

COVER II

***Operation and Maintenance of CWSS to 141
Habitations (PART-II of CWSS to 212 Habs) in
Anthanalur, Manikandam and Manapparai
Unions in Trichy District for the period from
15.06.2022 to 31.03.2023 (9.50 months)***

PRICE BID



Operation and Maintenance of CWSS to 141 Habitations (PART-II of CWSS to 212 Habs) in Anthanallur, Manikandam and Manapparai Unions in Trichy District for the period from 15.06.2022 to 31.03.2023 (9.50 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, pipelines valves and appurtenances, water Retaining structures	6,897,247.27
2	A2	Attending LEAKS and BURST of the Pipe lines	1,153,262.56
3	A3	Carrying out the repair works of the Electrical, Mechanical and Electro-Mechanical item	415,600.00
4	A4	Cleaning of all storage points like sumps of various capacities	272,644.74
		TOTAL	8,738,754.57
Rupees Eighty Seven Lakhs thirty eight thousand seven hundred and fifty four and paise fifty four 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)

TENDERER

SUPERINTENDING ENGINEER/TRY

Operation and Maintenance of CWSS to 141 Habitations (PART-II of CWSS to 212 Habs) in Anthanallur, Manikandam and Manapparai Unions in Trichy District for the period from 15.06.2022 to 31.03.2023 (9.50 months)

Operation and Maintenance of the Electro Mechanical installations, equipments, components, pipelines 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 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 disinfectionof water, cleaning of all water retaining structure, electricity.	1135.77 MLD		1 MLD (One MLD)	6072.75	Rupees six thousands seventy two and paise seventy five only	6897247.268
	TOTAL -A1						6897247.268

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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)						
i	300mm DI K7 CL	8.00 Nos.		1 No. (One Number)	9113.56	Rupees nine thousands one hundred thirteen and paise fifty six only	72,908.48
ii	250mm DI K7	16.00 Nos.		1 No. (One Number)	6321.83	Rupees six thousands three hundreds twenty one and paise eighty three only	101,149.28
iii	300mm MS	4.00 Nos.		1 No. (One Number)	9365.70	Rupees nine thousands three hundreds sixty five and paise seventy only	37,462.80
iv	250mm MS	5.00 Nos.		1 No. (One Number)	6081.00	Rupees six thousands eighty one only	30,405.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
v	200mm PVC 4 KSC	43.00 Nos.		1 No. (One Number)	5629.00	Rupees five thousands six hundreds twenty nine only	242,047.00
vi	160mm PVC 4 KSC	52.00 Nos.		1 No. (One Number)	4121.00	Rupees four thousands one hundred twenty one only	214,292.00
vii	140mm PVC 4 KSC	25.00 Nos.		1 No. (One Number)	2772.00	Rupees two thousands seven hundreds seventy two only	69,300.00
viii	110mm PVC 4 KSC	49.00 Nos.		1 No. (One Number)	2477.00	Rupees two thousands four hundreds seventy seven only	121,373.00
ix	90mm PVC 4 KSC	40.00 Nos.		1 No. (One Number)	1785.00	Rupees one thousand seven hundreds eighty five only	71,400.00
x	75mm PVC 4 KSC	29.00 Nos.		1 No. (One Number)	1455.00	Rupees one thousand four hundreds fifty five only	42,195.00
xi	63mm PVC 4 KSC	57.00 Nos.		1 No. (One Number)	1390.00	Rupees one thousand three hundreds ninety only	79,230.00
xii	50mm PVC 6 KSC	52.00 Nos.		1 No. (One Number)	1375.00	Rupees one thousand three hundreds seventy five only	71,500.00
	TOTAL - A2						1,153,262.56

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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.	
1	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)						-
I	Repair work of Motor						-
a	5 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	21200.00	Rupees twenty one thousands two hundreds only	21,200.00
b	3 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	18700.00	Rupees eighteen thousands seven hundreds only	18,700.00
c	50 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	61000.00	Rupees sixty one thousands only	61,000.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
d	15 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	35600.00	Rupees thirty five thousands six hundreds only	35,600.00
e	30 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	43700.00	Rupees forty three thousands seven hundreds only	43,700.00
f	3 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	18700.00	Rupees eighteen thousands seven hundreds only	18,700.00
g	10 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	28400.00	Rupees twenty eight thousands four hundreds only	28,400.00
h	2 HP -Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	14100.00	Rupees fourteen thousands one hundred only	14,100.00
i	7.5 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	25500.00	Rupees twenty five thousands five hundreds only	25,500.00
j	1 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	12000.00	Rupees twelve thousands only	12,000.00
k	2 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	14100.00	Rupees fourteen thousands one hundred only	14,100.00
II	Repair work of Starter						-
a	85 HP - Vertical Turbine Pumpset	1.00 Nos.		1 No. (One Number)	67700.00	Rupees sixty seven thousands seven hundreds only	67,700.00
b	50 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	25600.00	Rupees twenty five thousands six hundreds only	25,600.00

