

SCHEDULE - A

NAME OF WORK : OPERATION AND MAINTENANCE OF CWSS TO MODAKKURICHI RTP, PASUR RTP , KILAMBADI RTP & 24 OTHER RURAL HABITATIONS IN MODAKKURICHI UNION OF ERODE DISTRICT(OLD) AND CWSS TO MODAKURICHI TP AND 36 OTHER HABITATIONS IN ERODE DISTRICT(NEW) FOR THE PERIOD FROM 01.06.2022 TO 31.03.2023

S. No.	Description of Work	Propable Qty		Rate in (in Rs.)			Amount (in Rs.)
		Quantity	Unit	Figures	Words	Unit	
1a	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 in XII LABOUR DATA, carrying out the O&M as per standard operating procedures, Acts and rules in force etc., complete and as directed by TWAD Board Oficers 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 . CWSS TO MODAKURUCHI OLD	881.60	MLD	2199.48	Rupees two thousand one hundred ninety nine and paise forty eight only	1MLD (One MLD Each)	1939061.57

1b	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 in XII LABOUR DATA, 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 . CWSS TO MODAKURUCHI NEW	343.52	MLD	5280.07	Rupees five thousand two hundred eighty and paise seven only	1MLD (One MLD Each)	1813809.65
I	CWSS TO MODAKURUCHI OLD						
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	3	Nos	1114.00	Rupees one thousand one hundred fourteen only	1 No (Each)	3342.00
ii)	63mm OD PVC 6 KSC pipes	3	Nos	1155.00	Rupees one thousand one hundred fifty five only	1 No (Each)	3465.00

iii)	75mm OD PVC 6 KSC pipes	2	Nos	1170.00	Rupees one thousand one hundred seventy only	1 No (Each)	2340.00
iv)	90mm OD PVC 4 KSC pipes	5	Nos	1166.00	Rupees one thousand one hundred sixty six only	1 No (Each)	5830.00
v)	90mm OD PVC 6 KSC pipes	5	Nos	1256.00	Rupees one thousand two hundred fifty six only	1 No (Each)	6280.00
vi)	110mm OD PVC 6 KSC pipes	6	Nos	1703.00	Rupees one thousand seven hundred three only	1 No (Each)	10218.00
vii)	140mm OD PVC 6 KSC pipes	30	Nos	1990.00	Rupees one thousand nine hundred ninety only	1 No (Each)	59700.00
viii)	200mm DI K7 pipes	1	No.	4973.00	Rupees four thousand nine hundred seventy three only	1 No (Each)	4973.00
ix)	250mm DI K7 pipes	1	No.	5917.00	Rupees five thousand nine hundred seventeen only	1 No (Each)	5917.00
x)	125mm GI M pipe	1	No.	710.00	Rupees seven hundred ten only	1 No (Each)	710.00
xi)	80mm GI M pipe	1	No.	710.00	Rupees seven hundred ten only	1 No (Each)	710.00
xii)	50mm GI M pipe	1	No.	453.00	Rupees four hundred fifty three only	1 Job (Each)	453.00

2	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.						
i)	Rewinding of burnout coil of stator in the motor of 40HP OWS pumpset at Kolanalli HW including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	38250.00	Rupees thirty eight thousand two hundred fifty only	1Job (One Each)	38250.00
ii)	Rewinding of burnout coil of stator in the motor of 35HP OWS pumpset at Malayampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	35000.00	Rupees thirty five thousand only	1Job (One Each)	35000.00
iii)	Rewinding of burnout coil of stator in the motor of 3HP OWS pumpset at Malayampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	9325.00	Rupees nine thousand three hundred twenty five only	1Job (One Each)	9325.00
iv)	Rewinding of burnout coil of stator in the motor of 30HP OWS pumpset at Solangapalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	30750.00	Rupees thirty thousand seven hundred fifty only	1Job (One Each)	30750.00
v)	Rewinding of burnout coil of stator in the motor of 7.5HP OWS pumpset at Solangapalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	13494.00	Rupees thirteen thousand four hundred ninety four only	1Job (One Each)	13494.00
vi)	Rewinding of burnout coil of stator in the motor of 5HP OWS pumpset at Solangapalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	11275.00	Rupees eleven thousand two hundred seventy five only	1Job (One Each)	11275.00
vii)	Rewinding of burnout coil of stator in the motor of 3HP OWS pumpset at Karumandampalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	9325.00	Rupees nine thousand three hundred twenty five only	1Job (One Each)	9325.00

