

BHAGIRATH CONSTRUCTION COMPANY

CIVIL ENGINEERS - CONSULTATIONS - DESIGNS - CONSTRUCTIONS

No. 43, Old No. 240/A, 3rd Floor, 57th Cross, 3rd Block, Rajajinagar, BENGALURU - 560 010.
Tel. Office : 23140355 / 56 / 57 Resi : 23303192 E-mail : bhagirathcon@gmail.com / bhagirathcon.66@gmail.com

ATUL GOPINATH, M.E.,

Managing Partner

No. : BCC /

DATE:

23.8.18

To,

The Chief Executive,
Engineering & General Sciences,
M.S Ramaiah Nagar,
Bangalore-54.

Copy.
23/8/18

Respected Sir,

Sub: Construction of Sewage Treatment Plant.
Submission of Final Bill

Copy

Enclosed please find Final Bill for the said project together with the following statements.

1. 3% Rate Revision Statement
2. Retention Deposit Statement
3. GST Statement
4. Extra Item Rate Analysis

This may kindly be scrutinized and payment released at the earliest.

Thanking You,

Yours Faithfully,


ATUL GOPINATH

MANAGING PARTNER

Note: Enclosures as above



Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054

Construction of Sewage Treatment Plant (All Tanks)

ABSTRACT

FINAL BILL

Sl.No	Particulars	Unit	Previous Quantity	Present Quantity	Total Quantity	Rate	Amount
1	EARTH WORK EXCAVATION						
	Earth work excavation over open area in all types of soil except soft and hard rock etc complete upto a depth of 5'-0"	Cft	24,052.15	650.00 ✓	24,702.15	4.70	1,16,100.11
a)	Depth for 5'-0" to 10'-0"	Cft	21,336.73		21,336.73	5.64	1,20,339.16
b)	Depth for 10'-0" to 15'-0"	Cft	17,769.15		17,769.15	7.05	1,25,272.51
c)	Depth for 15'-0" to 20'-0"	Cft	16,847.95		16,847.95	8.48	1,42,533.66
d)	Depth beyond 20'-0"	Cft	40,776.31		40,776.31	9.40	3,83,297.31
3	Back filling of earth to sides of Retaining wall & foundation sides	Cft		67,821.27 ✓	67,821.27	7.52	5,10,015.97
4	Disposal of excavated earth from site with all lead and lifts	Cft	1,20,782.29		1,20,782.29	2.82	3,40,606.06
5	Providing 6" thick rubble soling using stone boulders of 6" thick hand packed after levelling the ground surface spreading the same over the prepared surface and levelling it spreading the water over the quarry dust for good compaction with rammer etc- complete	Cft	1,312.66		1,312.66	70.50	92,542.53
	PLAIN CEMENT CONCRETE:						
6	Providing & laying plain cement concrete 1:4:8 for foundation and below floors using coarse graded aggregate of 40mm and down size laid in 6" layers and compacted by wooden or cast iron rammers including curing etc - complete.						
a)	Below floor & Raft	Cft	1,088.19	42.90 ✓	1,131.09	117.50	1,32,903.08
7	Providing & laying PCC 1:3:6 with 20mm aggregate etc-complete.	Cft		264.00 ✓	264.00	131.6	34,742.40
7a	Providing controlled cement concrete of grade M25 for RETAINING WALLS in basement and above ground level for all depths excluding cost of shuttering, reinforcements etc complete.	Cft	6,403.18		6,403.18	192.70	12,33,892.79
10	Providing controlled cement concrete of grade M20 for FOOTING of all shapes at all depths excluding the cost of shuttering and reinforcement etc -	Cft	21.49		21.49	159.80	3,434.10
10a	Providing controlled cement concrete of grade M25 for FOOTING of all shapes at all depths excluding the cost of shuttering and reinforcement etc -	Cft	3,232.89		3,232.89	164.50	5,31,810.41
17	Providing controlled cement concrete grade M20 for LINTELS of all shapes excluding cost of shuttering and reinforcement etc - complete.	Cft	8.98		8.98	178.60	1,603.83

