

EE 1-2

SCHEDULE - A

Name of Works : Outsourcing for Operation and Maintenance of the 1).CWSS to Umayalpuram, Vembakkam H and 10 other habitations in Tiruvannamalai District 2).CWSS to Chithathur and 14 other habitations in Tiruvannamalai District 3).CWSS to Abdullapuram and 13 other habitations in Tiruvannamalai District 4).CWSS to Sodiampakkam and 10 other habitations in Tiruvannamalai District 5).CWSS to Menalur H and 10 other habitations in Tiruvannamalai District and 6).CWSS to Ukkal Kottakarai and 13 other habitations in Tiruvannamalai District for the period up to 31.03.2023

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)	Amount (in Rs.)
1.0.0	CWSS to Umayalpuram, Vembakkam H and 10 other habitations in Tiruvannamalai District				
1.1.0	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 .	144.611	1 MLD	3302.41 Rupees Three Thousand Three Hundred Two and Paise Forty One Only	477564.81
				Total Rs. - I	477564.81
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.				

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.2.1	63mm OD PVC 4 KSC pipes	1	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	1068.00
1.2.2	75mm OD PVC 4 KSC pipes	1	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	1105.00
1.2.3	90mm OD PVC 4 KSC pipes	1	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	1160.00
1.2.4	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00
1.2.5	150mm AC Pipe Leak	1	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	3530.00
1.2.6	150mm AC Pipe Cur Barrel	1	Nos	4900.00	Rupees Four Thousand Nine Hundred and Paise Zero Only	4900.00
					Total Rs. - II	13328.00
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	5HP - OW - SUB	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
1.3.2	7.5HP - OW - SUB	1	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
					Total Rs. - III	38800.00
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	50mm GM Gate valve	2	No	2062	Rupees Two Thousand Sixty Two and Paise Zero Only	4124.00
1.4.2	80mm GM Gate valve	1	No	5113	Rupees Five Thousand One Hundred Thirteen and Paise Zero Only	5113.00
1.4.3	R I Sheet	9	Kg	96.00	Rupees Ninety Six and Paise Zero Only	864.00
1.4.4	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
1.4.5	65mm GI Pipe	3	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	1581.00
1.4.6	80mm GI Pipe	6	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	3918.00
1.4.7	100mm GI pipe	1	m	930.00	Rupees Nine Hundred Thirty and Paise Zero Only	930.00
					Total Rs. - IV	16942.00
					Sub Total Rs. - I	546634.81

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.0.0	CWSS to Chithathur and 14 other habitations in Tiruvannamalai 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 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	109.140	1 MLD	4375.69	Rupees Four Thousand Three Hundred Seventy Five and Paise Sixty Nine Only	477562.81
					Total Rs. - I	477562.81
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	2	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	2136.00
2.2.2	75mm OD PVC 4 KSC pipes	2	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	2210.00
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
2.2.4	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.2.5	140mm OD PVC 4 KSC pipes	1	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	1748.00
2.2.6	160mm OD PVC 4 KSC pipes	1	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	1912.00
2.2.7	150mm AC Pipe Leak	1	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	3530.00
					Total Rs. - II	15421.00
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					
2.3.1	5HP - OW - SUB	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
					Total Rs. - III	17750.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenance works					
2.4.1	R I Sheet	10	Kg	96.00	Rupees Ninety Six and Paise Zero Only	960.00
2.4.2	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
2.4.3	65mm GI Pipe	1	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	527.00
					Total Rs. - IV	1899.00
					Sub Total Rs. - II	5,12,632.81
3.0.0	CWSS to Abdullapuram and 13 other habitations in Tiruvannamalai District					
3.1.0	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 .	180.081	1 MLD	1988.95	Rupees One Thousand Nine Hundred Eighty Eight and Paise Ninety Five Only	358172.10
					Total Rs. - I	358172.10

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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	1	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	1068.00
3.2.2	75mm OD PVC 4 KSC pipes	1	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	1105.00
3.2.3	90mm OD PVC 4 KSC pipes	2	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	2320.00
3.2.4	140mm OD PVC 6 KSC pipes	1	Nos	1966.00	Rupees One Thousand Nine Hundred Sixty Six and Paise Zero Only	1966.00
3.2.5	150mm AC Pipe Leak	1	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	3530.00
					Total Rs. - II	9989.00
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					

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
3.3.1	5HP - OW - SUB	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
					Total Rs. - III	17750.00
3.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
3.4.1	R I Sheet	3	Kg	96.00	Rupees Ninety Six and Paise Zero Only	288.00
					Total Rs. - IV	288.00
					Sub Total Rs. - III	386199.10
4.0.0.	CWSS to Sodiampakkam and 10 other habitations in Vembakkam Union Tiruvannamalai District					
4.1.0	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,	144.611	1 MLD	4128.01	Rupees Four Thousand One Hundred Twenty Eight and Paise One Only	596955.65
					Total Rs. - I	596955.65