viii)	Rewinding of burnout coil of stator in the motor of 10HP OWS pumpset at Modakuruchi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	15900.00	Rupees fifteen thousand nine hundred only	1Job (One Each)	15900.00
ix)	Rewinding of burnout coil of stator in the motor of 5HP OWS pumpset at Modakuruchi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	11275.00	Rupees eleven thousand two hundred seventy five only	1Job (One Each)	11275.00
2a) Head works at Kolanalli							
i)	Supply and delivery of 250 Amps, 4 pole, Moulded case circuit breaker (MCCB).	1	No.	34431.00	Rupees thirty four thousand four hundred thirty one only	1 No (Each)	34431.00
ii)	Supply and delivery of Triple pole 6A to 32A, 10 KA, Miniature circuit breaker (MCB).	1	No.	641.00	Rupees six hundred forty one only	1 No (Each)	641.00
iii)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 80 Amps rating conforming to IS / IEC 60947	1	No.	11218.00	Rupees eleven thousand two hundred eighteen only	1 No (Each)	11218.00
ix)	Supply and fixing of 110 A to 150 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	No.	7565.00	Rupees seven thousand five hundred sixty five only	1 No (Each)	7565.00
x)	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
xi)	Suppply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 20 KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	9220.00	Rupees nine thousand two hundred twenty only	1 No (Each)	9220.00
xii)	Supply and delivery of 500Amps porcelain fuse (500V)	1	No.	2250.00	Rupees two thousand two hundred fifty only	1 No (Each)	2250.00

xiii)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
2b) Booster Station at Malayampalayam							
i)	Supply and delivery of 200 Amps, 4 pole, Moulded case circuit breaker (MCCB).	1	No.	32737.00	Rupees thirty two thousand seven hundred thirty seven only	1 No (Each)	32737.00
ii)	Supply and delivery of Triple pole 6A to 32A, 10 KA, Miniature circuit breaker (MCB).	1	No.	641.00	Rupees six hundred forty one only	1 No (Each)	641.00
iii)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 80Amps rating conforming to IS / IEC 60947	1	No.	11218.00	Rupees eleven thousand two hundred eighteen only	1 No (Each)	11218.00
iv)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 9Amps rating conforming to IS / IEC 60947	1	No.	827.00	Rupees eight hundred twenty seven only	1 No (Each)	827.00
v)	Supply and fixing of 110 A to 150 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	No.	7565.00	Rupees seven thousand five hundred sixty five only	1 No (Each)	7565.00
vi)	Supply and fixing of 5A to 10A 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	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
vii)	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
viii)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 17KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	7837.00	Rupees seven thousand eight hundred thirty seven only	1 No (Each)	7837.00

ix)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 2KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	922.00	Rupees nine hundred twenty two only	1 No (Each)	922.00
x)	Supply and delivery of 200Amps porcelain fuse (500V)	1	No.	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
xi)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
2b) Solangapalayam Booster station							
i)	Supply and delivery of 200 Amps, 4 pole, Moulded case circuit breaker (MCCB).	1	No.	32737.00	Rupees thirty two thousand seven hundred thirty seven only	1 No (Each)	32737.00
ii)	Supply and delivery of Triple pole 6A to 32A, 10 KA, Miniature circuit breaker (MCB).	1	No.	641.00	Rupees six hundred forty one only	1 No (Each)	641.00
iii)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 80Amps rating conforming to IS / IEC 60947	1	No.	11218.00	Rupees eleven thousand two hundred eighteen only	1 No (Each)	11218.00
iv)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 18Amps rating conforming to IS / IEC 60947	1	No.	1656.00	Rupees one thousand six hundred fifty six only	1 No (Each)	1656.00
v)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 18Amps rating conforming to IS / IEC 60947	1	No.	1656.00	Rupees one thousand six hundred fifty six only	1 No (Each)	1656.00
vi)	Supply and fixing of 110 A to 150 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	No.	7565.00	Rupees seven thousand five hundred sixty five only	1 No (Each)	7565.00

