	1		Nos	22000.00	Rupees twenty two thousand only	22000.00
	Repair and reconditioning works in 10 HP HSC centrifugal Pump (960 lpm x 22 m Head) including cost of all material exluding Bronze impeller ,conveyance ,labour charges for removing and re-erection of centrifugal HSC Pump at Ammanpuram to Poochikadu - 2 Nos	1		Nos	15400.00	Rupees fifteen thousand four hundred only	15400.00
16	Repair and reconditioning of starter						
	Supply and delivery of 9 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	827.00	Rupees eight hundred twenty seven only	827.00
	Supply and delivery of 12 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	961.00	Rupees nine hundred sixty one only	961.00
	Supply and delivery of 18 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	1656.00	Rupees one thousand six hundred fifty six only	1656.00
	Supply and delivery of 25 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	3558.00	Rupees three thousand five hundred fifty eight only	3558.00
	Supply and delivery of 32 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	6		Nos	4343.00	Rupees four thousand three hundred forty three only	26058.00
	Supply and delivery of 40 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	4519.00	Rupees four thousand five hundred nineteen only	4519.00
	Supply and delivery of 45 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	5588.00	Rupees five thousand five hundred eighty eight only	5588.00
	Supply and delivery of 140 Amps\440V Electro magnetic Contactors Suitable for Starter in AC Three Phase rating Conforming to IS/IEC 60947-4-1	1		Nos	22490.00	Rupees twenty two thousand four hundred ninety only	22490.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 5A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	1311.00	Rupees one thousand three hundred eleven only	1311.00

	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 5A-10A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	1321.00	Rupees one thousand three hundred twenty one only	1321.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 10A-20A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	1486.00	Rupees one thousand four hundred eighty six only	1486.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 20A-30A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	2152.00	Rupees two thousand one hundred fifty two only	2152.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 30A-50A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	2963.00	Rupees two thousand nine hundred sixty three only	2963.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 50A-75A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	4294.00	Rupees four thousand two hundred ninety four only	4294.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 75A-110A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	6348.00	Rupees six thousand three hundred forty eight only	6348.00
	Supply and delivery of Directly operated Bimetallic Thermal overload relay Upto 200A-300A which operates in case of overload and also in case of under voltage with manual and auto reset mode	1		Nos	10357.00	Rupees ten thousand three hundred fifty seven only	10357.00
17	Electric Motor protection device against single phasing. The device should protect the motor against single phasing, reverse phasing and unbalance supply. The device should be suitable for any device and have provisions for mounting in panel boards. Opera	1		Nos	1152.00	Rupees one thousand one hundred fifty two only	1152.00
	Electric Motor protection device against dry running. The device should protect the motor against Dry running. The device should be suitable for any device and have provisions for mounting in panel boards. Operate without need of any auxiliary supply	1		Nos	1613.00	Rupees one thousand six hundred thirteen only	1613.00
18	Supply and delivery of direct online starter conforming to IS13947 and IEC60947-1 suitable KW rating for operation in AC/ three Phase/50HZ(+/- 5%) and 415V (+/- 10%) including Ammeter, Overload relay, under Voltage release with no Volt coil, Air Break contactors suitable for next Standard higher KW rating, Single phasing preventor, dry running preventor and On/Off Push button switches, including the capacitor(the cost of capacitor is to be taken separately).						
	For 5 HP Starter - 2 Nos	1		Nos	14492.00	Rupees fourteen thousand four hundred ninety two only	14492.00
	Attending cable fault by replacing the cable 4 Nos of IW						
19	Supply, delivery of 1.1 KV Grade 3 core 35 Sq. mm PVC insulated and steel Armoured aluminium cable as per I.S.7098 for following Wells submersible motor to main panel board.35 sqmm Aluminum armoured cable for 7 Nos of IW Including standby pumpset	500.00		M	184.00	Rupees one hundred eighty four only	92000.00