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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	75mm OD PVC 4 KSC pipes	1	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	1105.00
4.2.2	90mm OD PVC 4 KSC pipes	1	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	1160.00
4.2.3	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00
4.2.4	110mm OD PVC 6 KSC pipes	2	Nos	1689.00	Rupees One Thousand Six Hundred Eighty Nine and Paise Zero Only	3378.00
4.2.5	150mm AC Pipe Leak	2	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	7060.00
					Total Rs. - II	14268.00
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					

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
4.3.1	5HP - OW - SUB	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
4.3.2	10.0HP - OW - SUB	1	Job	24400.00	Rupees Twenty Four Thousand Four Hundred and Paise Zero Only	24400.00
					Total Rs. - III	42150.00
4.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenance works					
4.4.1	R I Sheet	2	Kg	96.00	Rupees Ninety Six and Paise Zero Only	192.00
4.4.2	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
					Total Rs. - IV	604.00
					Sub Total Rs. - VI	653977.65
5.0.0	CWSS to Menalur H and 10 other habitations in Tiruvannamalai 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	87.312	1 MLD	8204.42	Rupees Eight Thousand Two Hundred Four and Paise Forty Two Only	716344.32
					Total Rs. - I	716344.32

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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	90mm OD PVC 4 KSC pipes	1	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	1160.00
5.2.2	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00
5.2.3	160mm OD PVC 4 KSC pipes	2	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	3824.00
5.2.4	150mm AC Pipe Leak	3	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	10590.00
5.2.5	150mm AC Pipe Cur Barrel	2	Nos	4900.00	Rupees Four Thousand Nine Hundred and Paise Zero Only	9800.00
					Total Rs. - II	26939.00
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	10.5HP - OW - SUB	1	Job	24400.00	Rupees Twenty Four Thousand Four Hundred and Paise Zero Only	24400.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
5.3.2	7.5HP - OW - SUB	1	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
					Total Rs. - III	45450.00
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	50mm GM Gate valve	1	No	2062	Rupees Two Thousand Sixty Two and Paise Zero Only	2062.00
5.4.2	80mm GM Gate valve	1	No	5113	Rupees Five Thousand One Hundred Thirteen and Paise Zero Only	5113.00
5.4.3	R I Sheet	10	Kg	96.00	Rupees Ninety Six and Paise Zero Only	960.00
5.4.4	50mm GI Pipe	1	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	412.00
5.4.5	65mm GI Pipe	1	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	527.00
5.4.6	80mm GI Pipe	1	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	653.00
5.4.7	100mm GI pipe	1	m	930.00	Rupees Nine Hundred Thirty and Paise Zero Only	930.00
					Total Rs. - IV	10657.00
					Sub Total Rs. - V	799390.32

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)	Amount (in Rs.)
6.0.0	CWSS to Ukkal Kottakarai and 13 other habitations in Tiruvannamalai District				
6.1.0	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	141.882	1 MLD	2524.44	Rupees Two Thousand Five Hundred Twenty Four and Paise Forty Four Only
				Total Rs. - I	358172.60
6.2.0	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.				
6.2.1	75mm OD PVC 4 KSC pipes	2	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only
6.2.2	90mm OD PVC 4 KSC pipes	4	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only
6.2.3	110mm OD PVC 4 KSC pipes	3	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only
				Total Rs. - II	11545.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
6.3.0	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					
6.3.1	5HP - OW - SUB	2	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	35500.00
6.3.2	7.5HP - OW - SUB	1	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
					Total Rs. - III	56550.00
6.4.0	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works					
6.4.1	50mm GM Gate valve	1	No	2062	Rupees Two Thousand Sixty Two and Paise Zero Only	2062.00
6.4.2	80mm GM Gate valve	1	No	5113	Rupees Five Thousand One Hundred Thirteen and Paise Zero Only	5113.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
6.4.3	R I Sheet	6	Kg	96.00	Rupees Ninety Six and Paise Zero Only	576.00
6.4.4	50mm GI Pipe	5	m	412.00	Rupees Four Hundred Twelve and Paise Zero Only	2060.00
6.4.5	65mm GI Pipe	6	m	527.00	Rupees Five Hundred Twenty Seven and Paise Zero Only	3162.00
6.4.6	80mm GI Pipe	6	m	653.00	Rupees Six Hundred Fifty Three and Paise Zero Only	3918.00
					Total Rs. - IV	16891.00
					Sub Total Rs. - VI	443158.60
					Grand Total Rs.	33,41,993.29

Total Rs.3341993.29329/-

Rupees Thirty Three Lakhs Forty One Thousand Nine Hundred Ninety Three and Paise Twenty Nine 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.