

**SCHEDULE - A**

**NAME OF WORK : OPERATION AND MAINTENANCE OF OUTSOURCING OF CWSS TO 138 HABITATIONS (TP IV & IVA) IN UTHUKULI UNION & UTHUKULI TP IN TIRUPPUR DISTRICT FOR 2022-23 FOR THE PERIOD FROM 01.07.2022 TO 31.03.2023.**

S. No.	Description of Work	Unit	Quantity		Rate (Both In figures and words)	Rate in 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 I 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 .	1 MLD	1123.40	MLD	2193.73	(Rupees Two thousand one hundred ninety three and paise seventy three only)	2464436.282
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)	50mm OD PVC 6 KSC pipes	1 m	4	Nos	1059.00	(Rupees One thousand and fifty nine only)	4236.00
ii)	63mm OD PVC 4 KSC pipes	1 m	8	Nos	1114.00	(Rupees one thousand one hundred and fourteen only)	8912.00
iii)	75mm OD PVC 4 KSC pipes	1 m	2	Nos	1109.00	(Rupees One thousand one hundred and nine only)	2218.00
iv)	90mm OD PVC 4 KSC pipes	1 m	7	Nos	1166.00	(Rupees one thousand one hundred and sixty six only)	8162.00
v)	110mm OD PVC 4 KSC pipes	1 m	4	Nos	1579.00	(Rupees one thousand five hundred and seventy nine only)	6316.00
vi)	140mm OD PVC 4 KSC pipes	1 m	4	Nos	1772.00	(Rupees one thousand seven hundred and seventy two only)	7088.00

S. No.	Description of Work	Unit	Quantity		Rate (Both in figures and words)	Rate in words	Amount (in Rs.)
vii)	140mm OD PVC 6 KSC pipes	1 m	5	Nos	1990.00	(Rupees one thousand nine hundred and ninety only)	9950.00
ix)	200mm AC CL15 pipes	1 m	3	Nos	3712.00	(Rupees three thousand seven hundred and seventy two only)	11136.00
x)	80mm CI pipes	1 m	2	Nos	1532.00	(Rupees one thousand five hundred and thirty two only)	3064.00
3	Rewinding of Motors in pumping stations led in the Electrical, Mechanical and Electro-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 3 HP OWS pumpset at Pappampalayam sump including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1 Job	1	No	18650.00	(Rupees eighteen thousand six hundred and fifty only)	18650.00
ii)	Rewinding of burnout coil of stator in the motor of 3 HP unit I Monoblock pumpset at Pappampalayam sump including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1 Job	1	No	7825.00	(Rupees seven thousand eight hundred and twenty five only)	7825.00
iii)	Rewinding of burnout coil of stator in the motor of 5 HP unit II OWS pumpset at Pappampalayam sump including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1 Job	1	No	11275.00	Rupees Eleven thousand two hundred and seventy five only)	11275.00
iv)	Rewinding of burnout coil of stator in the motor of 25 HP Unit II Centrifugal pumpset at Sengapalli sump including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1 Job	1	No	26400.00	(Rupees Twenty six thousand and four hundred only)	26400.00
4	<b>Supply of materials</b>						
i)	Supply and delivery of G I pipes and specials for existing suction pipe in Pallagoundenpalayam sump	1 No	1	Nos	24063.00	(Rupees Twenty four thousand and sixty three only)	24063.00
ii)	Supply and delivery of 50mm DI Gatevalve with body bannet for Pallagoundenpalayam sump	1 No	1	Nos	18032.00	(Rupees Eighteen thousand and thirty two only)	18032.00

S. No.	Description of Work	Unit	Quantity		Rate (Both in figures and words)	Rate in words	Amount (in Rs.)
iii)	Volt Meter	1 No	4	Nos	624.00	(Rupees six hundred and twenty four only)	2496.00
iv)	Ammeter	1 No	3	Nos	570.00	(Rupees five hundred and seventy only)	1710.00
V)	20W 4 Feet LED fitting with LED	1 No	6	Nos	749.00	(Rupees seven hundred and forty nine only)	4494.00
5	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.						
i)	0.10LL capacity of sump	1 No	4	No	2510.00	(Rupees two thousand five hundred and ten only)	10040.00
ii)	0.75LL capacity of sump	1 No	1	No	10839.00	(Rupees ten thousand eight hundred and thirty nine only)	10839.00
iii)	3.0LL capacity of sump	1 No	1	No	14642.00	(Rupees fourteen thousand six hundred and forty two only)	14642.00
						Total	2675984.28
						Say	2675984.00
(Rupees Twenty six Lakhs seventy five thousand nine hundred and eighty four only)							

