

GENERAL ABSTRACT

Sl. No.	Schedule No	Name of Components	BOQ Value in Rupees
1	A 1	CWSS to Sholamur & 25 other habitation in K.V.Kuppam Union in Vellore Disrict	945565.04
2	A 2	CWSS to Senji & 28 other habitation in K.V.Kuppam Union in Vellore Disrict	733210.73
3	A 3	CWSS to Sethuvandai & 4 other habitation in K.V.Kuppam Union in Vellore Disrict	329307.66
		Total	Rs. 2008083.43

(Rupees Twenty Lakhs eight thousand eighty three and paise forty three 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)

SCHEDULE - A1

NAME OF WORK : Operation and Maintenance of the following CWSS to Sholamur & 25 other habitation in K.V.Kuppam Union in Vellore District for period of 10 months from 01.06.2022 to 31.03.2023

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and 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, 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	207.40	Rs.4124.83 (Rupees four Thousand one hundred twenty four and Paise eight three only)	855489.74

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
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>(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 specification has to be mentioned under the clause 1.7 of GCC - Part- I)</i>				
i)	63mm OD PVC 4 KSC pipes	m	2	Rs.1068.00 (Rupees one Thousand sixty eight only)	2136.00
ii	75mm OD PVC 4 KSC pipes	m	2	Rs.1105.00 (Rupees one Thousand one hundred five only)	2210.00
iii	90mm OD PVC 4 KSC pipes	m	2	Rs.1160.00 (Rupees one Thousand one hundred sixty only)	2320.00
iv	110mm OD PVC 4 KSC pipes	m	2	Rs.1565.00 (Rupees one Thousand five hundred sixty five only)	3130.00
v	110mm OD PVC 6 KSC pipes	m	2	Rs.1689.00 (Rupees one Thousand six hundred eighty nine only)	3378.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
3	Rewinding of Motors in pumping stations ied 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 2.2.6 of General conditions of Contract Part II.				
i	Rewinding of coil for (500lpmX25m) 5HP Motor of Open well type submersible Pumpsets including all material, labour, etc.	No.	3	Rs.17750.00 (Rupees seventeen Thousand seven hundred fifty only)	53250.00
4	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works				

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
i	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	No.	1	Rs.2963.00 (Rupees Two Thousand nine hundred sixty three only)	2963.00
ii	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32 Amps rating conforming to IS / IEC 60947	No.	1	Rs.4343.00 (Rupees four Thousand three hundred fourty three only)	4343.00
iii	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	No.	1	Rs.1152.00 (Rupees one Thousand one hundred fifty two only)	1152.00
iv	Supply and delivery of 100 Amps porcelain fuse (500v)	No.	1	Rs.340.30 (Rupees three hundred fourty and paise thirty only)	340.30
v	Supply and fixing of 100 Amps three phase 500 V 4 pole change over switch	No.	1	Rs.5127.00 (Rupees five Thousand one hundred twenty seven only)	5127.00
vi	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.	No.	1	Rs.315.00 (Rupees three hundred fifteen only)	315.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
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)	0.10 LL capacity of sump	No.	1	Rs.2236.00 (Rupees two Thousand two hundred thirty six only)	2236.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
6	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works				
i	50mm GM Gate Valve	No.	1	Rs.2062.00 (Rupees two Thousand sixty two only)	2062.00
ii	80mm GM Gate Valve	No.	1	Rs.5113.00 (Rupees five Thousand one hundred thirteen only)	5113.00
	Total			Rs.	945565.04

(Rupees nine Lakhs fourty five thousand five hundred sixty five and paise four only)

SCHEDULE - A2

NAME OF WORK : Operation and Maintenance of the following CWSS to Senji & 28 other habitation in K.V.Kuppam Union in Vellore District for period of 10 months from 01.06.2022 to 31.03.2023

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and 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, 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	173.85	Rs.3648.32 (Rupees three Thousand six hundred forty eight and Paise thirty two only)	634260.43
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. <u>(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 specification has to be mentioned under the clause 1.7 of GCC - Part- I)</u>				