vii)	Supply and fixing of 20A to 30A 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	No.	2152.00	Rupees two thousand one hundred fifty two only	1 No (Each)	2152.00
viii)	Supply and fixing of 5A to 10A 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	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
ix)	Supply , delivery and fixing of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
x)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 14KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	6454.00	Rupees six thousand four hundred fifty four only	1 No (Each)	6454.00
x)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 4KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1844.00	Rupees one thousand eight hundred forty four only	1 No (Each)	1844.00
xi)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 3KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1383.00	Rupees one thousand three hundred eighty three only	1 No (Each)	1383.00
xii)	Supply and delivery of 200Amps porcelain fuse (500V)	1	No.	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
xiii)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
xiv)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40

xv)	Supply and fixing of 63 Amps three phase 500 V 4 pole Change over switch	1	No.	3225.00	Rupees three thousand two hundred twenty five only	1 No (Each)	3225.00
2c) Karumandampalayam Booster station							
i)	Supply and delivery of Triple pole 6A to 32A, 10 KA, Miniature circuit breaker (MCB).	1	No.	641.00	Rupees six hundred forty one only	1 No (Each)	641.00
ii)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 9 Amps rating conforming to IS / IEC 60947	1	No.	827.00	Rupees eight hundred twenty seven only	1 No (Each)	827.00
iii)	Supply and fixing of 5A to 10 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 mode.	1	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
iv)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 2KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	922.00	Rupees nine hundred twenty two only	1 No (Each)	922.00
v)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
vi)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
vii)	Supply and delivery of 100Amps porcelain fuse (500V)	1	No.	340.30	Rupees three hundred forty and paise thirty only	1 No (Each)	340.30
viii)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
ix)	Supply and fixing of 16 Amps three phase 500 V 4 pole Change over switch	1	No.	1246.00	Rupees one thousand two hundred forty six only	1 No (Each)	1246.00
2d) Modakuruchi Booster station							

i)	Supply and delivery of 63 Amps, 4 pole, Moulded case circuit breaker (MCCB).	1	No.	12788.00	Rupees twelve thousand seven hundred eighty eight only	1 No (Each)	12788.00
ii)	Supply and delivery of Triple pole 6A to 32A, 10 KA, Miniature circuit breaker (MCB).	1	No.	641.00	Rupees six hundred forty one only	1 No (Each)	641.00
iii)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 18 Amps rating conforming to IS / IEC 60947	1	No.	1656.00	Rupees one thousand six hundred fifty six only	1 No (Each)	1656.00
iv)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 9 Amps rating conforming to IS / IEC 60947	1	No.	827.00	Rupees eight hundred twenty seven only	1 No (Each)	827.00
v)	Supply and fixing of 10A to 20 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 mode.	1	No.	1486.00	Rupees one thousand four hundred eighty six only	1 No (Each)	1486.00
vi)	Supply and fixing of 5A to 10 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 mode.	1	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
vii)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the 3KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1383.00	Rupees one thousand three hundred eighty three only	1 No (Each)	1383.00
viii)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 5KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	2305.00	Rupees two thousand three hundred five only	1 No (Each)	2305.00
ix)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00