Sheela
Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054

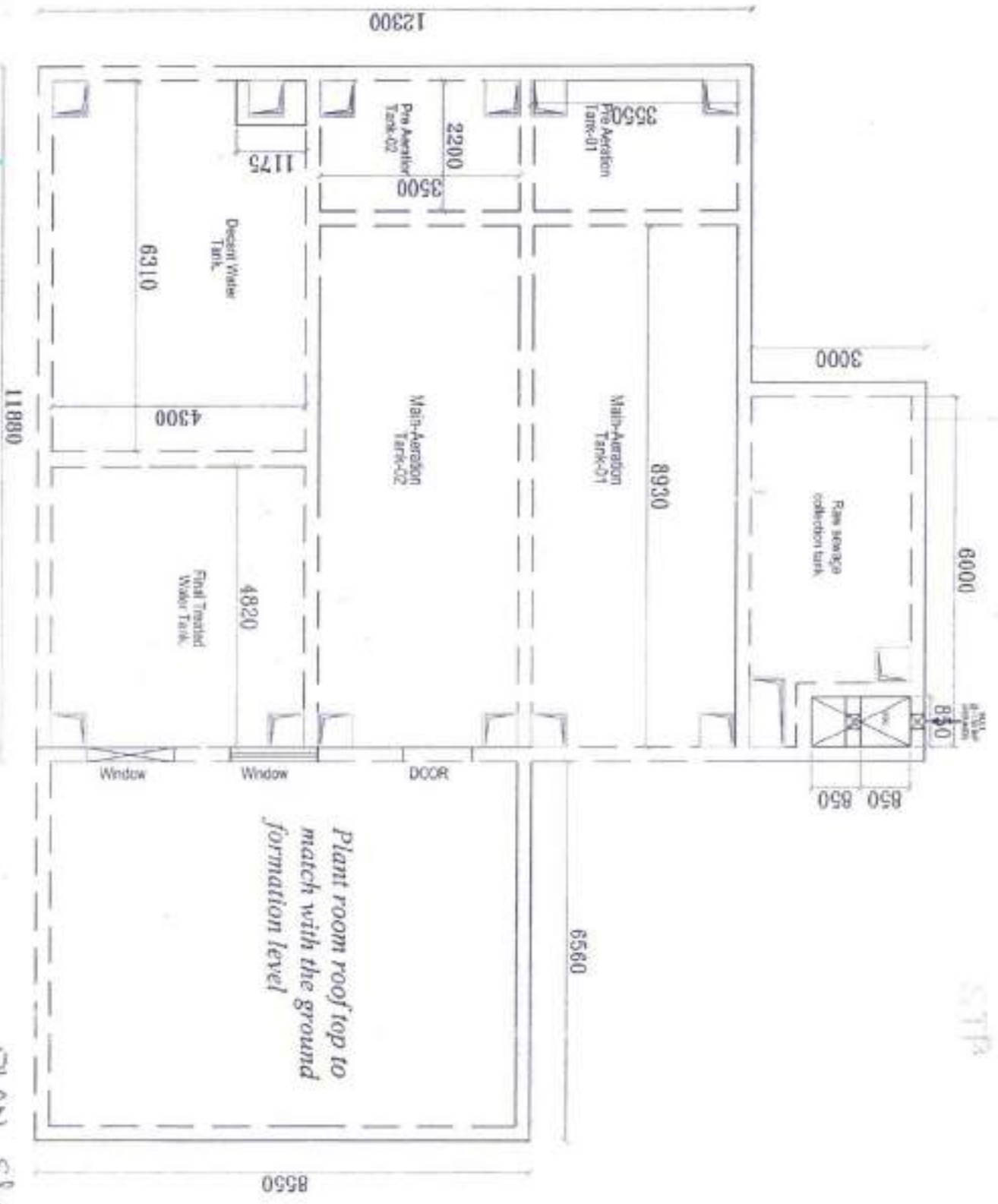
	Providing centering and shuttering for required size and shape at following heights.						
a)	Footing Rafts	Sft	353.16		353.16	28.20	9,959.11
b)	Retaining walls	Sft	12,883.56		12,883.56	42.30	5,44,974.59
e)	Staircase, Lintel & Cheja	Sft	35.40		35.40	56.40	1,996.56
21	FABRICATION OF STEEL :						
	Providing, cutting and fabricating high yield strong recasting high yield strong ribbed cold twisted for steel of various dia meters grade FE 415 conforming to I.S 1786 for concrete work. Work includes placing in position as per drawings supplying and use of 18 gauge black annealed binding wire to tie bars in position and providing pre cast cement concrete to ensure specified cover according to relevant IS Code. The measurement will be accordance with IS Code 1200 [Basic Rate:	MT	21.55		21.55	58,000.00	12,49,610.00
4	Providing solid concrete block masonry in CM 1:6 of size 400X200X200mm including scaffolding, curing etc complete as per detailed specification at all floor level.	Cft	142.47	155.10	297.57	141.00	41,967.37
50	Water Proof Plaster in CM 1:3, 12mm thick with cement floating coat 2% WPC	Sft		363.26	363.26	37.60	13,658.58
66	Providing and fixing window and ventilator MS steel grills with bright rods and bright flats, including applying a coat of red oxide primer etc complete. (Basic Rate-Rs 55/Kg)	Kg	58.03	147.66	205.68	108.10	22,234.08
69	Providing and applying bitumin on RCC wall brick/stone plastering surface below ground level as water proofing agent etc	Sft	3,750.42		3,750.42	16.92	63,457.11
70	Providing and laying CC flooring 1:2:4 over base concrete upto 3" thick laid in panels of 3mx3m (max) including finishing top surface in CM 1:2 etc - complete	Sft	607.86		607.86	65.80	39,997.19
71	Extra for providing V.D.F. flooring over item no 70 above.	Sft	607.86		607.86	23.50	14,284.71
79	Providing, Fabricating and erecting MS inserts like Angles, plates etc - complete at all levels. Basic Rate-Rs 56/Kg	Kg		570.00	570.00	103.4	58,938.00
80	Providing and fixing stagging works for supporting roof system beyond initial height of 3.5m (double stagging) etc -	Sft	1,323.00		1,323.00	20.68	27,359.64
EI-21	Providing and applying epoxy painting fo	Sft	11,618.47		11,618.47	54.00	6,27,397.38

