

SE 1-2

SCHEDULE - A1

Name of Works : Outsourcing for Operation and Maintenance of the 1).CWSS To Kilpennathur Town Panchayat and 157 habitations in Kilpennathur Union in Thiruvannamalai district and 2).CWSS to Vettavalam TP and Vaipur habitation in Thiruvannamalai 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 Kilpennathur Town Panchayat and 157 habitations in Kilpennathur 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	570.257	1 MLD	5671.68	Rupees Five Thousand Six Hundred Seventy One and Paise Sixty Eight Only	3234315.22
					Total Rs. - I	3234315.22
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	50mm OD PVC 6 KSC pipes	1	Nos	1110.00	Rupees One Thousand One Hundred Ten and Paise Zero Only	1110.00
1.2.2	63mm OD PVC 4 KSC pipes	1	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	1068.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.2.3	75mm OD PVC 6 KSC pipes	1	Nos	1165.00	Rupees One Thousand One Hundred Sixty Five and Paise Zero Only	1165.00
1.2.4	90mm OD PVC 4 KSC pipes	2	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	2320.00
1.2.5	110mm OD PVC 4 KSC pipes	5	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	7825.00
1.2.6	140mm OD PVC 4 KSC pipes	5	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	8740.00
1.2.7	160mm OD PVC 4 KSC pipes	2	Nos	1912.00	Rupees One Thousand Nine Hundred Twelve and Paise Zero Only	3824.00
1.2.8	150mm AC Pipe Leak	2	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	7060.00
1.2.9	150mm AC Pipe Cur Barrel	2	Nos	4900.00	Rupees Four Thousand Nine Hundred and Paise Zero Only	9800.00
1.2.10	200mm AC Pipe Leak	4	Nos	3800.00	Rupees Three Thousand Eight Hundred and Paise Zero Only	15200.00
1.2.11	250mm AC Pipe Leak	15	Nos	4100.00	Rupees Four Thousand One Hundred and Paise Zero Only	61500.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.2.12	250mm AC Pipe Cur Barrel	5	Nos	5500.00	Rupees Five Thousand Five Hundred and Paise Zero Only	27500.00
					Total Rs. - II	147112.00
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	3HP	1	Job	14950.00	Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only	14950.00
1.3.2	5 HP	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
1.3.3	7.5 HP	1	Job	21050.00	Rupees Twenty One Thousand Fifty and Paise Zero Only	21050.00
1.3.4	10 HP	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.)
1.3.5	25 HP	1	Job	38350.00	Rupees Thirty Eight Thousand Three Hundred Fifty and Paise Zero Only	38350.00
1.3.6	35 HP	1	Job	47700.00	Rupees Forty Seven Thousand Seven Hundred and Paise Zero Only	47700.00
					Total Rs. - III	164200.00
1.4.0	Supply , delivery and fixing of following Electrical items					
1.4.1	Supply and fixing of 20 A to 30 A directly operated bimetallic thermal over load relay which operates in case of over load and also in case of under voltage with manual and auto reset model	1	Nos	2963.00	Rupees Two Thousand Nine Hundred Sixty Three and Paise Zero Only	2963.00
1.4.2	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32 Amps rating conforming to IS / IEC 60947	1	Nos	4343.00	Rupees Four Thousand Three Hundred Forty Three and Paise Zero Only	4343.00
1.4.3	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	1	Nos	1152.00	Rupees One Thousand One Hundred Fifty Two and Paise Zero Only	1152.00
1.4.4	Supply and delivery of 100 Amps porcelain fuse (500v)	1	Nos	340.30	Rupees Three Hundred Forty and Paise Thirty Only	340.30
1.4.5	Supply and fixing of 100 Amps three phase 500 V 4 pole change over switch	1	Nos	5127.00	Rupees Five Thousand One Hundred Twenty Seven and Paise Zero Only	5127.00
1.4.6	Charges for removing the burnt power capacitor and labour charges for fixing the new 2 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	Nos	315.00	Rupees Three Hundred Fifteen and Paise Zero Only	315.00
					Total Rs. - IV	14240.30

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.5.0	Supply and delivery of the following Electrical Works : consumable items at the site of work to carryout the general maintenace works					
1.5.1	Volt Meter	1	Nos	905.00	Rupees Nine Hundred Five and Paise Zero Only	905.00
1.5.2	Ammeter	1	Nos	791.00	Rupees Seven Hundred Ninety One and Paise Zero Only	791.00
1.5.3	Bulbs (LED / Tube / Incandescent / others)	1	Nos	2502.00	Rupees Two Thousand Five Hundred Two and Paise Zero Only	2502.00
1.5.4	choke	1	Nos	450.00	Rupees Four Hundred Fifty and Paise Zero Only	450.00
1.5.5	5 HP Starter	1	Nos	17355.00	Rupees Seventeen Thousand Three Hundred Fifty Five and Paise Zero Only	17355.00
1.5.6	10 HP Starter	1	Nos	22070.00	Rupees Twenty Two Thousand Seventy and Paise Zero Only	22070.00
1.5.7	15 HP Starter	1	Nos	23938.00	Rupees Twenty Three Thousand Nine Hundred Thirty Eight and Paise Zero Only	23938.00
1.5.8	25 HP Starter	1	Nos	23938.00	Rupees Twenty Three Thousand Nine Hundred Thirty Eight and Paise Zero Only	23938.00
					Total Rs. - V	91949.00
					Sub Total Rs. - I	36,51,816.52

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.0.0	CWSS to Vettavalam TP and Vaipur habitation 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 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 .	245.565	1 MLD	2320.60	Rupees Two Thousand Three Hundred Twenty and Paise Sixty Only	569858.14
					Total Rs. - I	569858.14
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	200mm AC Pipe Leak	1	Nos	3800.00	Rupees Three Thousand Eight Hundred and Paise Zero Only	3800.00
2.2.2	200mm AC Pipe Leak	1	Nos	5200.00	Rupees Five Thousand Two Hundred and Paise Zero Only	5200.00
					Total Rs. - II	9000.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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	10 HP	1	Job	24400.00	Rupees Twenty Four Thousand Four Hundred and Paise Zero Only	24400.00
2.3.2	25 HP	1	Job	38350.00	Rupees Thirty Eight Thousand Three Hundred Fifty and Paise Zero Only	38350.00
					Total Rs. - III	62750.00
					Sub Total Rs. - II	641608.14
					Grand Total Rs.	42,93,424.66

Total Rs.4293424.660760

Rupees Forty Two Lakhs Ninety Three Thousand Four Hundred Twenty Four and Paise Sixty Six 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.