x)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
xi)	Supply and delivery of 100Amps porcelain fuse (500V)	1	No.	340.30	Rupees three hundred forty and paise thirty only	1 No (Each)	340.30
xii)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
xiii)	Supply and fixing of 16 Amps three phase 500 V 4 pole Change over switch	1	No.	1246.00	Rupees one thousand two hundred forty six only	1 No (Each)	1246.00
3	Cleaning of all storage points like sumps, elevated reservoirs 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.						
i)	0.125LL capacity of sump	1	No.	2510.00	Rupees two thousand five hundred ten only	1 No (Each)	2510.00
ii)	0.20LL capacity of sump	1	No.	2510.00	Rupees two thousand five hundred ten only	1 No (Each)	2510.00
iii)	0.35LL capacity of sump	1	No.	3347.00	Rupees three thousand three hundred forty seven only	1 No (Each)	3347.00
iv)	0.60LL capacity of sump	1	No.	5103.00	Rupees five thousand one hundred three only	1 No (Each)	5103.00
v)	0.75LL capacity of sump	1	No.	5103.00	Rupees five thousand one hundred three only	1 No (Each)	5103.00

4	Desilting light or sandy soil or silt from collection well and baby well below water level including the charges for special tools & plants and air compressor etc complete						
i)	Infiltration Well -4.5m Dia	1	No.	23337.00	Rupees twenty three thousand three hundred thirty seven only	1 No (Each)	23337.00
5	Supply and delivery of the following Electrical Works :Consumable items at the site of work to carryout the general maintenance works						
i)	Volt Meter	2	Nos	624.00	Rupees six hundred twenty four only	1 No (Each)	1248.00
ii)	Ammeter	2	Nos	570.00	Rupees five hundred seventy only	1 No (Each)	1140.00
iii)	20W 4 Feet LED fitting with LED	2	Nos	749.00	Rupees seven hundred forty nine only	1 No (Each)	1498.00
iv)	30W LED Street Light Fitting with LED	2	Nos	1838.00	Rupees one thousand eight hundred thirty eight only	1 No (Each)	3676.00
6	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenance works						
i)	50mm GM Gate valve	1	No	2062.00	Rupees two thousand sixty two only	1 No (Each)	2062.00
ii)	65mm GM Gate valve	1	No	3157.00	Rupees three thousand one hundred fifty seven only	1 No (Each)	3157.00

iii)	3 Ply R I Sheet	1	kg	96.00	Rupees ninety six only	1 Kg (One Kilogram)	96.00
iv)	20mm GI Pipe	1	m	140.00	Rupees one hundred forty only	1 RM (One Running metre)	140.00
v)	25mm GI Pipe	1	m	208.00	Rupees two hundred eight only	1 RM (One Running metre)	208.00
vi)	32mm GI Pipe	1	m	260.00	Rupees two hundred sixty only	1 RM (One Running metre)	260.00
vii)	50mm GI Pipe	5	m	412.00	Rupees four hundred twelve only	1 RM (One Running metre)	2060.00
viii)	65mm GI Pipe	5	m	527.00	Rupees five hundred twenty seven only	1 RM (One Running metre)	2635.00

ix)	80mm GI Pipe	5	m	653.00	Rupees six hundred fifty three only	1 RM (One Running metre)	3265.00
x)	50mm Air Valve ball	2	Nos	80.00	Rupees eighty only	1 No (Each)	160.00
xi)	25mm Air Valve ball	2	Nos	60.00	Rupees sixty only	1 No (Each)	120.00
xii)	25mm CI Air valve	2	Nos	1703.00	Rupees one thousand seven hundred three only	1 No (Each)	3406.00
xv)	GM Ferrule 25mm	2	Nos	840.00	Rupees eight hundred forty only	1 No (Each)	1680.00
xvi)	GM Ferrule 20mm	2	Nos	571.00	Rupees five hundred seventy one only	1 No (Each)	1142.00
xvii)	MS Bolt and Nuts-16 mm dia x 65 to 90 mm length fully threaded bolts and nuts with 2 Nos.	2	kg	111.00	Rupees one hundred eleven only	1 Kg (One Kilogram)	222.00
xviii)	Pressure gauge 50 mm Glycerine filled upto 400 Kg/Cm2	2	Nos	1537.00	Rupees one thousand five hundred thirty seven only	1 No (Each)	3074.00
xix)	Fuse Wire	1	kg	575.00	Rupees five hundred seventy five only	1 Kg (One Kilogram)	575.00
II	CWSS TO MODAKURUCHI NEW						

