

Government eProcurement System

Created By: HIRU MONI DAS

Created Date/Time: 27-Mar-2023 03:01 PM

Tender Title: SITC of 10 KLD packaged type Sewage Treatment Plant of SBR Technology including 7 years Operation and 5 years AICMC after 2 years DLP at Tezpur Airport

Tender ID: 2023_AAI_144043_1

Tender Inviting Authority: Airports Authority of India

Name of Work: SITC of 10KLD packaged type Sewage Treatment Plant of SBR Technology including 7 years Operation and 5 years AICMC after 2 years DLP at Tezpur airport.

Contract No: 2023_AAI_144043_1

SCHEDULE OF WORK / ITEM(S)																		
Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	L1 Amount
1	SH I:Design,Engineering and SITC of STP																	L1 Vendor
2	Design, Engineering, Supply,Installation,Testing,Commissioning and operationalization of 10KLD Packaged Type Sewage treatment plant of Sequential Batch Reactor(SBR) Technology Site inspection,Process design, preperation and submission of duly signed complete Layout drawings, MS structural Drawing, Hydraulic drawings, Flow Diagram and Construction drawings of 10 KLD packaged type Sewage Treatment Plant of SBR technology ,considering the following SOQ , scope of work and as per Technical specification of the contract ,obtaining initial and final NOC from pollution Control Board etc. complete as required.	1	Job	1350000.00	1350000.00	250100.00	250100.00	100000.00	100000.00	1362113.02	1362113.02	70000.00	70000.00	400000.00	400000.00	300000.00	300000.00	70000.00 AGILE VENTURES
3	Design, Drawing, Construction of container plant room having size (3000 mm X 4000 mm) including 1 door and door panel having size of 1000mm(width)x 2000mm (height) , 2 no's windows each having size of 1000mmx1000mm with window panel, fabrication with MS sheet and Angler, rain proof, all finishing works such as Painting inside and outside walls, roof with plastic emulsion paint, CC flooring, etc. including provision for fixing required electric wiring, LED fittings,fan,sockets, complete as directed by the Engineer-incharge. The necessary provision for cable entry for incoming and outgoing power cables, control cables, data cables, earthing, fixing arrangement of wall mounting /self standing control panel to be incorporated. The installation shall complete with proper locking arrangement on door and windows ,finishing, cleaning etc. complete as required. The cost is inclusive of necessary soil testing as per relevant IS codes. The appropriate foundation shall be provided based on the soil test results. The structural design of Foundation and super structure shall be vetted through any Govt. Engineering Colleges/NIT/IIT etc. The cost is inclusive of all the above and nothing extra shall be paid.	1	Job	510000.00	510000.00	410000.00	410000.00	250000.00	250000.00	472500.00	472500.00	450000.00	450000.00	180000.00	180000.00	550000.00	550000.00	180000.00 greenagerse nviro solutions and services pvt. ltd.
4	Design, Drawing, Construction of RCC Collection Tank of 10m3 capacity with depth of 3m (2.5m liquid depth + 0.5m free board),Dia 2.3m, with RCC Coarse Screen Chamber having inside measurement of 1m (L)x 0.5m(W) x0.5m(D) including provision for keeping submersible pumps, connecting inlet sewage pipe line/providing puddle flange, filling the gap,plastering,water proofing, finishing etc. as required. The structural design of sump shall be vetted through any Govt. Engineering Colleges/NIT/IIT etc. The cost is inclusive of all the above and nothing extra shall be paid.	1	Job	150000.00	150000.00	585000.00	585000.00	300000.00	300000.00	324500.00	324500.00	475000.00	475000.00	150000.00	150000.00	450000.00	450000.00	150000.00 earth envirotech systems, greenagerse nviro solutions and services pvt. ltd.
5	Design, Drawing, Construction of Fine screen Chamber fabricated from MS, FRP lining/coating inside the Chamber having capacity of 0.45 Cum, inside size of 0.75m(L) x 0.6m(W) x1m(H) (0.5m liquid depth + 0. 5m free board) , for providing 1 no fine bar screen and attached to Grit chamber, including suitable MS structure, ladder ,guard railings, painting etc. as required.	1	Job	210000.00	210000.00	68500.00	68500.00	17942.00	17942.00	95000.00	95000.00	10000.00	10000.00	15000.00	15000.00	70000.00	70000.00	10000.00 AGILE VENTURES
6	Design, Drawing, Construction of Grit chamber fabricated from MS FRP lining/coating inside the tank having capacity of 0.72 Cum,inside size of 1.0m(L) x 0.6m(W)x 1.2m(D) (0.7m liquid depth+0.5m free board) attached to SBR Tank-I including suitable MS structure,ladder,guard railings, painting etc. as required.	1	Job	190000.00	190000.00	175000.00	175000.00	25290.00	25290.00	95000.00	95000.00	15000.00	15000.00	20000.00	20000.00	70000.00	70000.00	15000.00 AGILE VENTURES

Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
7	Design, Drawing, Construction of SBR tank fabricated from MS FRP lining/coating inside, each having capacity of 5Cum ,inside size of 1.25m(L) x 1.35m(W) x3.5m(H) (3m liquid depth + 0. 5m free board), including suitable MS ladder, guard railings, painting etc. as required.	2	Job	100000.00	200000.00	137500.00	275000.00	164760.00	329520.00	65000.00	130000.00	90000.00	180000.00	75000.00	150000.00	320000.00	640000.00	130000.00	Unicare Technologies Pvt Ltd
8	Design, Drawing, Construction of SBR decant tank fabricated from MS FRP lining/coating inside, each having capacity of 2Cum ,inside size of 1.25m(L) x 1m(W) x2m(H) (1.7m liquid depth + 0. 3m free board), including suitable MS ladder, guard railings, painting etc. as required.	1	Job	80000.00	80000.00	224500.00	224500.00	85500.00	85500.00	85000.00	85000.00	40000.00	40000.00	35000.00	35000.00	170000.00	170000.00	35000.00	greenagerse nviro solutions and services
9	Design, Drawing, Construction of Concrete Foundation for Packaged type STP 10KLD capacity including pumps, blowers, tanks, all other equipment. The cost is inclusive of necessary soil testing as per relevant IS code .The structural design shall be vetted through any Govt. Engineering Colleges/NIT/IIT etc.	1	Lot	90000.00	90000.00	56000.00	56000.00	350000.00	350000.00	100000.00	100000.00	50000.00	50000.00	850000.00	850000.00	250000.00	250000.00	50000.00	AGILE VENTURES
10	Supply, installation, testing & commissioning of manual coarse bar Screen placed at inlet of Coarse screen chambers at the inlet of Collection tank to match the inlet channel, 1 number of Stainless Steel bar screen fabricated from 30mm x 5 mm SS 304 flats ,20mm equally spaced for coarse screen with suitable lifting arrangement and as per technical specification of contract etc. as required.	1	Job	80000.00	80000.00	41750.00	41750.00	10000.00	10000.00	18000.00	18000.00	20000.00	20000.00	10000.00	10000.00	20000.00	20000.00	10000.00	greenagerse nviro solutions and services pvt. ltd., AQUAFLOW SYSTEMS
11	Supply, installation, testing & commissioning of manual fine bar Screen placed at inlet of screen chambers at the inlet of Collection tank to match the inlet channel, 1 number of Stainless Steel bar screen fabricated from 30mm x 5mm SS 304 flats ,10mm equally spaced for fine screen with suitable lifting arrangement and as per technical specification of contract etc. as required.	1	Job	50000.00	50000.00	41750.00	41750.00	15000.00	15000.00	15000.00	15000.00	20000.00	20000.00	10000.00	10000.00	20000.00	20000.00	10000.00	greenagerse nviro solutions and services pvt. ltd.
12	Supply, installation, testing & commissioning of Non clog type, Submersible pump ,Solid passage of 100mm max,discharge of minimum 2 m3/hr, Head of 10 mtrs, minimum HP-1,RPM-2900,Motor body and shaft-SS, working voltage 3 phase,415 +/- 10% volts, 50Hz Continuous duty, Class 'F' insulation, placed at inlet of Collection tank to lift raw sewage from collection tank to Fine screen chamber, providing suitable length of 25mm UPVC pipe on delivery connection with flange, SS bolts and nuts,gasket,Water tight power supply connection, earthing connection, interlinking and common delivery lines with UPVC pipe,UPVC valves, non return valves, pressure gauges with isolation valve, including all necessary accessories and as per Technical specification of the contract etc. complete as required. Maximum loading current of the pump shall be less than 90% of the full load current of the motor. (For Sewage transfer from collection tank to Fine Screen Chamber)	2	Job	50000.00	100000.00	22500.00	45000.00	30000.00	60000.00	30000.00	60000.00	30000.00	60000.00	35000.00	70000.00	80000.00	160000.00	45000.00	AWETECH WORKS PVT LTD
13	Supply, installation, testing & commissioning of sewage submersible pump lifting arrangement on collection tank to lift 1no 2m3/hr capacity pump fabricated from GI angle/GI pipe, guide pipe and Chain is made from SS 304 and as per Technical specification, painting etc. complete as required.	1	Job	40000.00	40000.00	8000.00	8000.00	2500.00	2500.00	30000.00	30000.00	30000.00	30000.00	35000.00	35000.00	50000.00	50000.00	2500.00	AQUAFLOW SYSTEMS
14	Supply, installation, testing & commissioning of complete Decanter Mechanism suitable for SBR tank of 5Cum including moving weir arm fabricated from SS 304 with suitable drive, scum guard, down comer, supports, with PLC controlled auto/Manual operation , motorized valves with by pass arrangement, local control box with manual operation selection, push buttons, electrical and communication cable wiring, communication to main PLC by RS 485/Ethernet, one Decanter per Basin and as per technical specification etc. as required.	2	Job	35000.00	70000.00	75000.00	150000.00	70000.00	140000.00	125000.00	250000.00	50000.00	100000.00	180000.00	360000.00	200000.00	400000.00	70000.00	earth envirotech systems

Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
15	Supply ,installation, testing & commissioning of (Minimum) 15m³/Hr capacity of twin lobe rotary air blower, discharge pressure 4000 mmwc, 'V' belt or flexible couple drive, suitable capacity motor, 415 + 10% volts,3 phase, 50Hz with necessary outdoor enclosure for protecting the unit from rain water , for fresh air supply to SBR tanks . Supplying and providing air grid distribution system with air purging grid. Air distribution shall be comprise of isolation valves, pipe droppers, laterals, interlinking etc. with UPVC pipeline with all fittings,supports,clamps,flanges, non clog , modular type air dispersion system capable of handling 3-5 cfm of air to the required depth with necessary supports , valves, with all necessary accessories, operation of aeration system with PLC based control and as per technical specification etc. complete as required .	2	Job	35000.00	70000.00	37500.00	75000.00	15000.00	30000.00	33000.00	66000.00	90000.00	180000.00	55000.00	110000.00	70000.00	140000.00	30000.00	AQUAFLOW SYSTEMS
16	Supply,installation,testing and commissioning of centrifugal,monoblock, filter feed pump to transfer water from SBR tanks to filters with following specifications a) Discharge of 1 m3/hr at 25 meter head (Minimum) , b) minimum 1HP motor capacity c) Impeller--Cast iron, d) Motor body--Cast iron, e) Power supply--415v+ 10%, f) Phase--3, concrete foundation, necessary out door enclosure for rain protection, providing individual UPVC suction lines, interlinking and common delivery line upto multi grain sand filter with UPVC piping, UPVC butterfly valves (for both suction & discharge), UPVC non return valves, pressure gauges with isolation, including all necessary accessories etc. as required.	2	Job	42000.00	84000.00	18500.00	37000.00	15000.00	30000.00	9500.00	19000.00	50000.00	100000.00	30000.00	60000.00	35000.00	70000.00	19000.00	Unicare Technologies Pvt Ltd
17	Supply, installation, testing and commissioning of Pressure Sand filter made of FRP of minimum dia 0.30m and 1.35m height of capacity not less than 1 m3/hr at 3 kg/cm2 pressure, with max pressure rating of 4.5 kg/cm2 pressure vessel, necessary foundation , along with UPVC frontal pipeline, necessary valves, interlinking pipes, delivery line upto Activated Carbon filter, drain line upto collection tank, pressure gauge with isolation, air release, provision of back wash arrangement, valves, all necessary accessories complete with filtering media , support media etc. as required.	1	Job	35000.00	35000.00	48980.00	48980.00	23500.00	23500.00	7150.00	7150.00	50000.00	50000.00	35000.00	35000.00	30000.00	30000.00	7150.00	Unicare Technologies Pvt Ltd
18	Supply, installation, testing and commissioning of Activated carbon filter made of FRP of minimum dia 0.30m and 1.35m height of capacity not less than 1 m3/hr at 3 kg/cm2 pressure, with max pressure rating of 4.5 kg/cm2 pressure vessel, necessary foundation , UPVC frontal pipeline, necessary valves, interlinking pipes for delivery line upto treated water tank, drain line (duly painted GI pipe line) upto collection tank, pressure gauge with isolation valve, air release, provision of back wash arrangement, valves, all necessary accessories complete with filtering media , support media etc. as required.	1	Job	60000.00	60000.00	87500.00	87500.00	35000.00	35000.00	10000.00	10000.00	50000.00	50000.00	40000.00	40000.00	40000.00	40000.00	10000.00	Unicare Technologies Pvt Ltd
19	Supply, installation, testing and commissioning of UV System, 1cum/hr, fabricated from SS for 10KLD Packaged type Sewage treatment plant SBR technology including wiring, all accessories complete etc. as required.	1	Job	90000.00	90000.00	29700.00	29700.00	15000.00	15000.00	15200.00	15200.00	15000.00	15000.00	30000.00	30000.00	20000.00	20000.00	15000.00	AGILE VENTURES, AQUAFLOW SYSTEMS
20	Supply, installation, testing and commissioning of 2000 Lt capacity HDPE Treated water tank including foundation, inlet connection from UV tank, outlet connection to Treated water pumps,inter connection with isolation valve, drain connections with valves, all accessories complete etc. as required.	1	Job	25000.00	25000.00	25000.00	25000.00	10000.00	10000.00	13000.00	13000.00	20000.00	20000.00	20000.00	20000.00	20000.00	20000.00	10000.00	AQUAFLOW SYSTEMS

Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
21	Supply,installation,testing and commissioning of centrifugal,monoblock, Treated water pump to transfer water from treated water tank with following specifications a) Discharge of 2 m3/hr at 25 meter head (Minimum) , b) minimum 1HP motor capacity c) Impeller--Cast iron, d) Motor body--Cast iron, e) Power supply--415v+ 10%, f) Phase--3, concrete foundation, necessary out door enclosure for rain protection, providing individual UPVC suction lines, interlinking and common delivery line upto 1mtr with UPVC piping, UPVC butterfly valves (for both suction & discharge), UPVC non return valves, pressure gauges with isolation, including all necessary accessories etc. as required.	2	Job	25000.00	50000.00	18650.00	37300.00	14000.00	28000.00	9500.00	19000.00	30000.00	60000.00	30000.00	60000.00	20000.00	40000.00	19000.00	Unicare Technologies Pvt Ltd
22	Supply, installation, testing and commissioning of Sludge feed pump, capacity of 1m3/hr for 10 KLD Packaged type Sewage treatment plant SBR technology with following specifications a) Minimum motor capacity- 0.5HP b) Impeller--Cast iron, c) Motor body--Cast iron, d) Power supply--415v+ 10%, e) Phase--3, concrete foundation, necessary out door enclosure for rain protection, providing individual UPVC suction lines from SBR tanks, interlinking and common delivery line to Bag filter , valves , non return valves, pressure gauges with isolation, including all necessary accessories etc. as required.	2	Job	18000.00	36000.00	15100.00	30200.00	15000.00	30000.00	12700.00	25400.00	30000.00	60000.00	25000.00	50000.00	40000.00	80000.00	25400.00	Unicare Technologies Pvt Ltd
23	Supply, installation, testing and commissioning of Bag filter for sludge drain having minimum 1 no of filter bag/sacks made with geotextile material, filling arrangement, for 10KLD Packaged type Sewage treatment plant SBR technology, foundation, enclosure, drain pipe to collection tank etc. complete as required.	1	Job	15000.00	15000.00	67500.00	67500.00	25000.00	25000.00	50000.00	50000.00	10000.00	10000.00	75000.00	75000.00	50000.00	50000.00	10000.00	AGILE VENTURES
24	Supply,installation,testing and commissioning of 1 inch magnetic flow water meter for treated water delivery line including isolation valves, sampling point, all accessories etc. as required.	1	Job	1600.00	1600.00	32800.00	32800.00	15000.00	15000.00	25000.00	25000.00	30000.00	30000.00	30000.00	30000.00	30000.00	30000.00	1600.00	earth envirotech systems
25	A)Fabrication, Supply, installation, testing and commissioning of Motor Control Center(MCC) Panel with all accessories for Auto/Manual On/Off control of entire 10KLD Packaged type sewage treatment plant of SBR technology, fabricated from 14SWG M.S sheet ,totally enclosed, free standing, floor mounted/wall mounted,powder coated, fabricated from CPRI approved panel manufacture with following accessories. 1) Incomer - 4pole MCCB 100Amp 25KA 1no. 2) Al Bus bar R,Y,B,N,100amps-1 set. 3) Out goings: (a)16 Amps 3pole MCB, DOL starter with OLR, SPP,for SBR blowers - 1.5 HP-2nos, (b) 16 Amps 3pole MCB,DOL starter with OLR,SPP, for submersible sewage pumps-1HP-2nos,(c)16Amps,3 pole MCB, DOL starter with OLR,SPP, for Filter Feed pump-1HP-2nos, (d)16 Amps 3pole MCB,DOL starter with OLR,SPP, for Treated water pump-1 HP-2nos. (B)Supply and laying of PVC insulated, PVC sheathed Copper armoured cable including cable glanding, 1) 1 run of 1.5sqmm cable-for blower motor-2run, 2) 1 run of 1.5 sqmm submersible cable for submersible pumps- 2run, 3) 1 run 1.5sqmm cable for Filter feed pumps-2runs, 4) 1run of 1.5sqmm cable for sludge pumps-2 run,(C)8 SWG GI earth-2run to all individual motors and main panel .(D)Push button ON and OFF with ON red coloured LED Indication/contactor/OLR/outgoing connectors including wirings-09sets. (1 set spare).(E) RYB LED indication -- 1set.(F) 96mmx96mm Digital volt meter with selector switch-1no,(G) 96mmx96mm Digital Ammeter with selector switch and CTS-1set, including all interconnections etc. (H)Power supply and control wiring to UV lamps, motorized valves, all pumps, blowers etc. complete as required.(Quote shall include SITC of MCC panel, supply and laying of armoured XLPE copper cables in GI trays,supports,providing cable glands, providing and laying of 2 nos8 SWG GI earthings to all equipment, Providing and laying of all communication and control cables complete as requires)	1	Job	250000.00	250000.00	67500.00	67500.00	100000.00	100000.00	90000.00	90000.00	100000.00	100000.00	100000.00	100000.00	250000.00	250000.00	67500.00	AWETECH WORKS PVT LTD

Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
26	Supply,installation,testing and commissioning of PLC software (SCADA) system including all hardware's and software to Control the entire 10 KLD SBR plant in Auto/Manual mode including all the pumps and blowers etc. The automation system includes HMI, process and operator software with dynamic flow chart displayed on monitor,furniture,UPS,PC ,passwords,etc complete as required.	1	Job	90000.00	90000.00	175000.00	175000.00	100000.00	100000.00	300000.00	300000.00	300000.00	300000.00	50000.00	50000.00	300000.00	300000.00	50000.00	greenagerse nviro solutions and services pvt. ltd.
27	Earthing with G.I. earth plate 600 mm x 600 mm x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required.	2	Each	35000.00	70000.00	2500.00	5000.00	11000.00	22000.00	1700.00	3400.00	10000.00	20000.00	10000.00	20000.00	20000.00	40000.00	3400.00	Unicare Technologies Pvt Ltd
28	Providing and fixing 25 mm x 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re- filling etc. as required.	20	Meter	880.00	17600.00	280.00	5600.00	400.00	8000.00	140.00	2800.00	1000.00	20000.00	150.00	3000.00	200.00	4000.00	2800.00	Unicare Technologies Pvt Ltd
29	Providing and fixing 25 mm x 5 mm G.I. strip on surface or in recess for connections etc. as required.	10	Meter	560.00	5600.00	250.00	2500.00	87.00	870.00	168.00	1680.00	1000.00	10000.00	150.00	1500.00	200.00	2000.00	870.00	AQUAFLOW SYSTEMS
30	Providing internal electrification with ISI PVC conduit, wiring with 1.5sqmm,Copper ,PVC insulated, flame retardent,low smoke,ISI braded wires,PVC switch boards with ISI switches and sockets, all accessories, LED lights(6 no's),wall mounting fan(1no),5A sockets(2nos),ST plant area out door lighting(2nosx30watts) with cabling, earthing, as per CPWD specification etc. complete as required.	1	Job	45000.00	45000.00	15000.00	15000.00	10000.00	10000.00	60000.00	60000.00	20000.00	20000.00	20000.00	20000.00	27000.00	27000.00	10000.00	AQUAFLOW SYSTEMS
31	Supply of following size of XLPE insulated, PVC sheathed, FRLS outer sheath, armoured, aluminium conductor cable of 1.1 KV grade as per IS 7098 (Part-I) 1988 complete as required. a) 3.5x70 sqmm	350	Meter	98.00	34300.00	120.00	42000.00	300.00	105000.00	329.00	115150.00	3500.00	1225000.00	280.00	98000.00	500.00	175000.00	34300.00	earth envirotech systems
32	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required. Above 35 sq. mm and upto 95 sq. mm	310	Meter	98.00	30380.00	240.00	74400.00	1000.00	310000.00	164.00	50840.00	700.00	217000.00	300.00	93000.00	500.00	155000.00	30380.00	earth envirotech systems
33	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering. Above 35 sq. mm and upto 95 sq. mm	310	Meter	85.00	26350.00	240.00	74400.00	1000.00	310000.00	184.00	57040.00	700.00	217000.00	300.00	93000.00	450.00	139500.00	26350.00	earth envirotech systems
34	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required. a) Above 35 sq. mm and upto 95 sq. mm	34	Meter	360.00	12240.00	240.00	8160.00	1000.00	34000.00	92.00	3128.00	700.00	23800.00	300.00	10200.00	500.00	17000.00	3128.00	Unicare Technologies Pvt Ltd
35	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 3.5 x70 sq. Mm	4	Set	3500.00	14000.00	1750.00	7000.00	500.00	2000.00	4320.00	17280.00	4000.00	16000.00	480.00	1920.00	1000.00	4000.00	1920.00	greenagerse nviro solutions and services pvt. ltd.
36	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep) and re-filling etc as required. a) 100 mm dia	6	Meter	1560.00	9360.00	1750.00	10500.00	1200.00	7200.00	3600.00	21600.00	700.00	4200.00	1200.00	7200.00	1670.00	10020.00	4200.00	AGILE VENTURES
37	Excavation of the cable trenches in hard rock not exceeding 1.5 meters in width, and lift upto 1.5 meters, including getting out the excavated soil and disposal of excavated soil as directed within a lead of 50 meters.	10	CUM	85.00	850.00	3250.00	32500.00	485.00	4850.00	191.00	1910.00	300.00	3000.00	210.00	2100.00	200.00	2000.00	850.00	earth envirotech systems
38	Supplying and fixing cable route marker with 10cmx10cmx5mm thick G.I. plate with inscription there on bolted/welded to 35 mm x35mmx6mm angle iron 60cm long and fixing the same in ground as required.	20	Nos	55.00	1100.00	4250.00	85000.00	300.00	6000.00	1800.00	36000.00	10000.00	200000.00	200.00	4000.00	500.00	10000.00	1100.00	earth envirotech systems