I/We hereby agree to execute all the above components of work at %( )percentage excess/less than the departmental value mentioned above. (The percentage should be mentioned both words and figures)

CONTRACTOR

EXECUTIVE ENGINEER

## ANNEXURE I

Sl	Name of Union	Name of Panchayat	Name of Habitation	Earmarked/ Allotted Qty. as per Scope in KL/day
<b>A</b>	<b>Initial Reach Beneficiaries (TP IV)</b>			
1	Uthukuli Union	Nadupatty	A.Pallagounden Palayam	62.2
2	Uthukuli Union	Nadupatty	A. Mugasipallagounden Palayam	21.45
3	Uthukuli Union	Nadupatty	Sanarpalayam	23.95
4	Uthukuli Union	Nadupatty	Sottaigounden Palayam	53.625
5	Uthukuli Union	Nadupatty	Gundumallanaickenure	56.266
6	Uthukuli Union	Nadupatty	Eranaickanur	37.895
7	Uthukuli Union	Nadupatty	Malakovil Thottipalayam	33.6
8	Uthukuli Union	Nadupatty	Malakovil Thottipalayam (H)	28.6
9	Uthukuli Union	Nadupatty	Nadupatti	26.45
10	Uthukuli Union	Nadupatty	Nadupatti (H)	10.725
11	Uthukuli Union	Nadupatty	Pulavar Palayam	19.3
12	Uthukuli Union	Nadupatty	Sillankadu	7.15
13	Uthukuli Union	Nadupatty	Muthugounden Palayam	12.15
14	Uthukuli Union	Nadupatty	Lakshmana Gounden Pudur	7.15
15	Uthukuli Union	Nadupatty	Gomathy Mills	22.875
<b>B</b>	<b>Intermediate Reach Beneficiaries</b>			
<b>C</b>	<b>Tail End Beneficiaries</b>			
1	Uthukuli Union	Velliraveli	Velliraveli	155.942
2	Uthukuli Union	Velliraveli	Velliraveli (H)	21.45
3	Uthukuli Union	Velliraveli	Vadugupalayam	15.725
4	Uthukuli Union	Velliraveli	Rangaaikkanur	21.45
5	Uthukuli Union	Velliraveli	Kooliankady	15.725
6	Uthukuli Union	Velliraveli	Mylampalayam	28.6
7	Uthukuli Union	Velliraveli	Pappavalasu	26.45
8	Uthukuli Union	Velliraveli	Devanampalayam	28.6
9	Uthukuli Union	Velliraveli	Vadagupalayam (H)	7.15
				<b>1108.16</b>

<b>A</b>	<b>Initial Reach Beneficiaries (TP IV A)</b>			
1	Uthukuli Union	Sengappalli	1 - Sengappalli	33.6