2	<p>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.</p> <p><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></p>						
i)	50mm OD PVC 6 KSC pipes	6	Nos	1059.00	Rupees one thousand fifty nine only	1 No (Each)	6354.00
ii)	63mm OD PVC 4 KSC pipes	10	Nos	1114.00	Rupees one thousand one hundred fourteen only	1 No (Each)	11140.00
iii)	75mm OD PVC 4 KSC pipes	10	Nos	1125.00	Rupees one thousand one hundred twenty five only	1 No (Each)	11250.00
iv)	90mm OD PVC 4 KSC pipes	10	Nos	1166.00	Rupees one thousand one hundred sixty six only	1 No (Each)	11660.00
v)	110mm OD PVC 4 KSC pipes	5	Nos	1579.00	Rupees one thousand five hundred seventy nine only	1 No (Each)	7895.00
vi)	140mm OD PVC 4 KSC pipes	10	Nos	1772.00	Rupees one thousand seven hundred seventy two only	1 No (Each)	17720.00
vii)	140mm OD PVC 6 KSC pipes	3	Nos	1990.00	Rupees one thousand nine hundred ninety only	1 No (Each)	5970.00

vii)	150mm AC CL15 pipes	6	Nos	2665.00	Rupees two thousand six hundred sixty five only	1 Job (Each)	15990.00
viii)	150mm CI LA CL pipes	1	No	3565.00	Rupees three thousand five hundred sixty five only	1 Job (Each)	3565.00
ix)	200mm DI K7 pipes	2	Nos	4973.00	Rupees four thousand nine hundred seventy three only	1 Job (Each)	9946.00
x)	80mm GI M pipe	2	Nos	710.00	Rupees seven hundred ten only	1 No (Each)	1420.00
xi)	50mm GI M pipe	2	Nos	453.00	Rupees four hundred fifty three only	1 No (Each)	906.00
2	Rewinding of Motors in pumping stations and in the Electrical, Mechanical and Electro-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.						
i)	Rewinding of burnout coil of stator in the motor of 22.5HP OWS pumpset at Kolanalli HW including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	22275.00	Rupees twenty two thousand two hundred seventy five only	1 Job (One Each)	22275.00
ii)	Rewinding of burnout coil of stator in the motor of 1.5HP OWS pumpset at Solangapalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	7375.00	Rupees seven thousand three hundred seventy five only	1 Job (One Each)	7375.00
iii)	Rewinding of burnout coil of stator in the motor of 7.5HP OWS pumpset at Ganpathypalayam Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	13494.00	Rupees thirteen thousand four hundred ninety four only	1 Job (One Each)	13494.00

iv)	Rewinding of burnout coil of stator in the motor of 1.5HP OWS pumpset at Ganpathypalayam and modakuruchi Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	7863.00	Rupees seven thousand eight hundred sixty three only	1 Job (One Each)	7863.00
v)	Rewinding of burnout coil of stator in the motor of 2.0HP OWS pumpset at Modakuruchi and Kulur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	8350.00	Rupees eight thousand three hundred fifty only	1 Job (One Each)	8350.00
vi)	Rewinding of burnout coil of stator in the motor of 5.0HP OWS pumpset at Kulur Booster including cost of all material, labour, removing, conveyance and re-erection etc., complete.	1	Job	11275.00	Rupees eleven thousand two hundred seventy five only	1 Job (One Each)	11275.00
2a) Head works at Kolanalli							
i)	Supply and fixing of 30 A to 50 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 only	1 No (Each)	2963.00
ii)	Supply and delivery of 200Amps porcelain fuse (500V)	1	Nos	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
2b) Solangapalayam Booster station							
i)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the 4KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1236.00	Rupees one thousand two hundred thirty six only	1 No (Each)	1236.00
ii)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 3KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	927.00	Rupees nine hundred twenty seven only	1 No (Each)	927.00
iii)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00

