

COVER II

**Outsourcing of Operation and Maintenance of
CWSS to T.Palur and 212 Habitations in T.Palur
union in Ariyalur District for the year 2022-23
(Period from 16.06.2022 to 31.03.2023 -
9.5months)**

PRICE BID

Outsourcing of Operation and Maintenance of CWSS to T.Palur and 212 Habitations in T.Palur union in Ariyalur District for the year 2022-23 (Period from 16.06.2022 to 31.03.2023 - 9.5 Months)

GENERAL ABSTRACT.

Sl. No.	Schedule No	NAME OF COMPONENT	AMOUNT IN RUPEES.
1	A1	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipe lines valves and appurtenances, water retaining structures	6,685,418.50
2	A2	Attending LEAKS and BURST of the Pipe lines	795,616.57
3	A3	Carrying out the repair works of the Electrical, Mechanical and Electro-mechanical item	575,015.50
4	A4	Cleaning of all storage points like Sumps of various capacities	148,041.44
		TOTAL	8,204,092.01
Rupees Eighty two lakhs four thousand ninety two and paise one only			

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 FIGURES AND
 WORDS)

Outsourcing of Operation and Maintenance of CWSS to T.Palur and 212 Habitations in T.Palur union in Ariyalur District for the year 2022-23 (Period from 16.06.2022 to 31.03.2023 - 9.5 Months)

Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipe lines valves and appurtenances, water retaining structures

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
1	Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines valves and purtenances, water retaining structuress including protection of all scheme components from damages/theft undertaking legal actions for such untoward incidents, preventive maintenance, disinfection and deliverance of watyer ar per quality standards and supply of earmarked quantity of water to the beneficiaries as per stanndard operating procedures, Acts and rules in force and as directected by TWAD Board Oficers and excluding cost towards attending leak,burst repairs and replacement works to electro mechanical installations consumables for disinfection of water,cleaning of all water retaining structure.	1606.84 MLD		1 MLD (One MLD)	4160.60	Rupees four thousands one hundred sixty and paise sixty only	6685418.50
	TOTAL -A1						6685418.50

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Attending LEAKS and BURST of the Pipe lines

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
1	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. (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)		specified in clause 1.7 of GCC - Part- I)				
a	50mm 6 ksc PVC Pipes	30 Nos.		1 No. (One Number)	1375.00	Rupees one thousand three hundreds seventy five only	41,250.00
b	63mm 4 ksc PVC Pipes	25 Nos.		1 No. (One Number)	1390.00	Rupees one thousand three hundreds ninety only	34,750.00
c	75mm 4 ksc PVC Pipes	20 Nos.		1 No. (One Number)	1455.00	Rupees one thousand four hundreds fifty five only	29,100.00
d	90mm 4 ksc PVC Pipes	24 Nos.		1 No. (One Number)	1785.00	Rupees one thousand seven hundreds eighty five only	42,840.00
e	110mm 4 ksc PVC Pipes	10 Nos.		1 No. (One Number)	2477.00	Rupees two thousands four hundreds seventy seven only	24,770.00
f	140mm 4 ksc PVC Pipes	10 Nos.		1 No. (One Number)	2772.00	Rupees two thousands seven hundreds seventy two only	27,720.00
g	160mm 4 ksc PVC Pipes	5 Nos.		1 No. (One Number)	4121.00	Rupees four thousands one hundred twenty one only	20,605.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
h	150mm AC pipe using cement joint	6 Nos.		1 No. (One Number)	3863.70	Rupees three thousands eight hundreds sixty three and paise seventy only	23,182.20
i	200mm AC pipe using cement joint	10 Nos.		1 No. (One Number)	4111.50	Rupees four thousands one hundred eleven and paise fifty only	41,115.00
j	250mm AC pipe using cement joint	15 Nos.		1 No. (One Number)	5612.90	Rupees five thousands six hundreds twelve and paise ninety only	84,193.50
k	350mm PSC pipe using cement joint	10 Nos.		1 No. (One Number)	7627.40	Rupees seven thousands six hundreds twenty seven and paise forty only	76,274.00
l	400mm PSC pipe using cement joint	15 Nos.		1 No. (One Number)	8332.85	Rupees eight thousands three hundreds thirty two and paise eighty five only	124,992.75
m	400 mm MS pipe by welding	1 Nos.		1 No. (One Number)	9206.00	Rupees nine thousands two hundreds six only	9,206.00
n	AC/PSC minor Burst-Supply of MS Pipe with collar						-
o	150mm AC pipe (1 Nos x 60.627 Kg)	60.63 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	6,911.82
p	200mm AC pipe (1 Nos x 71.729 Kg)	71.73 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	8,177.22
q	250mm AC pipe (1 Nos x 82.832 Kg)	82.83 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	9,442.62
r	350mm PSC pipe (1 Nos x 105.037 Kg)	105.04 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	11,974.56
s	400mm PSC pipe (1 Nos x 116.140 Kg)	116.14 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	13,239.96
t	AC/PSC Major Burst-Supply of MS Pipe with collar						-

