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Item Rate BoQ

Tender Inviting Authority: THE COMMISSIONER, TIRUCHENGODE MUNICIPALITY

Name of Work: Construction of 40 KLD Capacity Faecal Sludge Treatment Plant at Animoor Compost yard of TIRUCHENGODE Municipality, Namakkal (District)(Period for completion of construction - 9 months and Period of Operation and Maintenance - 6 months)

Contract No: E1-4523-2018

Bidder Name :							
<u>PRICE SCHEDULE</u>							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	TN BP. NO/ NB C NO.	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	3	4	5	13	53	55
1	Earth work open excavation in all soils and sub-soils and to full depth as may be directed except in rock requiring blasting inclusive of shoring shuttering, bailing out water wherever necessary and depositing the excavated earth with a lead of 10 mts. within the compound in places shown by the departmental officers and clearing and levelling the site, etc., complete complying with standard specification.						
1.01	Foundation and Basements		6302.00	One meter cube		0.00	INR Zero Only
1.02	Drain and Retaining wall		338.00	One meter cube		0.00	INR Zero Only
2	Earth work excavation and depositing on bank with initial lead of 10 m and lift of 2 M in narrow trenches having bed width 1.25m & below for laying of pipes for water supply and sewerage works in the following type of soil strata as directed by Departmental officers (For Pipe Laying)						

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2.01	Effluent Disposal For HDPE 200mm Dia Pipe laying .		132.00	One meter cube		0.00	INR Zero Only
3	Removal of excess excavated earth from the site and dumping away from the location.		4502.00	One meter cube		0.00	INR Zero Only
4	Refilling with excavated earth other than sand with an initial head load of 100 mts. and depositing the earth as shown by the departmental officers in layers well rammed, watered and consolidated etc. complete complying with standard specification		366.00	One meter cube		0.00	INR Zero Only
5	Supplying and filling in foundation, basement, etc with filling sand in layers of not more than 15 cm thick well watered, rammed and consolidated etc. complete complying with standard specification and as directed by the departmental officers.		358.00	One meter cube		0.00	INR Zero Only
6	Supplying and filling in Foundation with Sand Gravel Mix in the ratio of 1:1 with 0.685 Cum of sand and 0.667 Cum of Gravel in layers of not more than 15cm thick well rammed, watered and consolidated by using mechanical earth rammer etc. complete .		906.00	One meter cube		0.00	INR Zero Only

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7	Providing and laying conveyed gravel filling including cost and conveyance of gravel to the work site and stacking them to the standard departmental metric gauge for pre-measurements, spreading, watering and compacting the mix in layers of thickness not exceeding 100mm compacted thickness by 80-100 KN power roller rolling to achieve the required dry density including labour charges for spreading and hire charges and fuel charges for power roller, water sprinkler and all other tools and plant, etc., complete as per clause 305 of MOST specification		528.00	One meter cube		0.00	INR Zero Only
8	Cement Concrete 1:4:8 (One Cement, Four sand and eight hard broken stone jelly) using 40 mm gauge hard broken granite stone jelly for foundation including dewatering wherever necessary and laid in layers of not more than 15 cm thick, well rammed by using mechanical earth rammer, consolidated and curing etc. complete complying with standard specification and as directed by engineer in charge etc complete.,						
8.01	Using SRC cement		639.00	One meter cube		0.00	INR Zero Only
8.02	Using OPC Cement		122.00	One meter cube		0.00	INR Zero Only
9	Plain Cement Concrete M30 mix using 20mm size ISS HBG Metal of 5.70cum per 10cum and 12mm size ISS HBG metal of 2.80cum per 10cum machine crushed chips and excluding cost of Reinforcement and centering works but including the cost of Mixing, Laying, Curing and etc., complete complying with std specification.						
9.01	Using OPC cement		29.00	One meter cube		0.00	INR Zero Only
10	Plain Cement Concrete 1:2:4 (one cement, three fine aggregates and six coarse aggregates) using 20mm size ISS HBG metal including cost and conveyance of all materials to site and including for the mixing, laying and labour charges etc., complete as per standard specification						
10.01	Using SRC cement		25.00	One meter cube		0.00	INR Zero Only