iv)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 18 Amps rating conforming to is / IEC 60947	1	No.	1656.00	Rupees one thousand six hundred fifty six only	1 No (Each)	1656.00
v)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 12A Amps rating conforming to is / IEC 60947	1	No.	961.00	Rupees nine hundred sixty one only	1 No (Each)	961.00
vi)	Supply and delivery of 5 A to 10 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 mode.	1	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
vii)	Supply and delivery of 200Amps porcelain fuse (500V)	1	No.	550.00	Rupees five hundred fifty only	1 No (Each)	550.00
viii)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
2c) Ganpathpalayam Booster station							
i)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 9 Amps rating conforming to IS / IEC 60947	1	No.	827.00	Rupees eight hundred twenty seven only	1 No (Each)	827.00
ii)	Supply and fixing of 10A to 20 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 mode.	1	No.	1486.00	Rupees one thousand four hundred eighty six only	1 No (Each)	1486.00
iii)	Supply and fixing of 5A to 10 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 mode.	1	No.	1321.00	Rupees one thousand three hundred twenty one only	1 No (Each)	1321.00
iv)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the 4KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1844.00	Rupees one thousand eight hundred forty four only	1 No (Each)	1844.00

v)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the new 1KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	461.00	Rupees four hundred sixty one only	1 No (Each)	461.00
vi)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
x)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
xi)	Supply and delivery of 100Amps porcelain fuse (500V)	1	No.	340.30	Rupees three hundred forty and paise thirty only	1 No (Each)	340.30
xii)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
2d) Modakuruchi Booster station							
i)	Charges for removing the burnt power capacitor and labour charges for fixing the new 2KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	922.00	Rupees nine hundred twenty two only	1 No (Each)	922.00
ii)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
iii)	Supply , delivery and fixing of timer	1	No.	3200.00	Rupees three thousand two hundred only	1 No (Each)	3200.00
iv)	Supply and delivery of 100Amps porcelain fuse (500V)	1	No.	340.30	Rupees three hundred forty and paise thirty only	1 No (Each)	340.30
v)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40

vi)	Supply and fixing of 16 Amps three phase 500 V 4 pole Change over switch	1	No.	1246.00	Rupees one thousand two hundred forty six only	1 No (Each)	1246.00
2e)	Kulur Booster station						
i)	Supply and delivery of electro magnetic contactors of suitable capacity in AC three phase 9 Amps rating conforming to IS / IEC 60947	1	No.	827.00	Rupees eight hundred twenty seven only	1 No (Each)	827.00
ii)	Supply and fixing of 10A to 20 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 mode.	1	No.	1486.00	Rupees one thousand four hundred eighty six only	1 No (Each)	1486.00
iii)	Supply, delivery and Charges for removing the burnt power capacitor and labour charges for fixing the 3KVAR capacitor suitable length copper cable wiring this panel board testing etc. complete after adjusted the old scrap materials.	1	No.	1383.00	Rupees one thousand three hundred eighty three only	1 No (Each)	1383.00
iv)	Supply , delivery of single phase preventer should protect the motor against single phasing, reverse phasing and unbalance supply.	1	No.	1152.00	Rupees one thousand one hundred fifty two only	1 No (Each)	1152.00
v)	Supply and delivery of 100Amps porcelain fuse (500V)	1	No.	340.30	Rupees three hundred forty and paise thirty only	1 No (Each)	340.30
vi)	Supply and delivery of 63Amps porcelain fuse (500V)	1	No.	188.40	Rupees one hundred eighty eight and paise forty only	1 No (Each)	188.40
3	Cleaning of all storage points like sumps, elevated reservoirs 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.						
i)	0.15LL capacity of sump	1	No.	2510.00	Rupees two thousand five hundred ten only	1 No (Each)	2510.00