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
u	0.60 LL capacity of sump @ Payayankarai	312.65 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	35,642.10
v	350mm PSC pipe (1 Nos x 410.354 Kg)	410.35 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	46,779.90
x	400mm PSC pipe (1 Nos x 459.206 Kg)	459.21 Kg.		1 Kg. (One Kilogram)	114.00	Rupees one hundred fourteen only	52,349.94
2	Repair and reconditioning of valves						-
a	100mm CI Sluice Valve	1 Nos.		1 No. (One Number)	6900.00	Rupees six thousands nine hundreds only	6,900.00
b	150mm CI Sluice Valve	1 Nos.		1 No. (One Number)	7450.00	Rupees seven thousands four hundreds fifty only	7,450.00
c	50mm DI Single Chamber Air release Valve	1 Nos.		1 No. (One Number)	1900.00	Rupees one thousand nine hundreds only	1,900.00
d	80mm DI Single Chamber Air release Valve	1 Nos.		1 No. (One Number)	2600.00	Rupees two thousands six hundreds only	2,600.00
e	100mm DI Single Chamber Air release Valve	1 Nos.		1 No. (One Number)	3900.00	Rupees three thousands nine hundreds only	3,900.00
3	Replacement of Gun Metal Gate Valve including required length of GI nipple , Coupling etc complete						-
a	50 mm GM Gate valve □	1 Nos.		1 No. (One Number)	2600.00	Rupees two thousands six hundreds only	2,600.00
b	80 mm GM Gate valve □	1 Nos.		1 No. (One Number)	5750.00	Rupees five thousands seven hundreds fifty only	5,750.00
	TOTAL -A2						795,616.57