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
i)	63mm OD PVC 4 KSC pipes	M	2	Rs.1068.00 (Rupees one Thousand sixty eight only)	2136.00
ii)	63mm OD PVC 6 KSC pipes	M	2	Rs.1110.00(Rupees one Thousand one hundred ten only)	2220.00
iii)	75mm OD PVC 4 KSC pipes	M	2	Rs.1105.00 (Rupees one Thousand one hundred five only)	2210.00
iv)	75mm OD PVC 6 KSC pipes	M	2	Rs.1165.00 (Rupees one Thousand one hundred sixty five only)	2330.00
v)	90mm OD PVC 4 KSC pipes	M	1	Rs.1160.00 (Rupees one Thousand one hundred sixty only)	1160.00
vi)	90mm OD PVC 6 KSC pipes	M	1	Rs.1249.00 (Rupees one Thousand two hundred forty nine only)	1249.00
vii)	110mm OD PVC 4 KSC pipes	M	1	Rs.1565.00 (Rupees one Thousand five hundred sixty five only)	1565.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
viii)	110mm OD PVC 6 KSC pipes	M	1	Rs.1689.00 (Rupees one Thousand six hundred eighty nine only)	1689.00
3	Rewinding of Motors in pumping stations ied 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 2.2.6 of General conditions of Contract Part II.				
i)	Rewinding of coil for 500LPMx25m =5HP Motor of Open well type submersible Pumpsets including all material, labour, etc.	No.	2	Rs.17750.00 (Rupees seventeen Thousand seven hundred fifty only)	35500.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
4	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works				
i	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	No.	1	Rs.2963.00(Rupees Two Thousand nine hundred sixty three only)	2963.00
ii	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32 Amps rating conforming to IS / IEC 60947	No.	1	Rs.4343.00 (Rupees four Thousand three hundred fourty three only)	4343.00
iii)	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	No.	1	Rs.1152.00 (Rupees one Thousand one hundred fifty two only)	1152.00
iv)	Supply and delivery of 100 Amps porcelain fuse (500v)	No.	1	Rs.340.30 (Rupees three hundred fourty and paise thirty only)	340.30
v	Supply and fixing of 100 Amps three phase 500 V 4 pole change over switch	No.	1	Rs.5127.00 (Rupees five Thousand one hundred twenty seven only)	5127.00
vi	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.	No.	9	Rs.315.00 (Rupees three hundred fifteen only)	2835.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
5	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works				
i	Volt Meter	No.	1	Rs.905.00 (Rupees nine hundred five only)	905.00
ii	Ammeter	No.	1	Rs.791.00 (Rupees seven hundred ninty one only)	791.00
iii)	Bulbs (LED / Tube / Incandescent / others)	No.	1	Rs.2502.00 (Rupees two Thousand five hundred two only)	2502.00
iv)	Choke	No.	5	Rs.450.00 (Rupees four hundred fifty only)	2250.00
v	7.5 H.P.Starter	No.	1	Rs.18220.00 (Rupees Eighteen Thousand two hundred twenty only)	18220.00
6	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenace works				
i	50mm GM Gate Valve	No.	1	Rs.2062.00 (Rupees two Thousand sixty two only)	2062.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
ii	80mm GM Gate Valve	No.	1	Rs.5113.00 (Rupees five Thousand one hundred thirteen only)	5113.00
iii)	R I Sheet	KG	3	Rs.96.00 (Rupees ninty six only)	288.00
	Total			Rs.	733210.73

(Rupees seven Lakhs thirty three thousand two hundred ten and paise seventy three only)

SCHEDULE - A3

NAME OF WORK : Operation and Maintenance of the following CWSS to Sethuvandai & 4 other habitation in K.V.Kuppam Union in Vellore District for period of 10 months from 01.06.2022 to 31.03.2023

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and 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, 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	77.78	Rs.3546.91 (Rupees three Thousand five hundred forty six and Paise nity one only)	275878.66
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. <u>(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)</u>				
i)	90mm OD PVC 4 KSC pipes	M	3	Rs.1160.00(Rup ees one Thousand one hundred sixty only)	3480.00
ii)	110mm OD PVC 4 KSC pipes	M	4	Rs.1565.00 (Rupees one Thousand five hundred sixty five only)	6260.00
iii)	140mm OD PVC 4 KSC pipes	M	4	Rs.1748.00 (Rupees seventeen Thousand seven hundred fourty eight only)	6992.00

S. No.	Description of Work	Unit	Quantity	Rate (Both in figures and words)	Amount (in Rs.)
3	Rewinding of Motors in pumping stations ied 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 2.2.6 of General conditions of Contract Part II.				
i)	Rewinding of coil for 500Lpm X50m-7.5HP Motor of Open well type submersible Pumpsets including all material, labour, etc.	No.	1	Rs.21050.00 (Rupees Twenty one Thousand fifty only)	21050.00
4	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works				
i	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	No.	1	Rs.2963.00 (Rupees Two Thousand nine hundred sixty three only)	2963.00
ii	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 32 Amps rating conforming to IS / IEC 60947	No.	1	Rs.4343.00 (Rupees four Thousand three hundred fourty three only)	4343.00
iii)	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	No.	1	Rs.1152.00 (Rupees one Thousand one hundred fifty two only)	1152.00
iv	Supply and fixing of 100 Amps three phase 500 V 4 pole change over switch	No.	1	Rs.5127.00 (Rupees five Thousand one hundred twenty seven only)	5127.00
5	Supply and delivery of the following Electrical Works :consumable items at the site of work to carryout the general maintenace works				
i	50mm GM Gate Valve	No.	1	Rs.2062.00 (Rupees two Thousand sixty two only)	2062.00
	Total			Rs.	329307.66

(Rupees three Lakhs twenty nine thousand three hundred seven and paise sixty six only)