

**TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
VELLORE – TIRUVANNAMALAI CIRCLE, VELLORE – 6.**



Name of Works : Outsourcing for Operation and Maintenance of the 1)CWSS to Keelkodungalore and 76 othe habitations in Vandavasi Union, 2)CWSS to Nallur and 74 Other habitations in Vandavasi Union, 3)CWSS to Athi and 37 Other habitations in Anakkavur Union, 4)CWSS to Kazhiyur and 17 Other habitations in Cheyyar Union and 5)CWSS to Chithamoor and 27 Other habitations in Anakkavur Union of Thiruvannamalai district for the period from 01.06.2022 to 31.03.2023 (for 10 Months).

COVER – 2 (14 Sheets)

PRICE BID

SCHEDULE - A1

Name of Works : Outsourcing for Operation and Maintenance of the 1)CWSS to Keelkodungalore and 76 othe habitations in Vandavasi Union, 2)CWSS to Nallur and 74 Other habitations in Vandavasi Union, 3)CWSS to Athi and 37 Other habitations in Anakkavur Union, 4)CWSS to Kazhiyur and 17 Other habitations in Cheyyar Union and 5)CWSS to Chithamoor and 27 Other habitations in Anakkavur Union of Thiruvannamalai district for the period from 01.06.2022 to 31.03.2023 (for 10 Months).

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.0.0	CWSS to Keelkodungalore and 76 othe habitations in Vandavasi Union in Thiruvannamalai district					
1.1.0	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protecton of all schemee 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 .	306.769	1 MLD	5708.47	Rupees Five Thousand Seven Hundred Eight and Paise Forty Seven Only	1751183.00
					Total Rs. - I	1751183.00
1.2.0	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.					
1.2.1	63mm OD PVC 4 KSC pipes	5	Nos	1068.00	Rupees One Thouand Sixty Eight and Paise Zero Only	5340.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.2.2	75mm OD PVC 4 KSC pipes	5	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	5525.00
1.2.3	90mm OD PVC 4 KSC pipes	6	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	6960.00
1.2.4	110mm OD PVC 4 KSC pipes	4	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	6260.00
1.2.5	140mm OD PVC 4 KSC pipes	2	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	3496.00
1.2.6	160mm OD PVC 4 KSC pipes	2	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	3824.00
1.2.7	2000mm AC Pipe Leak	4	Nos	3800.00	Rupees Three Thousand Eight Hundred and Paise Zero Only	15200.00
1.2.8	200mm AC Pipe Cur Barrel	6	Nos	5200.00	Rupees Five Thousand Two Hundred and Paise Zero Only	31200.00
					Total Rs. - II	77805.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.3.0	Rewinding of Motors in pumping stations iod 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 2.8 of General conditions of Contract Part II. Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete					
1.3.1	3HP - OW - SUB	2.00	Job	14950.00	Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only	29900.00
1.3.2	5HP - OW - SUB	2.00	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	35500.00
1.3.3	20HP - OW - SUB	1.00	Job	35300.00	Rupees Thirty Five Thousand Three Hundred and Paise Zero Only	35300.00
					Total Rs. - III	100700.00
1.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
1.4.1	R I Sheet	11	Kg	96.00	Rupees Ninety Six and Paise Zero Only	1056.00
1.4.2	65mm GI Pipe	1	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	527.00
					Total Rs. - IV	1583.00
					Sub Total Rs. - I	1931271.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.0.0	CWSS to Nallur and 74 Other habitations in Vandavasi Union in Thiruvannamalai district					
2.1.0	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protecton of all schemee 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 .	832.193	1 MLD	2209.65	Rupees Two Thousand Two Hundred Nine and Paise Sixty Five Only	1838858.00
					Total Rs. - I	1838858.00
2.2.0	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.					
2.2.1	63mm OD PVC 4 KSC pipes	4	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	4272.00
2.2.2	75mm OD PVC 4 KSC pipes	4	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	4420.00
2.2.3	90mm OD PVC 4 KSC pipes	2	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	2320.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.2.4	110mm OD PVC 4 KSC pipes	4	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	6260.00
2.2.5	140mm OD PVC 4 KSC pipes	7	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	12236.00
2.2.6	160mm OD PVC 4 KSC pipes	4	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	7648.00
2.2.7	2000mm AC Pipe Leak	2	Nos	3800.00	Rupees Three Thousand Eight Hundred and Paise Zero Only	7600.00
2.2.8	250mm AC Pipe Leak	2	Nos	4100.00	Rupees Four Thousand One Hundred and Paise Zero Only	8200.00
2.2.9	250mm AC Pipe Cur Barrel	2	Nos	5500.00	Rupees Five Thousand Five Hundred and Paise Zero Only	11000.00
2.2.10	300mm AC Pipe Leak	1	Nos	4500.00	Rupees Four Thousand Five Hundred and Paise Zero Only	4500.00
					Total Rs. - II	68456.00
2.3.0	Rewinding of Motors in pumping stations iod 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 2.8 of General conditions of Contract Part II. Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete					