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10.02	Using OPC Cement		256.00	One meter cube		0.00	INR Zero Only
11	Vibrated reinforced cement concrete M30 mix- (DESIGN MIX for 1 m3 of concrete using cement- 420kg, Sand- 760kg, 20mm ISS HBG metal- 654 Kg, 12.5mm ISS HBG metal- 416 kg, Water- 175 Liters, Concrete Admixture (FOSROC or PEDLITE)- 1.5 Lit) for all RCC works including cost and conveyance of all materials and cement to work site. The rates including all cost and labour charges for mixing the concrete, laying, vibrating, watering with all leads for good water and curing and compacting the concrete and all other incidental charges etc., complete such as working in heights, scaffolding charges etc., but excluding the cost of centering, cost of steel and fabrication charges etc., complete as per standard specifications						
11.01	Using SRC Cement		682.00	One meter cube		0.00	INR Zero Only
11.02	Using OPC Cement		84.00	One meter cube		0.00	INR Zero Only
12	Supplying, fabricating and placing in position TMT bars (Fe 500) for all RCC works as per design given including cost of steel and G.I. binding wire for placing at all depths of excavation, complete complying with standard specification. (Contractor has to make his own arrangements for the supply of steel, binding wire and for bar bending)		80.70	One Metric Ton		0.00	INR Zero Only
13	Supplying and erecting centering for sides and soffits including necessary supports and strutting upto 3.29 M height for plane surfaces as detailed below in all floors with all cross bracings using Mild Steel sheets of size 90 x 60 cm and 10 BG stiffened with welded Mild Steel angle of size 25mm x 25mm x 3 mm for boarding laid over silver oak joists of size 10cm x 6.50 cm spaced at abote 90 cm centre to centre and supported by casurina props of 10cm to 13 cm dia spaced at not more than 75 cm centre to centre etc. complete complying with the standard specificaliton. (Payment for centering shall be given after the concrete is laid) etc complete.,						
13.01	Slab , Beam and wall		3034.00	One Square meter		0.00	INR Zero Only

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13.02	Column Footing and Plinth Beam		811.00	One Square meter		0.00	INR Zero Only
13.03	Drain wall		1543.00	One Square meter		0.00	INR Zero Only
14	Solid Block 40 x20 x20 CM Supply and fixing of Solid Block of following size Conforming to SS 2145-1965 (Including jam blocks closers etc.,) made in CC 1:3:6 (One Cement Three Sand and Six HBG 6mm in Cm 1:5 (One of Cement and Five Sand) for masonry wall partition wall including curing neat finishing etc., Complete. Using SRC Cement		617.00	One meter cube		0.00	INR Zero Only
15	Supply and fixing of RCC precast 100 mm tk slab in cement concrete M20 Mix (One cement one and off sand and three ggregate) using 20mm ISS metal including cost of a moulding charges mixing, laying and curing cost and conveyance of all materials to site and all labour charges etc., complete as per standard specification but excluding cost of reinforcement etc complete.,Using SRC Cement		538.00	One Square meter		0.00	INR Zero Only
16	Providing 12 mm thick cement plaster in one coat in internal surface 1:5 cement mortar mixed with water proofing agent , including scaffolding and curing and also complying with standard specifications and instructions of the engineer in charge.Using SRC Cement		8480.00	One Square meter		0.00	INR Zero Only