2	Uthukuli Union	Sengappalli	2 - Vadakkusanar Palayam	28.6
3	Uthukuli Union	Sengappalli	3 - Sinnari Palayam	25.025
4	Uthukuli Union	Sengappalli	4 - Palani Gounden Palayam	21.45
5	Uthukuli Union	Sengappalli	5 - Nalla Goundan Palayam	21.45
6	Uthukuli Union	Sengappalli	6 - Chennimalai Palayam	14.3
7	Uthukuli Union	Sengappalli	7 - Chennimalai Palayam (H) Old	19.3
8	Uthukuli Union	Sengappalli	8 - Neelagounden Palayam	17.875
9	Uthukuli Union	Sengappalli	9 - Chennimalai Palayam (H) New	26.45
10	Uthukuli Union	Sengappalli	10 - Ponnapuram	14.3
11	Uthukuli Union	Sengappalli	11 - Poosaripalayam	28.6
12	Uthukuli Union	Sengappalli	12 - Mettupudur	17.875
13	Uthukuli Union	Sengappalli	13 - Chinnakadapalayam	42.9
14	Uthukuli Union	Sengappalli	14 - Pachakattu Palayam	53.625
15	Uthukuli Union	Sengappalli	15 - Pidarappam Palayam	14.3
16	Uthukuli Union	Sengappalli	16 - Pallapalayam	19.3
17	Uthukuli Union	Sengappalli	17 - Kottaikattu Pudur	14.3
18	Uthukuli Union	Sengappalli	18 - Senapathi Palayam	28.6
19	Uthukuli Union	Kavandampalayam	1 - Kavandanpalayam	32.175
20	Uthukuli Union	Kavandampalayam	2 - Karumanda Kavundanur	17.875
21	Uthukuli Union	Kavandampalayam	3 - Uthukkuli Rs	26.45
22	Uthukuli Union	Kavandampalayam	4 - R.S Pudur	10.725
23	Uthukuli Union	Morattupalayam	1 - Morattupalayam	185.9
24	Uthukuli Union	Morattupalayam	2 - Sedarpalayam	35.75
25	Uthukuli Union	Morattupalayam	3 - Thottivalasu	14.3
26	Uthukuli Union	Morattupalayam	4 - Suppattanaicken Palayam	21.45
27	Uthukuli Union	Morattupalayam	5 - Thimmanaicken Palayam	19.3
28	Uthukuli Union	Morattupalayam	6 - Ponneya Goundenum	10.725
29	Uthukuli Union	Morattupalayam	7 - Sembavallam	23.265
30	Uthukuli Union	Muthampalayam	1 - Muthampalayam	25.025
31	Uthukuli Union	Muthampalayam	2 - Sengakadu	7.15
32	Uthukuli Union	Muthampalayam	3 - Sanarpalayam	12.15
33	Uthukuli Union	Muthampalayam	4 - Muthampalayam Pudur	18.15
34	Uthukuli Union	Muthampalayam	5 - Vellian Thottam	10.725
35	Uthukuli Union	Muthampalayam	5 - Thimmanaicken Palayam	19.3
36	Uthukuli Union	Muthampalayam	6 - Ponneya Goundenum	10.725
<b>B</b>	<b>Intermediate Reach Beneficiaries</b>			
1	Uthukuli Union	Uthukuli RTP	Uthukuli RTP	952
2	Uthukuli Union	Vadugapalayam	1 - Vadugapalayam	28.595
3	Uthukuli Union	Vadugapalayam	2 - Ramamurthi Nagar	10.725
4	Uthukuli Union	Vadugapalayam	3 - Thenesswaram Palayam	28.6
5	Uthukuli Union	Vadugapalayam	4 - Thenesswaram Palayam (H)	38.83
6	Uthukuli Union	Vadugapalayam	5 - Uthukuli Rs	19.3
7	Uthukuli Union	Vadugapalayam	6 - Velligoundeure	21.45
8	Uthukuli Union	Reddipalayam	1 - Reddipalayam	53.625
9	Uthukuli Union	Reddipalayam	2 - Karaipalayam	16.44
10	Uthukuli Union	Reddipalayam	3 - Karaipalayam (H)	25.025
11	Uthukuli Union	Reddipalayam	4 - Mettukadai	17.82
12	Uthukuli Union	Kasthuripalayam	1 - Kangeyam Palayam	25.74
13	Uthukuli Union	Kasthuripalayam	2 - Chetti Thottam	12.15
14	Uthukuli Union	Kasthuripalayam	3 - Malaikarattu Palayam	7.15