12	fixing, testing and commissioning of SWR IS 13592, Type B approved make such as prince, supreme etc. for waste water and sewage lines including specials like Bend, Elbow, Tee "Y" etc.						
	b. 110 mm dia (6 Kg/Cm ²) SWR Pipe	Rft	54.00	54.00	204.00	11,016.00	
Plumbing EI-3	Providing Core Cutting for R.C.C Walls for pipe crossings						
	125mm x 200 mm @ Raised platform Area	Nos	12.00	12.00	425.00	5,100.00	
	250mm x 300mm in Decant chamber	Nos	2.00	2.00	1,276.00	2,552.00	
	250mm x 300mm in Main Aeration tank	Nos	4.00	4.00	1,276.00	5,104.00	
	125 mm x 300mm in Pre Aeration Tank	Nos	4.00	4.00	638.00	2,552.00	
EI-1	Providing and fixing heavy duty RCC manhole cover with frame for covering	Nos	1.00	1.00	4,046.23	4,046.23	
	Total Amount (A)					55,15,288.43	
	Deduct upto R.A Bill-2 Amount					-58,21,636.83	
	Balance Amount (B)					6,93,651.60	
	Add 3% Increase For Rates Escalation (As per statement)					20,809.55	
	Gross Total Amount (C)					7,14,461.15	
	Base amount exclusive of all taxes as per GST Statement (D)					6,48,625.64	
	Recoveries						
1	Steel						
2	Water Supply & Electrical Charges@ 1.5% on [C]					10,716.92	
3	Retention Deposit 2.5% (As per Statement)					17,341.29	
	Total Amount (D)					28,058.21	
	Net Bill Amount (C-D)					6,20,567.43	
	Add GST as per statement					1,16,752.62	
	Net Payable Amount					7,37,320.05	
	Say					7,37,320.00	
Rupees Seven Lakhs Thirty Seven Thousand Three Hundred and Twenty Only.							

For BHAGIRATH CONSTRUCTION CO,

ATUL GOPINATH
MANAGING PARTNER

Heck
Principal
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054



Plant room roof top to match with the ground formation level

STP

PLAN Showing the STP

E - J - Werra

15/07/2019,

STP work order.



RAMAIAH

Gokula Education
Foundation

M S Ramaiah Nagar
MSRIT Post
Bangalore 560 054
www.ramaiah-india.org

T: 080 2360 5283
080 2360 2497/2461
F: 080 2360 8261

Date: 21/11/2016

To,
M/s. Brookfield Technologies Pvt Ltd.,
E1381, 5th Cross, 6th Main,
AECS Layout, ITPL road,
Brookfields, Bangalore- 560037.

Dear Sir,

Sub: Award of work order / Purchase order for 250 KLD sewage treatment plant.
Ref: Your offer reference Nil Dt.22.04.2016 and final offer through mail Dt. 28.06.2016.

With reference to above and subsequent discussions, we are pleased to issue this purchase order for design, engineering, manufacturing, supply, erection, commissioning and handing over of a fully functional sewage treatment plant of 250 KLD capacity in MSRIT campus located at MSR Nagar, Mathikere, Bengaluru at a lump sum package price excluding taxes of Rs. 27.00 Lacs (Twenty seven Lacs only). Other terms and conditions are as under.

(i). Scope:

Design of 250 KLD sewage treatment plant based on Advanced Sequential batch reactor (SBR) Technology which is controlled by Programmable Logic Controller (PLC).

Supply of Mechanical, Electrical and Instrumentation items.