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17	Providing 10mm thick cement plaster in one coat in internal surface 1:3 cement mortar mixed with water proofing agent , including scaffolding and curing and also complying with standard specifications and instructions of the engineer in charge. Etc complete.,Using SRC Cement		782.00	One Square meter		0.00	INR Zero Only
18	Random rubble masonry in cement motor 1:5 (one Part of cement, Five part of Sand) mix using all granite stones and bond stones for foundation and basement from approved quarry including watering, curing, and labour charges etc., completed as per standard specification, etc complete.,Using SRC Cement		279.00	One meter cube		0.00	INR Zero Only
19	Supply delivery and fixing of Hollow Concrete Block size of 400x200x200 mm including all labour charges.,etc complete.,Using SRC Cement		365.00	One meter cube		0.00	INR Zero Only
20	Plastering with cement mortar 1:3 (one cement and three sand) mix 20mm thick including all cost and conveyance of all labour and material charges etc .,completeUsing OPC Cement		123.00	One Square meter		0.00	INR Zero Only

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21	Flooring with following plain ceramic tiles of size 305 x 305 x 6 mm laid over 20 mm thick cement mortar 1:3 (One Cement and Three Sand) base mortar over the existing slab / floor including cutting the tiles to the required size with special cutter wherever necessary, laying in position and pointing with white cement mixed with colouring pigment at the rate of 0.3 Kg. / sq.m. etc., complete complying with standard specification. (The make and brand of the tiles should be got approved by Engineer in charge before use on works) Using SRC Cement		72.00	One Square meter		0.00	INR Zero Only
22	Paving the floor with design Antiskirt ceramic tiles (colour and shade as directed) of size 305 mm x 305mm x 6 mm in all floors over a base layer of cement mortar 1:3 (one cement and three sand) 20mm thick laid in-situ and pointed with same coloured cement etc complete. Using OPC Cement - Operater Room		19	One Square meter		0.00	INR Zero Only
23	Supply and delivery of HDPE pipe as per IS 4984/1995 and as amended from time to time for delivery at site of work including all taxes, duties, loading, freight, unloading and stacking at site etc complete .						
23.01	For Effluent Disposal 200 mm dia HDPE Pipes		150.00	One Running Meter		0.00	INR Zero Only
24	Refilling the trenches with excavated earth (other than sand) in layers of 15cm thick, watered well rammed and consolidated etc., complete complying with standard specification and as directed by Engineer in charge.,						
24.01	For Effluent Disposal 200 mm dia HDPE Pipes		132.00	One meter cube		0.00	INR Zero Only

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25	Lowering the following sizes of HDPE pipes and specials in to the trenches and laying to proper grade and alignment jointing with PVC couplers etc as directed.						
25.01	For Effluent Disposal 200 mm dia HDPE Pipes		150.00	One Running Meter		0.00	INR Zero Only
26	Testing the HDPE pipes with Hydraulic testing equipment by filling with water and testing to recommended pressure in convenient stretches and attending the bursts if any occurred during test,excluding cost of pipes, including other insidental charges etc.						
26.01	For Effluent Disposal 200 mm dia HDPE Pipes		150.00	One Running Meter		0.00	INR Zero Only
27	Jointing HDPE Pipes and Specials by butt fusion welding/ electro fusion welding joints using fusion equipment as per ISO 21307-2011 and as per IS 7634 (Part-2) : 2012 including cost of hire charges for butt fusion equipment power supply arrangements etc., complete.						
27.01	For Effluent Disposal 200 mm dia HDPE Pipes		40.00	One Number		0.00	INR Zero Only
28	Supply and Delivery Fabrication of MS doors and windows with outer frame and shutter frame in MS angle of size 40mm x 40mm x 6 mm with MS flat 25mm x 25mm x 6mm and MS sheet of 18 gauge including ventilating arrangements using 20mm square MS rods with locking arrangements including two coats of approved enamel paint over coat of red oxide including cost of angles, plates, sheets, fabrication charges, cost of hold fast and transportation charges etc., complete.Fully panelled Single leaf - Door 0.90 m x 2.00 m.						
28.01	Operater Room Fully panelled Single leaf - Door 0.90 m x 2.00 m		3.00	One Number		0.00	INR Zero Only
29	Supply and Delivery Fabrication of MS doors and windows with outer frame and shutter frame in MS angle of size 40mm x 40mm x 6 mm with MS flat 25mm x 25mm x 6mm and MS sheet of 18 gauge including ventilating arrangements using 20mm square MS rods with locking arrangements including two coats of approved enamel paint over coat of red oxide including cost of angles, plates, sheets, fabrication charges, cost of hold fast and transportation charges etc., complete.,Fully panelled Double leaf - Window (without Ventilator) Fully panelled Double leaf - Window(without Ventilator)1.20 m x 0.90 m						