ii)	0.40LL capacity of sump	1	No.	4417.00	Rupees four thousand four hundred seventeen only	1 No (Each)	4417.00
iii)	0.50LL capacity of sump	1	No.	4417.00	Rupees four thousand four hundred seventeen only	1 No (Each)	4417.00
iv)	0.6LL capacity of sump	1	No.	5103.00	Rupees five thousand one hundred three only	1 No (Each)	5103.00
4	Supply and delivery of the following Electrical Works :Consumable items at the site of work to carryout the general maintenance works						
i)	Volt Meter	1	No.	624.00	Rupees six hundred twenty four only	1 No (Each)	624.00
ii)	Ammeter	1	No.	570.00	Rupees five hundred seventy only	1 No (Each)	570.00
iii)	20W 4 Feet LED fitting with LED	2	Nos	749.00	Rupees seven hundred forty nine only	1 No (Each)	1498.00
iv)	30W LED Street Light Fitting with LED	1	No.	1838.00	Rupees one thousand eight hundred thirty eight only	1 No (Each)	1838.00
5	Supply and delivery of the following consumable items for Pump Set repairs at the site of work to carryout the general maintenance works						
i)	50mm GM Gate valve	1	No.	2062.00	Rupees two thousand sixty two only	1 No (Each)	2062.00

ii)	65mm GM Gate valve	1	No.	3157.00	Rupees three thousand one hundred fifty seven only	1 No (Each)	3157.00
iii)	3 Ply R I Sheet	1	Kg	96.00	Rupees ninety six only	1Kg (One Kilogram)	96.00
iv)	20mm GI Pipe	1	m	140.00	Rupees one hundred forty only	1 RM (One Running metre)	140.00
v)	25mm GI Pipe	1	m	208.00	Rupees two hundred eight only	1 RM (One Running metre)	208.00
vi)	32mm GI Pipe	1	m	260.00	Rupees two hundred sixty only	1 RM (One Running metre)	260.00
vii)	50mm GI Pipe	1	m	412.00	Rupees four hundred twelve only	1 RM (One Running metre)	412.00

viii)	65mm GI Pipe	1	m	527.00	Rupees five hundred twenty seven only	1 RM (One Running metre)	527.00
ix)	80mm GI Pipe	1	m	653.00	Rupees six hundred fifty three only	1 RM (One Running metre)	653.00
x)	50mm Air Valve ball	1	No.	80.00	Rupees eighty only	1 No (Each)	80.00
xi)	25mm Air Valve ball	1	No.	60.00	Rupees sixty only	1 No (Each)	60.00
xii)	25mm CI Air valve	1	No.	1703.00	Rupees one thousand seven hundred three only	1 No (Each)	1703.00
xiii)	GM Ferrule 25mm	1	No.	840.00	Rupees eight hundred forty only	1 No (Each)	840.00
xiv)	GM Ferrule 20mm	1	No.	571.00	Rupees five hundred seventy one only	1 No (Each)	571.00
xv)	MS Bolt and Nuts-16 mm dia x 65 to 90 mm length fully threaded bolts and nuts with 2 Nos.	1	Kg	111.00	Rupees one hundred eleven only	1 Kg (One Kilogram)	111.00
xvi)	Pressure gauge 50 mm Glycerine filled upto 400 Kg/Cm2	1	No.	1537.00	Rupees one thousand five hundred thirty seven only	1 No (Each)	1537.00

xvii)	Fuse Wire	1	Kg	575.00	Rupees five hundred seventy five only	1 Kg (One Kilogram)	287.50
	Departmental value						4600977.01
	Rupees forty six lakh nine hundred seventy seven and paise 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 words and figures)
 /True copy/-**