20	Laying of 1.1 KV Grade 3 core 35 Sq. mm PVC insulated steel Armoured aluminium cable as per I.E. rules to be laid in between Well Submersible motor and main panel board.35 sqmm Aluminum armoured cable for 7 Nos of IW Including standby pumpset	500.00		M	160.00	Rupees one hundred sixty only	80000.00
21	Jonting the 1.1KV grade 3 Core 35 SQ mm PVC Insulated Steel armoured aluminum cable as per I E Rules including Jointing materials etc complete directed by the TWAD Board officers. 35 sq.mm cable for 7 Nos.of infiltration wells	100.00		Nos	183.00	Rupees one hundred eighty three only	18300.00
22	Replacement of 32-400 Amps 4 Pole MCCB Switch in the Head works and other pumphooms						
	63 Amps 4 Pole MCCB	1		Nos	12788.00	Rupees twelve thousand seven hundred eighty eight only	12788.00
	32 Amps 4 Pole MCCB	1		Nos	12788.00	Rupees twelve thousand seven hundred eighty eight only	12788.00
	160 Amps 4 Pole MCCB	1		Nos	20658.00	Rupees twenty thousand six hundred fifty eight only	20658.00
23	Replacement of 32-400 Amps 3 Pole MCCB Switch in the Head works and other pumphooms						
	32 Amps 3 Pole MCCB Switch	1		Nos	10329.00	Rupees ten thousand three hundred twenty nine only	10329.00
	63 Amps 3 Pole MCCB Switch	1		Nos	10329.00	Rupees ten thousand three hundred twenty nine only	10329.00
	100 Amps 3 Pole MCCB Switch	1		Nos	10329.00	Rupees ten thousand three hundred twenty nine only	10329.00
	200 Amps 3 Pole MCCB Switch	1		Nos	29511.00	Rupees twenty nine thousand five hundred eleven only	29511.00
24	Repairing/ reconditioning of Sluice valve (for line valve/ for Scour valve) including all material, labour (Specify type of sluice valve and type of repair to be carried out)						
	50 mm CI Sluice valve	1		Nos	1550.00	Rupees one thousand five hundred fifty only	1550.00
	50 mm CI NRV valve	1		Nos	1500.00	Rupees one thousand five hundred only	1500.00
	50 mm Air valve	1		Nos	1500.00	Rupees one thousand five hundred only	1500.00
	40 mm Air valve	1		Nos	1250.00	Rupees one thousand two hundred fifty only	1250.00

	80 mm CI Sluice valve	1		Nos	2200.00	Rupees two thousand two hundred only	2200.00
	80 mm CI NRV valve	1		Nos	2500.00	Rupees two thousand five hundred only	2500.00
	100 mm CI Sluice valve	1		Nos	2750.00	Rupees two thousand seven hundred fifty only	2750.00
	100 mm CI NRV valve	1		Nos	3000.00	Rupees three thousand only	3000.00
	150 mm CI Sluice valve	1		Nos	3500.00	Rupees three thousand five hundred only	3500.00
	150 mm CI NRV valve	1		Nos	4000.00	Rupees four thousand only	4000.00
	200 mm CI Sluice valve	1		Nos	4250.00	Rupees four thousand two hundred fifty only	4250.00
	200 mm CI NRV valve	1		Nos	6000.00	Rupees six thousand only	6000.00
	200 mm DI NRV valve	1		Nos	6000.00	Rupees six thousand only	6000.00
	200 mm DI Sluice valve	1		Nos	6000.00	Rupees six thousand only	6000.00
25	Supply, delivery and fixing of following size of Gate valves in OHT's						
	50 mm Gate valve	1		Nos	2062.00	Rupees two thousand sixty two only	2062.00
	65 mm Gate valve	1		Nos	3157.00	Rupees three thousand one hundred fifty seven only	3157.00
	80 mm Gate valve	1		Nos	5113.00	Rupees five thousand one hundred thirteen only	5113.00
	Supply and delivery Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415/440V 50 HZ conforming to ISS:2834 with ISI marking	43.00		KVAR	315.00	Rupees three hundred fifteen only	13545.00

26	Removal of sediments and deposition of sludge, silt, Particles inside the sump at various capacities by engaging required labours and diesel pumpsets and cleaning the side wall using wire brushes, brooms, collecting, lifting of the deposited slit particles on above the sump and washing side wall and the slab using bleaching powder etc., complete and as directed by TWAD Board officers						
	1.00 LL capacity of sump @ Athinathapuram	3		Nos	7000.00	Rupees seven thousand only	21000.00
	1.00 LL capacity of sump @ Thirukallur	3		Nos	7000.00	Rupees seven thousand only	21000.00
	1.50 LL capacity of sump @ Camballabad	3		Nos	9000.00	Rupees nine thousand only	27000.00
	3.00 LL capacity of sump @ Kurumbur	3		Nos	12000.00	Rupees twelve thousand only	36000.00
	1.00 LL capacity of sump @ Ammanpuram	3		Nos	7000.00	Rupees seven thousand only	21000.00
	1.00 LL capacity of sump @ Subramaniapuram	3		Nos	7000.00	Rupees seven thousand only	21000.00
	1.00 LL capacity of sump @ S.S Koil	3		Nos	7000.00	Rupees seven thousand only	21000.00
	2.00 LL capacity of sump @ Paramankurichi	3		Nos	10000.00	Rupees ten thousand only	30000.00
	2.00 LL capacity of sump @ Vellalanvilai	3		Nos	10000.00	Rupees ten thousand only	30000.00
27	Desilting of 4 Nos of Infiltration wells	4		Nos	11668.69	Rupees eleven thousand six hundred sixty eight and paise only	46674.77
	Total						3771612.53

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)