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29.01	Operater Room		9.00	OneNymber		0.00	INR Zero Only
30	providing and installing Commode properly into the toilet as per the specifications. (L.R)						
30.01	Operater Room		3.00	One Number		0.00	INR Zero Only
31	Supplying, fabricating, erecting structural steel work for roofing welded or bolted type using MS channels, angles, plates and round bars etc. conforming to IS specification including primer coating and enamel painting as per Design given by the departmental officers etc,complete as per standard specification		57600.00	One Kilo Gram		0.00	INR Zero Only
32	Fabricating supplying and fixing of pre painted galvanized iron sheets with the following specification. The materials should be of PPGI tile profile with a red colour or any other approved design 0.47 mm thick 24 guage having width 1050 mm. The sheet should be G.I.base pre painted hot dipped galvanized iron sheet and to be fixed with shelf tapping screws,plastic washer.The washer and screws to be fixed by using minute power machine drilled with out damaging the sheets paint coating to be regular modified polyster coat with zinc coating of Z 120 GSM paint thickness the finish should be terra cotta finish like malabar mangalore tiles finish optional matt finish. The sheet to be fixed with making suitable corrugated,cutting the sheet in to the required ssize and making ornamental designs as per the site condition and as directed by the departmental officers.		3076.00	One Square meter		0.00	INR Zero Only

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33	Supplying and fixing of polished cuddapah slab of 20/30 mm thickness including laying to correct alignment as direct by engineer in charge. Includes fixing the slab to support structures. Etc complete., PWD SOR 2018-19 P-19,+53		152.00	One Square meter		0.00	INR Zero Only
34	Supplying and fixing in position CI manhole covers with CI frames (Heavy duty) of size 60cm x 60cm of best approved quality with necessary welding and painting with one coat of zinc chromite primer and two coats of epoxy painting complete.(As per instruction of site engineer)as per standard specification etc., complete compying with standard specifications		152.00	One Number		0.00	INR Zero Only
35	Supply and fixing of M.S Grills with Doors and Windows with one coat of Red oxide with Primer including all costs such as welding,grinding and fabrication charges, cost and conveyance of all materials to site etc,complete as per standard specification.		1700.00	One Kilo Gram		0.00	INR Zero Only
36	Providing and fixing mild steel grill work for screening of wastewater as per drawing including featres, necessary welding and painting with one coat of zinc oxide and two coats of oil painting with one coat of zinc oxide and two coats of oil painting etc., complete.,						
36.01	Weld grill with vetical sloping 5mm thick bar placed at a distance of 3cm and dimension of 700mmx600mm		4.00	One Number		0.00	INR Zero Only
36.02	screening chamber : Weld grill with vetical sloping 5mm thick bar placed at a distance of 1.5cm and dimension of 700mmx600mm		4.00	One Number		0.00	INR Zero Only