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
c	5 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	3500.00	Rupees three thousands five hundreds only	3,500.00
d	3 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	2400.00	Rupees two thousands four hundreds only	2,400.00
e	10 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	10700.00	Rupees ten thousands seven hundreds only	10,700.00
f	7.5 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	8500.00	Rupees eight thousands five hundreds only	8,500.00
g	3 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	2400.00	Rupees two thousands four hundreds only	2,400.00
h	2 HP - Open well Submersible Pumpset	1.00 Nos.		1 No. (One Number)	1800.00	Rupees one thousand eight hundreds only	1,800.00
	TOTAL -A3						415,600.00

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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 at a frequency of once in Six 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.						-
a	Group Sump at Kodyalam - 125000 Ltr	2.00 Nos.		1 No. (One Number)	8,721.88	Rupees eight thousands seven hundreds twenty one and paise eighty eight only	17,443.76
b	Group Sump at Koppu - 235000 Ltr	2.00 Nos.		1 No. (One Number)	10,592.38	Rupees ten thousands five hundreds ninety two and paise thirty eight only	21,184.76
c	Group Sump at Puliur - 85000 Ltr	2.00 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	15,947.34
d	Booster Station at Keeriakkalmedu - 175000 Ltr	2.00 Nos.		1 No. (One Number)	10,107.02	Rupees ten thousands one hundred seven and paise two only	20,214.04
e	Group Sump at Ammapettai - 100000 Ltr	2.00 Nos.		1 No. (One Number)	7,973.67	Rupees seven thousands nine hundreds seventy three and paise sixty seven only	15,947.34

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
f	Group Sump at Narayanapuram - 180000 Ltr	2.00 Nos.		1 No. (One Number)	10,579.62	Rupees ten thousands five hundreds seventy nine and paise sixty two only	21,159.24
g	Booster station at K.Periyappatti - 105000 Ltr	2.00 Nos.		1 No. (One Number)	8,721.88	Rupees eight thousands seven hundreds twenty one and paise eighty eight only	17,443.76
h	K.Periyappatti Group Sump - 55000. Ltr	2.00 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	11,930.08
i	Group Sump at Mondipatti - 45000 Ltr	2.00 Nos.		1 No. (One Number)	4,985.99	Rupees four thousands nine hundreds eighty five and paise ninety nine only	9,971.98
j	Group Sump at Thoppampatti - 35000 Ltr	2.00 Nos.		1 No. (One Number)	4,985.99	Rupees four thousands nine hundreds eighty five and paise ninety nine only	9,971.98
k	Group Sump at Samuthiram - 60000 Ltr	2.00 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	11,930.08

S. No	Description of work	Quantity	Specifications	Unit	Rate		Amount
					in figures	in words.	
l	Group Sump at Kanudayanpatti - 135000 Ltr	2.00 Nos.		1 No. (One Number)	9,635.47	Rupees nine thousands six hundreds thirty five and paise forty seven only	19,270.94
m	Group Sump at Seegampatti - 60000 Ltr	2.00 Nos.		1 No. (One Number)	5,965.04	Rupees five thousands nine hundreds sixty five and paise four only	11,930.08
n	Group Sump at Usilampatti - 30000 Ltr	2.00 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	8,022.08
o	Booster Station at F.Keelaiyur (Chinnamanappatti) - 30000 Ltr	2.00 Nos.		1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	8,022.08
p	F Keelaiyur Group Sump (Chinnamanappatti) - 15000 Ltr	2.00 Nos.		1 No. (One Number)	3,422.70	Rupees three thousands four hundreds twenty two and paise seventy only	6,845.40
q	Booster Station at Pannappatti - 40000 Ltr	2.00 Nos.		1 No. (One Number)	4,985.99	Rupees four thousands nine hundreds eighty five and paise ninety nine only	9,971.98
r	Pannappatti Group Sump - 115000. Ltr	2.00 Nos.		1 No. (One Number)	8,721.88	Rupees eight thousands seven hundreds twenty one and paise eighty eight only	17,443.76

S. No	Description of work	Quantity		Specifications	Unit	Rate		Amount
						in figures	in words.	
s	Group Sump at Puthanatham - 40000 Ltr	2.00 Nos.			1 No. (One Number)	4,985.99	Rupees four thousands nine hundreds eighty five and paise ninety nine only	9,971.98
T	Group Sump at Vengaikuruchi - 25000 Ltr	2.00 Nos.			1 No. (One Number)	4,011.04	Rupees four thousands eleven and paise four only	8,022.08
	TOTAL -4							272,644.74