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Carrying out the repair works of the Electrical, Mechanical and Electro-mechanical item							
S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
I	Carrying out the 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 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 2.8 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 specifictaion has to be mentioned under the clause 1.7 of GCC - Part- I)		specified in Clause 2.8 of General conditions of Contract Part II				-
1	Repair work of Pumpset and Motor						
a	Repairing and reconditioning of 12.50 HP Open well Submersible Pumpset including all material,labour,etc at Arankottai Head works	1 Nos.		1 No. (One Number)	30700.00	Rupees thirty thousands seven hundreds only	30,700.00
b	Repairing and reconditioning of 22.50 HP Horizontal Split caseMotor including all material,labour,etc at Arankottai Head works	1 Nos.		1 No. (One Number)	42300.00	Rupees forty two thousands three hundreds only	42,300.00
c	Repairing and reconditioning of 40 HP Horizontal Split case Motor including all material,labour,etc at Sripuranthan Booster (Vikkaramangaalam Direction)	1 Nos.		1 No. (One Number)	59100.00	Rupees fifty nine thousands one hundred only	59,100.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
d	Repairing and reconditioning of 20 HP Horizontal Split case Motor including all material,labour,etc at Sripuranthan Booster (Kottiyal Direction)	1 Nos.		1 No. (One Number)	42300.00	Rupees forty two thousands three hundreds only	42,300.00
e	Repairing and reconditioning of 22.50 HP Horizontal Split case Pump including all material,labour,etc at Arankottai Head works	1 Nos.		1 No. (One Number)	37900.00	Rupees thirty seven thousands nine hundreds only	37,900.00
f	Repairing and reconditioning of 40 HP HSC Pump including all material,labour,etc at Sripuranthan Booster (Vikkaramangaalam Direction)	1 Nos.		1 No. (One Number)	48100.00	Rupees forty eight thousands one hundred only	48,100.00
g	Repairing and reconditioning of 20 HP Horizontal Split case Pump including all material,labour,etc at Sripuranthan Booster (Kottiyal Direction)	1 Nos.		1 No. (One Number)	37900.00	Rupees thirty seven thousands nine hundreds only	37,900.00
h	Repairing and reconditioning of 12 HP Monoblock Pumpset including all material,labour,etc at Sripuranthan Booster (T.Palur Direction)	1 Nos.		1 No. (One Number)	31600.00	Rupees thirty one thousands six hundreds only	31,600.00
i	Repairing and reconditioning of 3 HP Monoblockl Pumpset including all material,labour,etc at Sripuranthan Booster (Local)	1 Nos.		1 No. (One Number)	16600.00	Rupees sixteen thousands six hundreds only	16,600.00
j	Repairing and reconditioning of 15 HP Monoblock Pumpset including all material,labour,etc at Vikkaramangalam Booster (Venmankondan Direction)	1 Nos.		1 No. (One Number)	34800.00	Rupees thirty four thousands eight hundreds only	34,800.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
l	Repairing and reconditioning of 5 HP Monoblock Pumpset including all material,labour,etc at Vikkaramangalam Booster (Thirukonam Direction)	1 Nos.		1 No. (One Number)	20300.00	Rupees twenty thousands three hundreds only	20,300.00
m	Repairing and reconditioning of 1.50 HP Monoblock Pumpset including all material,labour,etc at Vikkaramangalam Booster (Arakattalai Direction)	1 Nos.		1 No. (One Number)	11100.00	Rupees eleven thousands one hundred only	11,100.00
n	Repairing and reconditioning of 3 HP Monoblock Pumpset including all material,labour,etc at T.Palur Booster (Adikamalai Direction)	1 Nos.		1 No. (One Number)	16600.00	Rupees sixteen thousands six hundreds only	16,600.00
o	Repairing and reconditioning of 1 HP Monoblock Pumpset including all material,labour,etc at Arunmozhi sump	1 Nos.		1 No. (One Number)	11100.00	Rupees eleven thousands one hundred only	11,100.00
2	Repairing and reconditioning of Starters						
a	Repairing and reconditioning of Star-delta Starter 12.50 HP	1 Nos.		1 No. (One Number)	10900.00	Rupees ten thousands nine hundreds only	10,900.00
b	Repairing and reconditioning of Star-delta Starter 22.50 HP	1 Nos.		1 No. (One Number)	12200.00	Rupees twelve thousands two hundreds only	12,200.00
c	Repairing and reconditioning of ATS Starter 40 HP	1 Nos.		1 No. (One Number)	20900.00	Rupees twenty thousands nine hundreds only	20,900.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
d	Repairing and reconditioning of Star-delta Starter 20 HP	1 Nos.		1 No. (One Number)	12200.00	Rupees twelve thousands two hundreds only	12,200.00
e	0.60 LL capacity of sump @ Payayankarai	1 Nos.		1 No. (One Number)	11800.00	Rupees eleven thousands eight hundreds only	11,800.00
f	Repairing and reconditioning of Star-delta Starter 12 HP	1 Nos.		1 No. (One Number)	10900.00	Rupees ten thousands nine hundreds only	10,900.00
g	Repairing and reconditioning of Star-delta Starter 7.50 HP	1 Nos.		1 No. (One Number)	8500.00	Rupees eight thousands five hundreds only	8,500.00
h	Repairing and reconditioning of DOL Starter 1 HP	1 Nos.		1 No. (One Number)	1600.00	Rupees one thousand six hundreds only	1,600.00
i	Repairing and reconditioning of DOL Starter 3 HP	1 Nos.		1 No. (One Number)	2400.00	Rupees two thousands four hundreds only	2,400.00
j	Repairing and reconditioning of DOL Starter 5 HP	1 Nos.		1 No. (One Number)	3500.00	Rupees three thousands five hundreds only	3,500.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
3	Attending cable fault with replacing 600m of cable at Headworks infiltration well to Collection sump						-
a	PVC Insulated 3 core flat type copper cable-10 sq.mm	5 m		1 M (One Metre)	435.00	Rupees four hundreds thirty five only	2,175.00
b	laying of 10 sqmm Copper cable below GL including earth work	5 m		1 M (One Metre)	160.00	Rupees one hundred sixty only	800.00
4	Supply of 50mm PVC 6Ksc pipe for laying of 10 sqmm Copper cable below GL	5 m		1 M (One Metre)	69.50	Rupees sixty nine and paise fifty only	347.50
a	Supply and delivery fixing of the following Electrical works:consumable items at the site of work carry out the general maintenance works						-
b	Volt meter SR 96 600 V-AC	1 Nos.		1 No. (One Number)	905.00	Rupees nine hundreds five only	905.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
c	Ammeter SR 96 5D/5A C.T.operated	1 Nos.		1 No. (One Number)	791.00	Rupees seven hundreds ninety one only	791.00
d	150 mm upto 60 Kg/Cm2 with s.s.case	1 Nos.		1 No. (One Number)	1713.00	Rupees one thousand seven hundreds thirteen only	1,713.00
e	LED Outdoor fittings a)30 W LED street light fittings	1 Nos.		1 No. (One Number)	2502.00	Rupees two thousands five hundreds two only	2,502.00
f	Supply, delivery and fixing of 500 AMPS porcelain Fuse unit (500V) with fuse wire in the existing place inside the pump;room for Head Works	1 Nos.		1 No. (One Number)	2740.00	Rupees two thousands seven hundreds forty only	2,740.00
g	Supply and delivery fixing of Moulded case circuit breaker (MCCB) with thermo magneticRelease 63-100 AMPS 3 Pole	1 Nos.		1 No. (One Number)	10329.00	Rupees ten thousands three hundreds twenty nine only	10,329.00
h	Supply and delivery fixing of Moulded case circuit breaker (MCCB) with thermo magneticRelease 125 AMPS 3 Pole	1 Nos.		1 No. (One Number)	14263.00	Rupees fourteen thousands two hundreds sixty three only	14,263.00
5	Supply and delivery fixing of 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	10 KVAR		1 KVAR	315.00	Rupees three hundreds fifteen only	3,150.00
	TOTAL -A3						575,015.50