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37	screening chamber:Supplying and laying Rubberised interlocking Paver block M40 grade Providing and laying of 83 mm thick high strength type conforming IS 15658-2006 of rubberized interlocking paver lock in size of minimum compressive strength of 40N/mm2 in uniform shape of approved make to be laid in flurring bone pattern with sand cushion below the uniform shap of approved non skitting surface in the top and the rate including levelling the base preparation of pavers as sub base, sand cushion 150mm thick laying out of pavement cut the pieces to fix the edge vibring the pavers,sweeping tranporting loading unloading of laying paver block as per standard specification,..Approach road		1050.00	One Square Meter		0.00	INR Zero Only
38	Providing and fixing UPVC pipes (Soil and waste line) of required diameter conforming to I.S.-13592, and I.S.-4985 to withstand continous internal hydroulic pressure of 6 kg/cm2 including necessary fixtures and fittings, such as bends, tees, single junctions, double junctions and joining with rubber rings and lubricants, on wall by means of clips or in ground including necessary excavation, laying refilling, trench testing etc. complete. (Prior approval of sample and brand by Engineer in charge is necessary before use.) 6 inch dia pipe						
38.01	6 inch dia pipe		871.00	One Running Meter		0.00	INR Zero Only
38.02	6 inch dia T piece		100.00	One number		0.00	INR Zero Only
38.03	6 inch bend		32.00	One number		0.00	INR Zero Only
38.04	stabilization tank: 6 inch perforated pipe with 100 perforations at 0,45,90,135 and 180 degree per metre length. Hole dimensions in excess of 10 mm diameter		312.00	One Running Meter		0.00	INR Zero Only

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38.05	4 inch dia inlet		850.00	One Running Meter		0.00	INR Zero Only
38.06	Perforated Pipes (110mm dia)		23.00	One Running Meter		0.00	INR Zero Only
38.07	110mm dia swivel pipe		3.00	One Running Meter		0.00	INR Zero Only
38.08	55mm dia inlet pipe to the PGF		70.00	One Running Meter		0.00	INR Zero Only
38.09	0.11m dia, UPVC air vent pipe with vent cowls		2.00	One number		0.00	INR Zero Only
38.1	4 inch tee piece		39.00	One number		0.00	INR Zero Only
38.11	4 inch UPVC tee fixing		40.00	One number		0.00	INR Zero Only
38.12	4 inch elbow		357.00	One number		0.00	INR Zero Only
38.13	4 inch bends		79.00	One number		0.00	INR Zero Only
39	Providing and fixing stainless steel seamless pipes confirming to the IS standards from stabilization reactor to sludge drying bed - plumping						
39.01	40mm dia		30.00	One Running Meter		0.00	INR Zero Only
39.02	50mm dia		120.00	One Running Meter		0.00	INR Zero Only
40	Damp proof course with cement mortar 1:4 mix to 12mm thick with water proofing compound 5% by weight of cement used including curing cost and conveyance of all materials to site and all labour charges etc., complete as per standard specification.						

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40.01	Using SRC Cement Sludge drying bed		81.00	One Square meter		0.00	INR Zero Only
41	Providing and laying of coarse aggregate size as below after washing & sieving to make it free from fines & dust including cost and conveyance of metal and laying charges Etc complete. For Sludge drying bed						
41.01	Passing through 50 mm & Retained on 40 mm sieve, 40mm metal		381.00	One Cubic Meter		0.00	INR Zero Only
41.02	Passing through 20 mm & Retained on 16 mm sieve 13.20mm size metal		286.00	One Cubic Meter		0.00	INR Zero Only
41.03	Passing through 10 mm & Retained on 6 mm sieve 6.70mm metal		191.00	One Cubic Meter		0.00	INR Zero Only
41.04	River fine sand 1-2 mm		286.00	One Cubic Meter		0.00	INR Zero Only
42	Filter material for Anaerobic Filter Providing and laying Cinders as a Filter Material In AF as per the instruction given by the site engineer in charge - Integrated settler and anaerobic filter - Filter material in AF		25.00	One Cubic Meter		0.00	INR Zero Only
43	Providing and Laying coarse stone aggregates/river pebbles of sizes as below after washing and sieving to make it free from fines and dust etc complete., in horizontal gravel filter						
43.01	90-120mm , 90mm		21.00	One Cubic Meter		0.00	INR Zero Only
43.02	16-20mm, 13.20 mm		26.00	One Cubic Meter		0.00	INR Zero Only
43.03	10-12mm, 11.20 mm		34.00	One Cubic Meter		0.00	INR Zero Only