15	Uthukuli Union	Kasthuripalayam	4 - Chiannapalani Gounden Palayam	12.15
16	Uthukuli Union	Kasthuripalayam	5 - Senjeriam Palayam	14.3
17	Uthukuli Union	Kasthuripalayam	6 - Annamar Nagar	25.74
18	Uthukuli Union	Kasthuripalayam	7 - Malankarai Pallartheru	15.01
19	Uthukuli Union	Kasthuripalayam	8 - Koil Mettu Pudur	26.455
20	Uthukuli Union	Kasthuripalayam	9 - Kasthuri Palayam	41.14
21	Uthukuli Union	Kasthuripalayam	10 - Sama Raj Palayam	21.45
22	Uthukuli Union	Kasthuripalayam	11 - Karai Pudur	25.74
23	Uthukuli Union	Anaipalayam	1 - Anaipalayam (H)	27.88
24	Uthukuli Union	Anaipalayam	2 - Anaipalayam Pudur	10.725
25	Uthukuli Union	Anaipalayam	3 - Paraiyur	12.15
26	Uthukuli Union	Anaipalayam	4 - Kullayur	26.45
27	Uthukuli Union	Anaipalayam	5 - Mettukadai	7.15
	Uthukuli Union	Anaipalayam	6 - Appamparai	7.15
28	Uthukuli Union	Anaipalayam	7 - Pallapalayam	17.875
29	Uthukuli Union	Anaipalayam	8 - Subbanur	29.315
30	Uthukuli Union	Anaipalayam	9 - Arumugampalayam	31.455
31	Uthukuli Union	Pallavarayan Palayam	1-pallavarayan palayam	14.3
32	Uthukuli Union	Pallavarayan Palayam	2-Rettaikinaru	17.875
33	Uthukuli Union	Pallavarayan Palayam	3-parapalayam	14.3
<b>C</b>	<b>Tail End Beneficiaries</b>			
1	Uthukuli Union	Thalavaipalayam	1 - Thalavaipalayam	30.025
2	Uthukuli Union	Thalavaipalayam	2 - Thalavaipalayam (H)	8.58
3	Uthukuli Union	Thalavaipalayam	3 - Sedapalayam	22.875
4	Uthukuli Union	Thalavaipalayam	4 - Thalavaipalayam Pudur	8.58
5	Uthukuli Union	Thalavaipalayam	5 - Salapalayam	16.275
6	Uthukuli Union	Thalavaipalayam	6 - Salapalayam (H)	7.15
7	Uthukuli Union	Thalavaipalayam	7 - Thottipalayam	10.725
8	Uthukuli Union	Thalavaipalayam	8 - Molagounden Palayam	12.15
9	Uthukuli Union	Thalavaipalayam	9 - Molagounden Palayam (H)	7.15
10	Uthukuli Union	Thalavaipalayam	10 - Elanthikattur	26.455
11	Uthukuli Union	Thalavaipalayam	11 - Chinniya Gounden Palayam	16.445
12	Uthukuli Union	Thalavaipalayam	12 - Chinnia Gounden Palayam (H)	7.15
13	Uthukuli Union	Thalavaipalayam	13 - Mallankattur	12.15
14	Uthukuli Union	S.Kathankanni	1 - Pappampalayam	42.57
15	Uthukuli Union	S.Kathankanni	2 - Manoharan Thottam	17.875
16	Uthukuli Union	S.Kathankanni	3 - Vengalapalayam	22.88
17	Uthukuli Union	S.Kathankanni	4 - V.P.Mandradiar Nagar	24.855
18	Uthukuli Union	S.Kathankanni	5 - Vengalapalayam H	17.875
19	Uthukuli Union	Itchipalayam	1 - Itchipalayam	21.115
20	Uthukuli Union	Itchipalayam	2 - Pudupalayam	21.45
21	Uthukuli Union	Itchipalayam	3 - Kattegounden Palayam	15.725
22	Uthukuli Union	Itchipalayam	4 - Marapalayam	14.3
23	Chennimalai uniion	kodumanal	kodumanal	40
				<b>2993.38</b>

Name of work :

OPERATION AND MAINTENANCE OF OUTSOURCING OF CWSS TO 138 HABITATIONS ( TP IV & IVA) IN UTHUKULI UNION AND UTHUKULI TOWN PANCHAYAT IN TIRUPPUR DISTRICT (NTADCL) FOR THE YEAR 2022-2023.

**LABOUR DATA**

SINo	Description	Qua ntity	Month	Rate in Rs	Per	Amount
	Operation and maintenance of pumping station by providing required manpower as to the level acceptable to the Board and to satisfy the IE rules whenever applicable and to perform themandatory duties specified in the schedule operationg and patrolling the sump, pumping mains, Air vlaves, scour valves, sluice valves in the pipe line and all mechaneries including watech and ward at night undre the control of following placess the required maintenance staff should be engaged at appropriate place as directed by the TWAD Board officer. For the period from 1.7.2022 to 31.3.2023					
I	In Town Panchayat Limit					
I	Maintenance Assistant/ Filter Bed Operator/ Turn Cock -Unskilled	1	1	13401.25	1/Month	13401.25
II	In Village Panchayat Limit					
b	Maintenance Assistant/ Filter Bed Operator/ Turn Cock -Unskilled	18	1	11401.25	1/Month	205222.50
	Sub Total - I					218623.75
3	Add Service charges @ 10%					21862.38
4	ESI @ 3.25% as per Labour act of Sub Total -I					7105.27
5	EPF @ 12.00% as per Labour act of Sub Total -I					26234.86
	Sub Total - II per Month					273826.26
	Sub Total - III per 9 months		Sub Total II X 9			2464436.31
	Total					2464436.00
	Rate for 1 MLD (274 daysx4.10)=1123.40				Rs	2193.73

CONTRACTOR

EXECUTIVE ENGINEER