Sl.No	Description of Work / Item(s)	No.of Qty	Units	earth envirotech systems(GSTN-07AERPT8019B1Z8)		AWETECH WORKS PVT LTD(GSTN-07AASCA1900E1ZZ)		AQUAFLOW SYSTEMS(GSTN-36AGPPJ1454L1Z1)		Unicare Technologies Pvt Ltd(GSTN-NA)		AGILE VENTURES(GSTN-NA)		greenagersenviro solutions and services pvt. ltd.(GSTN-NA)		M/S HYGINENIC WORLD(GSTN-NA)		L1 Amount	L1 Vendor
				Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
39	Supplying Installation Testing and Commissioning of Open-well mono block pump of 7.5 HP inside under ground water reserve tank suitable for 3phase, 415Volts, 50Hz, AC Supply, capable of discharge capacity of 1500-1600 LPM or higher & head rage 26-28 mtrs. etc and DOL starter with Controller with WLC & SPFR shall be suitable for 7.5 HP Openwell Submersible with complete as required and with the following tender technical specification- Material of Construction i. Motor Body:: Cast Iron / Stainless Steel ii. Stator:: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. iii. Rotor:: Vacuum impregnated, shot blasted & coated with poly urethane colour for corrosion resistance & dynamically balanced for vibration free smooth operation. iv. Winding: : PVC / Polyester insulated, water cooled. v. Journal Bearings:Leaded Bronze and Stainless Steel, Water Lubricated, having high load bearing capacity. vi. Thrust Bearings: Carbon Vs Stainless Steel and water lubricated to withstand high axial thrust load Pressure Equalizing Diaphragm vii. Impeller : Adequately sized to accommodate expansion of water inside th motor and prevent loss cooling water viii. Casing : Graded Cast Iron & Dynamically balanced. ix. Wear Rings:: High quality abrasion resistance Bronze. Shaft : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. Cable Sealing Arrangement: Designed so that no borewell water with sand can enter the motor	2	Job	45000.00	90000.00	86000.00	172000.00	75000.00	150000.00	80000.00	160000.00	75000.00	150000.00	60000.00	120000.00	40000.00	80000.00	80000.00	M/S HYGINENIC WORLD
40	Provision of interconnecting pipelining work of sizes of 65 mm dia of CPVC pipe in SUCTION and DISCHARGE line of Pump Set alongwith accessories like Tee, union, flanges, bend, socket, nipple,NRV, valve etc. complete as per site requirements.	50	Meter	85.00	4250.00	850.00	42500.00	500.00	25000.00	150.00	7500.00	2000.00	100000.00	600.00	30000.00	900.00	45000.00	4250.00	earth envirotech systems