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.3.1	5HP - OW - SUB	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
2.3.2	7.5HP - OW - SUB	1	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
2.3.3	7.5HP - HSB	1	Job	21100.00	Rupees Twenty One Thousand One Hundred and Paise Zero Only	21100.00
					Total Rs. - III	59900.00
2.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
2.4.1	50mm GM Gate valve	2	No	2062	Rupees Two Thousand Sixty Two and Paise Zero Only	4124.00
2.4.2	80mm GM Gate valve	2	No	5113	Rupees Five Thousand One Hundred Thirteen and Paise Zero Only	10226.00
2.4.3	R I Sheet	11	Kg	96.00	Rupees Ninety Six and Paise Zero Only	1056.00
2.4.4	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
2.4.5	65mm GI Pipe	2	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	1054.00
2.4.6	80mm GI Pipe	6	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	3918.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.4.7	100mm GI pipe	5	m	930.00	Rupees Nine Hundred Thirty and Paise Zero Only	4650.00
					Total Rs. - IV	25440.00
					Sub Total Rs. - II	1992654.00
3.0.0	CWSS to Athi and 37 Other habitations in Anakkavur Union in Thiruvannamalai district					
3.1.0	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and appurtenances, water retaining structures including protecton of all schemee 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 .	375.303	1 MLD	2663.46	Rupees Two Thousand Six Hundred Sixty Three and Paise Forty Six Only	999605.00
					Total Rs. - I	999605.00
3.2.0	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.					
3.2.1	63mm OD PVC 4 KSC pipes	4	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	4272.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
3.2.2	90mm OD PVC 4 KSC pipes	10	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	11600.00
3.2.3	110mm OD PVC 4 KSC pipes	4	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	6260.00
3.2.4	140mm OD PVC 4 KSC pipes	5	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	8740.00
3.2.5	150mm AC Pipe Leak	2	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	7060.00
3.2.6	2000mm AC Pipe Leak	2	Nos	3800.00	Rupees Three Thousand Eight Hundred and Paise Zero Only	7600.00
	Sub Total Rs. - II				Total Rs. - II	45532.00
3.3.0	Rewinding of Motors in pumping stations iod 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 2.8 of General conditions of Contract Part II. Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete					
3.3.1	3HP - OW - SUB	2.00	Job	14950.00	Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only	29900.00
3.3.2	3HP - HSB	1.00	Job	14980.00	Rupees Fourteen Thousand Nine Hundred Eighty and Paise Zero Only	14980.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
					Total Rs. - III	44880.00
3.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenance works					
3.4.1	R I Sheet	10	Kg	96.00	Rupees Ninety Six and Paise Zero Only	960.00
3.4.2	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
3.4.3	65mm GI Pipe	2	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	1054.00
3.4.4	80mm GI Pipe	2	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	1306.00
3.4.5	100mm GI pipe	1	m	930.00	Rupees Nine Hundred Thirty and Paise Zero Only	930.00
					Total Rs. - IV	4662.00
					Sub Total Rs. - III	1094679.00
4.0.0	CWSS to Kazhiyur and 17 Other habitations in Chyyar Union in Thiruvannamalai district					
4.1.0	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 .	104.432	1 MLD	6837.01	Rupees Six Thousand Eight Hundred Thirty Seven and Paise One Only	714003.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
					Total Rs. - I	714003.00
4.2.0	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.					
4.2.1	63mm OD PVC 4 KSC pipes	6	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	6408.00