Outsourcing of Operation and Maintenance of CWSS to T.Palur and 212 Habitations in T.Palur union in Ariyalur District for the year 2022-23 (Period from 16.06.2022 to 31.03.2023 - 9.5 Months)

Cleaning of all storage points like Sumps of various capacities

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
1	Cleaning of all storage points like sumps of various capacities available in this scheme 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.		specified in Clause 2.8 of General conditions of Contract Part II				-
a	4.00 LL capacity of Collection sump @ Arankottai HW	1 Nos.		1 No. (One Number)	13,173.42	Rupees thirteen thousands one hundred seventy three and paise forty two only	13,173.42
b	4.00 LL capacity of sump @ Sripuranthan BS	1 Nos.		1 No. (One Number)	13,173.42	Rupees thirteen thousands one hundred seventy three and paise forty two only	13,173.42
c	2.00 LL capacity of sump @T. Palur BS	1 Nos.		1 No. (One Number)	10,579.62	Rupees ten thousands five hundreds seventy nine and paise sixty two only	10,579.62
d	0.60 LL capacity of sump @ Sathambadi	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
e	0.60 LL capacity of sump @ Karaikurichy	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
f	1.00 LL capacity of sump @ Vikkaramangalam BS	1 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	7,973.67

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
g	0.60 LL capacity of sump @ Keelanatham	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
h	0.30 LL capacity of sump @ Gunamangalam	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
i	1.00 LL capacity of sump @ Venmankondam	1 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	7,973.67
j	0.30 LL capacity of sump @ Uilliyakudi	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
k	0.10 LL capacity of sump @ Periyar Nagar	1 Nos.		1 No. (One Number)	3,422.70	Rupees three thousands four hundreds twenty two and paise seventy only	3,422.70
l	0.60 LL capacity of sump @ Saveriyarpatty	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
m	0.30 LL capacity of sump @ Arulmohzli	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
n	0.30 LL capacity of sump @ Cholamadevi	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
o	0.30 LL capacity of sump @ Ayeepalayam	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
p	0.30 LL capacity of sump @ Kodalikaruppur	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
q	0.30 LL capacity of sump @ Anaikudam	1 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	4,011.04
r	0.60LL capacity of sump @ Keela Mickelpatty	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
s	1.00 LL capacity of sump @ Kandiyankollai	1 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	7,973.67
t	0.60 LL capacity of sump @ Sundaresapuram	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
u	0.60 LL capacity of sump @ Payayankarai	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
v	1.00 LL capacity of sump @ Kottiyal	1 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	7,973.67
w	0.60 LL capacity of sump @ Kasankottai	1 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	5,965.04
	TOTAL -A4						148,041.44