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43.04	6-10mm, 6.70 mm		9.00	One Cubic Meter		0.00	INR Zero Only
44	White washing one coat with freshly burnt white shell lime in all floors including cost of lime, blue powder, fevicol type gum, brushes, scaffolding charges, etc., complete complying with standard specification and as directed by the engineer in charge etc complete., in operators room		227.00	One Square Meter		0.00	INR Zero Only
45	Painting 2 coats with approved cement paint over cement plastered wall surface, ceiling and other new surface and including cleaning, preparing the surface and curing etc., complete. in operators room		237.00	One Square Meter		0.00	INR Zero Only
46	Painting two coats with Ready Mixed Enamel Paint over the new iron works of approved quality and colour without priming coat including the cost all materials etc.,complete, in all floors. for construction of ramb		96.00	One Square Meter		0.00	INR Zero Only
47	Supplying and fixing in position best quality cuddapah sink 600X600X200 mm of following sizes including cost of 32mm dia CP waste coupling, 32mm dia PVC waste pipe with rubber plug and chain, 15mm dia brass nipple including fixing the sink in position and testing for leakages etc., complete complying with standard specifications excluding CI brackets. [The sink and specials should be got approved by the Engineer before use on works] for operators room		3.00	One Number		0.00	INR Zero Only

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48	Supplying and fixing in position Indian Water Closet (Oriya type) of size 580 x 440mm white glazed earthen ware of approved quality and brand with "P" or "S" trap conforming to BIS with sand cushion and forming flooring around the closet using 40mm broken brick jelly in lime concrete 1:2:5 (One lime, Two sand and Five brick jelly) 100mm thick and finishing the top to the required slope and including giving necessary connection to CI soil pipes (including the cost of 100mm dia CI pipe for a length of 600mm) by dismantling brick masonry wall / reinforced cement concrete roof / floor slab and making good the dismantled portion to the original condition with leakages etc., complete complying with standard specifications and as directed by the departmental officers. (The water closet should be got approved by the Engineer before use on works). Using OPC Cement - operators room		3.00	One Number		0.00	INR Zero Only
49	Wash Hand Basin of size 550mm x 400mm with all accessories such as cast iron brackets, 32mm dia C.P. waste coupling, rubber plug and chain, 32mm dia 'B' Class G.I. waste pipe, 15mm dia G.M. wheel valve, Rate for Sl. No. Description Unit 2018-19 in Rupees 15mm dia nylon connection, 15mm dia brass nipples, 15mm C.P. pillar tap etc.i White without pedestal White with pedestal etc complete., Operators room		1.00	One Set		0.00	INR Zero Only

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50	Supply and erection of 4 x 6 Sqmm UG Copper Cable, including cost and coveyance of all materials to site and labour charges etc complete., For Light		600.00	One Running Meter		0.00	INR Zero Only
51	Supplying and fixing of 6 Metre Length Single Bracket GI STEEL TUBULAR POLE FOR STREET LIGHT with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length etc complete.,- 6 Metre Length Single Bracket GI STEEL TUBULAR POLE FOR STREET LIGH		20.00	One Number		0.00	INR Zero Only

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52	Supply and Fixing of 20W LED Street Light Fitting in the existing EB Poles- Fittings Made of pressure die cast aluminium housing with heat resistant toughened glass cover conforming to IP65. Separate Compartment for LEDs & Electronic driver with CCT of 5700K, PF >0.9. system Efficiency >8. Operating Voltage range 120V to 270V with surge arrester minimum driver current 700mA THD<10%. Lumens package not less than 105lm/W for LED source. Test certificate from NABL(National accreditation board for testing & Calibration Laboratory) for LM79 report. In house testing facility to be available for the same, Lamp life not less than 50,000 Hrs etc., Complete as per standard specification. 3.00RM. Supply and delivery of 3core 1.5Sq.mm flexible cable with ISI mark. supply and delivery of 25mm dia "B" class (L shape) G1 Bracket Length-.5M, Supply and delivery of 7"x3"x4mm RCC post Clamp size of 25x3mm thick with 6nos of 5/8" full thread 2" MS Bolt nuts. Labour Charges for New 20W LED Lamp Fittings complete set and including all necessary items etc., complete.		20.00	One Number		0.00	INR Zero Only
53	Supply and fixing of Horizontal type 4 way triple pole neutral MCB distribution board in sheet steel enclosure Double door(Metal) with 40A 4 pole MCB isolator as incoming and 12 Nos. 6 A to 32 A SP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB's should be with the ISI mark (like standard make) SD 179		2.00	One Number		0.00	INR Zero Only