41	Dismantaling and shifting of monoblock pump set from its existing location at Tezpur Airport and keeping it as per direction of EIC.	2	Job	25000.00	50000.00	10000.00	20000.00	500.00	1000.00	12000.00	24000.00	15000.00	30000.00	5000.00	10000.00	2000.00	4000.00	1000.00	AQUAFLOW SYSTEMS
42	Supply of 3 x 4 sq mm PVC insulated & PVC sheathed flat copper conductor cable of 1.1KV grade conforming to IS:7098(Part-I) with upto date ammendment for submersible pump motor	100	Meter	85.00	8500.00	70.00	7000.00	104.00	10400.00	190.00	19000.00	100.00	10000.00	200.00	20000.00	200.00	20000.00	7000.00	AWETECH WORKS PVT LTD
43	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL/PVC pipe as required - Upto 35 sq. mm	100	Meter	98.00	9800.00	95.00	9500.00	104.00	10400.00	102.00	10200.00	125.00	12500.00	180.00	18000.00	20.00	2000.00	2000.00	M/S HYGINENIC WORLD
44	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required - 50 mm	100	Meter	85.00	8500.00	200.00	20000.00	40.00	4000.00	7220.00	722000.00	500.00	50000.00	80.00	8000.00	100.00	10000.00	4000.00	AQUAFLOW SYSTEMS
45	SH-II (a) : OPERATION AND MAINTENANCE(O&M) . Operation and routine maintenance of complete 10KLD S.T.plant on all days including Sundays and holidays by engaging following manpower along with providing required tools & consumables such as cotton waste,greese,UV lamp,Chemicals and safety materials such as shoes,gloves, mask etc. , monitoring and maintaining the required registers,monthly testing and submitting the treated water test certificate from the State govt approved/authorised Laboratories as per technical specification etc. complete as required. i) Technician cum Operator (Skilled) working in general/shift duty for 6 days in a week - 1 no.. ii) Helper (Unskilled) working in general/shift duty for 6 days in a week - 1 no.																		
46	1) First year (Operation and day to day maintenance under Defect Liability Period(DLP)	12	Months	45000.00	504672.66	50000.00	560747.40	40000.00	448597.92	20585.36	230863.74	36000.00	403738.13	35000.00	392523.18	35000.00	392523.18	230863.74	Unicare Technologies Pvt Ltd

BOQ Summary Details

Tender Title: SITC of 10 KLD packaged type Sewage Treatment Plant of SBR Technology including 7 years Operation and 5 years AICMC after 2 years DLP at Tezpur Airport
Tender ID: 2023_AAI_144043_1

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	AQUAFLOW SYSTEMS	6413536.29	L1
	2	Unicare Technologies Pvt Ltd	6796256.09	L2
	3	greenagersenviro solutions and services pvt. ltd.	6871366.48	L3
	4	AWETECH WORKS PVT LTD	7790771.64	L4
	5	AGILE VENTURES	8051459.22	L5
	6	M/S HYGINENIC WORLD	8370138.08	L6
	7	earth envirotech systems	8993656.14	L7