4.2.2	75mm OD PVC 4 KSC pipes	2	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	2210.00
4.2.3	90mm OD PVC 4 KSC pipes	2	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	2320.00
4.2.4	110mm OD PVC 4 KSC pipes	3	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	4695.00
4.2.5	140mm OD PVC 4 KSC pipes	4	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	6992.00
4.2.6	150mm AC Pipe Leak	2	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	7060.00
					Total Rs. - II	29685.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
4.3.0	Rewinding of Motors in pumping stations iod 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 2.8 of General conditions of Contract Part II. Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete					
4.3.1	10HP - OW - SUB	1.00	Job	24400.00	Rupees Twenty Four Thousand Four Hundred and Paise Zero Only	24400.00
4.3.2	7.5HP - OW - SUB	1.00	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
					Total Rs. - III	45450.00
4.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
4.4.1	50mm GM Gate valve	1	No	2062	Rupees Two Thousand Sixty Two and Paise Zero Only	2062.00
4.4.2	80mm GM Gate valve	1	No	5113	Rupees Five Thousand One Hundred Thirteen and Paise Zero Only	5113.00
4.4.3	R I Sheet	11	Kg	96.00	Rupees Ninety Six and Paise Zero Only	1056.00
4.4.4	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
4.4.5	65mm GI Pipe	2	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	1054.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
4.4.6	80mm GI Pipe	2	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	1306.00
4.4.7	100mm GI pipe	2	m	930.00	Rupees Nine Hundred Thirty and Paise Zero Only	1860.00
					Total Rs. - IV	12863.00
					Sub Total Rs. - IV	802001.00
5.0.0	CWSS to Chithamoor and 27 Other habitations in Anakkavur Union in Thiruvannamalai district					
5.1.0	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 .	156.648	1 MLD	5469.61	Rupees Five Thousand Four Hundred Sixty Nine and Paise Sixty one only	856804.00
					Total Rs. - I	856804.00
5.2.0	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.					
5.2.1	63mm OD PVC 4 KSC pipes	10	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	10680.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
5.2.2	75mm OD PVC 4 KSC pipes	2	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	2210.00
5.2.3	90mm OD PVC 4 KSC pipes	5	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	5800.00
5.2.4	110mm OD PVC 4 KSC pipes	2	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	3130.00
5.2.5	140mm OD PVC 4 KSC pipes	1	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	1748.00
5.2.6	160mm OD PVC 4 KSC pipes	6	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	11472.00
					Total Rs. - II	35040.00
5.3.0	Rewinding of Motors in pumping stations iod 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 2.8 of General conditions of Contract Part II. Rewinding of burnout coil of stator in the motor of following duty pumpset including cost of all material, labour, removing, conveyance and re-erection etc., complete					
5.3.1	7.5HP - OW - SUB	1.00	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
					Total Rs. - III	21050.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
5.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
5.4.1	R I Sheet	11	Kg	96.00	Rupees Ninety Six and Paise Zero Only	1056.00
5.4.2	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
5.4.3	65mm GI Pipe	1	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	527.00
					Total Rs. - IV	1995.00
					Sub Total Rs. - V	914889.00
					Grand Total Rs.	6735494.00

Total Rs.67,35,494.00/-

Rupees Sixty Seven Lakhs Thirty Five Thousand Four Hundred and Ninety Four 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.