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1	2	3	4	5	13	53	55
54	Supply and delivery of FANS - CONFORMING TO ISS 374 / 1979 a AC Ceiling Fan complete 1200 mm (48") Sweep with 300mm Down Rod (without Regulator) operators room		3.00	One Number		0.00	INR Zero Only
55	Wiring with 2x1.5sqmm(22/0.3) PVC insulated unsheathed SC. Cu.Conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A F.T. switch inflush with wall, covered with hylum sheet of 3mm thick with painting of suitable colour for open PVC light / fan point (For electronic regulator) (5 Points Per Coil) SD 22 operators room		5.00	One Number		0.00	INR Zero Only
56	Supply and fixing of 4' 40 W Twin street light flu.fitting complete with copper choke and condensor with 32 mm dia GI pipe (Class 'B') with 1 No 32mm GI Bend complete on the existing post wall with 16 A aerial fuse unit on MS plate with PVC unsheathed Copper leads MS clarnps and aluminium painting with flu.tubes. SD 95		5.00	One Number		0.00	INR Zero Only
57	Supply and fixing of single box type 4'40 W flu fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting. SD 88. operators room		5.00	One Number		0.00	INR Zero Only

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1	2	3	4	5	13	53	55
58	Supply, installation and commissioning of solar powered sludge pump (5-Nos) and water pump (1-No) of approved make Includes civil works, fabrication work for mounting the pump, necessary plumbing with manually flow control Valves. Non returnable Valves and spill back arrangement (for 1H.P) an approximate cost 100.00 has been taken) etc complete.,		5.00	One Number		0.00	INR Zero Only
59	Supply and installation of control panel and sensor for level indication in the tank and additional sensor for dry run protection of the pump, as per specification of the pump installed as well as Commissioning the control panel with safety measurements. Includes cost of wiring, civil works and others as required for installing and commissioning the system etc complete.,		5.00	One Number		0.00	INR Zero Only
60	Supply of Mechanised Tiller and trailer of 1 ton capacity for loading, unloading, transportation of dry sludge from sludge drying bed to the required location. etc complete.,		1.00	One Number		0.00	INR Zero Only
61	Supply, installation and commissioning of submersible pump of approved make for pumping of water (1 HP) . Includes civil works, fabrication work for mounting the pump , necessary plumbing as per the instructions of Engineer In charge.		2.00	One Number		0.00	INR Zero Only
62	Laying of Cable below For laying in GL including earth work as per standard specification.,						

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1	2	3	4	5	13	53	55
62.01	Laying Charge		600.00	One Running Meter		0.00	INR Zero Only
62.02	Clamp		2.00	One Set		0.00	INR Zero Only
63	Supply, installation and commissioning of 7.5 KVA Diesel generator (Mahindra Powerol, make) with required arrangements for venting out the exhaust. Also included is the cost of wiring and other electrical charges to connect to main feeder panel located at the operator room etc complete.,		1.00	One Number		0.00	INR Zero Only
64	Supply and delivery and fixing of HDPE tank 2000 as per IS 12701 / 1996 including loading, unloading, transportation and labour charges for fixing of the GI pipes and specials for pipe connection works including cutting, threading and fixing charges etc.,		1.00	One Number		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only