

EE 4-1

SCHEDULE - A1

Name of Works : Outsourcing for Operation and Maintenance of the 1)CWSS to Chengam TP, Pudupalayam TP and 40 way side habitation in Chengam, Pudupalayam Unions in Thiruvannamalai district, 2)CWSS to Padavedu and 46 other rural habitations in Tiruvannamalai district, 3)WSS to Aavin Dairy cum Powder Plant at Ammapalayam in Tiruvannamalai district for the period from 01.06.2022 to 31.03.2023 (for 10 Months).

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.0.0	CWSS to Chengam TP, Pudupalayam TP and 40 way side habitation in Chengam, Pudupalayam Unions 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 .	308.160	1 MLD	8329.62	Rupees Eight Thousand Three Hundred Twenty Nine and Paise Sixty Two Only	2566855.70
					Total Rs. - I	2566855.70
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	2	Nos	1110.00	Rupees One Thousand One Hundred Ten and Paise Zero Only	2220.00
1.2.2	63mm OD PVC 4 KSC pipes	2	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	2136.00

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.

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	1	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	1160.00
1.2.5	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00
1.2.6	140mm OD PVC 4 KSC pipes	1	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	1748.00
1.2.7	140mm OD PVC 6 KSC pipes	11	Nos	1966.00	Rupees One Thousand Nine Hundred Sixty Six and Paise Zero Only	21626.00
1.2.8	200mm OD PVC 4 KSC pipes	8	Nos	2871.00	Rupees Two Thousand Eight Hundred Seventy One and Paise Zero Only	22968.00
1.2.9	250mm OD PVC 4 KSC pipes	6	Nos	2871.00	Rupees Two Thousand Eight Hundred Seventy One and Paise Zero Only	17226.00
					Total Rs. - II	71814.00
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					

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
1.3.1	3HP	3	Job	14950.00	Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only	44850.00
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	12.5 HP HSC	1	Job	26600.00	Rupees Twenty Six Thousand Six Hundred and Paise Zero Only	26600.00
					Total Rs. - III	110250.00
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	2	Nos	1152.00	Rupees One Thousand One Hundred Fifty Two and Paise Zero Only	2304.00
1.4.4	Supply and delivery of 100 Amps porcelain fuse (500v)	3	Nos	340.30	Rupees Three Hundred Forty and Paise Thirty Only	1020.90
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.	4	Nos	315.00	Rupees Three Hundred Fifteen and Paise Zero Only	1260.00
					Total Rs. - IV	17017.90

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.

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
					Total Rs. - V	22003.00
					Sub Total Rs. - I	27,87,940.60
2.0.0	CWSS to Padavedu and 46 other rural 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 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 .	201.331	1 MLD	4941.98	Rupees Four Thousand Nine Hundred Forty One and Paise Ninety Eight Only	994973.78
					Total Rs. - I	994973.78

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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	50mm OD PVC 6 KSC pipes	1	Nos	1110.00	Rupees One Thousand One Hundred Ten and Paise Zero Only	1110.00
2.2.2	63mm OD PVC 4 KSC pipes	1	Nos	1068.00	Rupees One Thousand Sixty Eight and Paise Zero Only	1068.00
2.2.3	63mm OD PVC 6 KSC pipes	1	Nos	1110.00	Rupees One Thousand One Hundred Ten and Paise Zero Only	1110.00
2.2.4	75mm OD PVC 4 KSC pipes	1	Nos	1105.00	Rupees One Thousand One Hundred Five and Paise Zero Only	1105.00
2.2.5	75mm OD PVC 6 KSC pipes	1	Nos	1165.00	Rupees One Thousand One Hundred Sixty Five and Paise Zero Only	1165.00
2.2.6	90mm OD PVC 4 KSC pipes	1	Nos	1160.00	Rupees One Thousand One Hundred Sixty and Paise Zero Only	1160.00
2.2.7	90mm OD PVC 6 KSC pipes	1	Nos	1249.00	Rupees One Thousand Two Hundred Forty Nine and Paise Zero Only	1249.00
2.2.8	110mm OD PVC 4 KSC pipes	1	Nos	1565.00	Rupees One Thousand Five Hundred Sixty Five and Paise Zero Only	1565.00
2.2.9	110mm OD PVC 6 KSC pipes	1	Nos	1689.00	Rupees One Thousand Six Hundred Eighty Nine and Paise Zero Only	1689.00

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
2.2.10	140mm OD PVC 4 KSC pipes	2	Nos	1748.00	Rupees One Thousand Seven Hundred Forty Eight and Paise Zero Only	3496.00
2.2.11	140mm OD PVC 6 KSC pipes	1	Nos	1966.00	Rupees One Thousand Nine Hundred Sixty Six and Paise Zero Only	1966.00
2.2.12	160mm OD PVC 6 KSC pipes	5	Nos	2200.00	Rupees Two Thousand Two Hundred and Paise Zero Only	11000.00
					Total Rs. - II	27683.00
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	2HP	1	Job	12700.00	Rupees Twelve Thousand Seven Hundred and Paise Zero Only	12700.00
2.3.2	3HP	1	Job	14950.00	Rupees Fourteen Thousand Nine Hundred Fifty and Paise Zero Only	14950.00
2.3.3	5HP	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
2.3.4	15HP	1	Job	31100.00	Rupees Thirty One Thousand One Hundred and Paise Zero Only	31100.00
					Total Rs. - III	76500.00
					Sub Total Rs. - II	10,99,156.78

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.

S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
3.0.0	WSS to Aavin Dairy cum Powder Plant at Ammapalayam 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 .	128.400	1 MLD	5847.92	Rupees Five Thousand Eight Hundred Forty Seven and Paise Ninety Two Only	750872.93
					Total Rs. - I	750872.93
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	150mm DI K7 Pipe Leak	4	Nos	3530.00	Rupees Three Thousand Five Hundred Thirty and Paise Zero Only	14120.00
					Total Rs. - II	14120.00

Contractor

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S. No.	Description of Work	Quantity	Unit	Rate (Both in figures and words)		Amount (in Rs.)
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					
3.3.1	5 HP	1	Job	17750.00	Rupees Seventeen Thousand Seven Hundred Fifty and Paise Zero Only	17750.00
3.3.2	25 HP	1	Job	38350.00	Rupees Thirty Eight Thousand Three Hundred Fifty and Paise Zero Only	38350.00
					Total Rs. - III	56100.00
					Sub Total Rs. - III	821092.93
					Grand Total Rs.	47,08,190.30

Total Schedule Value Rs.4708190.30258

Rupees Forty Seven Lakhs Eight Thousand One Hundred Ninety and Paise Thirty 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.

Contractor

Executive Engineer, TWAD Board,
RWS Division, Thiruvannamalai.