Supply of interconnecting pipes and valves.

Erection of supplied items.

Testing and commissioning of the plant.

To run the plant for three months as trial run and ensure that the performance is in order.

To provide an operating manual and a maintenance manual.

(ii) The detailed specifications for supply and technical specifications is as indicated in Annexure-1.

(iii) It is the responsibility of M/s. Brookfield Technologies Pvt Ltd to keep the custody and take care of all the materials supplied during the course of installation and until such period it is completely installed and handed over to MSRIT.

(iv) You shall provide yourself all the tools, tackles or special fixtures and statutory permits required for safe unloading, loading, erection and commissioning of STP.

(v) The scope of supply shall include all such items which are not specifically mentioned in this letter, but are absolutely essential for satisfactory life time operation of STP and deliver the desired characteristics of treated waste water as per KSPCB guidelines.

Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054





Gokula Education
Foundation

M S Ramaiah Nagar
MSRIT Post
Bangalore 560 054
www.ramaiah-india.org

T 080 2360 5283
080 2360 2497/2461
F 080 2360 9261

RAMAIAH

II. Commercial terms:

- A. **Order Acknowledgment-** You will send formal order acknowledgment within seven days from the date of receipt of this Purchase order / Work order.
- B. **Price-** The package price of Rs. 27,00,000/- remains fixed & firm till the complete execution of the contract without any escalation whatsoever. The package price includes all packing, forwarding and freight charges up to our institute.
- C. **Delivery-** The entire work to be completed & commissioned within two months time from the date of release of advance. Time is of the essence in this contract and you will strictly adhere to the deliver and commissioning schedule.
- D. **Taxes & Duties-** VAT and ST is as applicable on production of relevant tax invoice.
- E. **Transit Insurance-** Transit insurance is under M/s. Brookfield Technologies Pvt. Ltd scope. You will submit the following documents immediately (in Original + 2 Copies) after dispatching the material-
- (i) Invoice
 - (ii) Delivery Challan
 - (iii) Guarantee Certificate
 - (iv) Transit Insurance Note
- F. **Payment Terms-**
- (i) 30% advance on acceptance of purchase order against advance bank guarantee.
 - (ii) 60% against delivery of materials at site.
 - (iii) 10% against installation and Commissioning of STP and submission of performance certificate & bank guarantee for 5% value valid for 5 years.
- G. **Training-** You will provide training to our Engineers & operators on operation & Maintenance of the STP at our works at no extra cost.
- H. **Documentation-** You shall provide the documents as per following details.
Manufactures' test certificates for all major bought out items inspection report,
Approved drawings of civil, mechanical and electrical items.

Final documents-

- (i) As built drawings for civil, mechanical and electrical.
- (ii) O & M manuals in soft & hard copy; operators manual covering operation, periodic maintenance, workshops manual drawings, dos and don'ts, all parts listing and description
- (iii) List of spare parts specifications for maintenance.
- (iv) Performance reports for three months trial period.

(Signature)

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054





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Foundation

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F 080 2360 8261

RAMAIAH

- I. **Progress of work and notifying delay-** You will send us a detailed Gant chart within one week from the receipt of this Work order / Purchase order. It should cover all the major activities with the completion dates and names of the responsible individuals from your team.
- J. **Inspection & testing-** You shall allow us to visit your works during erection and commissioning to assess the progress of work as well as to ascertain the quality. All equipment and accessories shall be tested at your works prior to dispatch and certified test reports shall be submitted.

K. **Warranty for equipment**

12 months from the date of commissioning for all mechanical and electrical components.

- L. **Right to cancel the order-** We reserve the right of cancellation if the execution is delayed considerably beyond the proposed delivery & commissioning date for the reason solely attributable to you and may affect the completion of the project without any commercial implications whatsoever.

If the quality or performance of the equipment is found to be below the acceptable norms, you will be given one opportunity to rectify the problem. If you fail to rectify the problem within a reasonable time, we will be having the right to reject the equipment and purchase the new equipment from any other supplier and back charge the cost to you.

- M. **Force Majeure-** Delivery and commissioning shall not be extended for any reason except for acts of war or natural calamity, riots, complete strike or lockout in your factory.

If a delay or restriction due to above force majeure conditions occurs, you will give us prompt written notice of the occurrence within five (5) days of commencement of such event. If the total cumulated time of above force majeure conditions amounts to more than 90 days, upon mutual ascertainment, we shall be entitled to cancel the order and there shall be no claim whatsoever against us.

Please return the duplicate copy of this work order/ Purchase order duly stamped and signed by your authorized signatory as a token of acceptance to the terms and conditions without any deviation.

Thanking You,

Yours faithfully,

Chief Executive

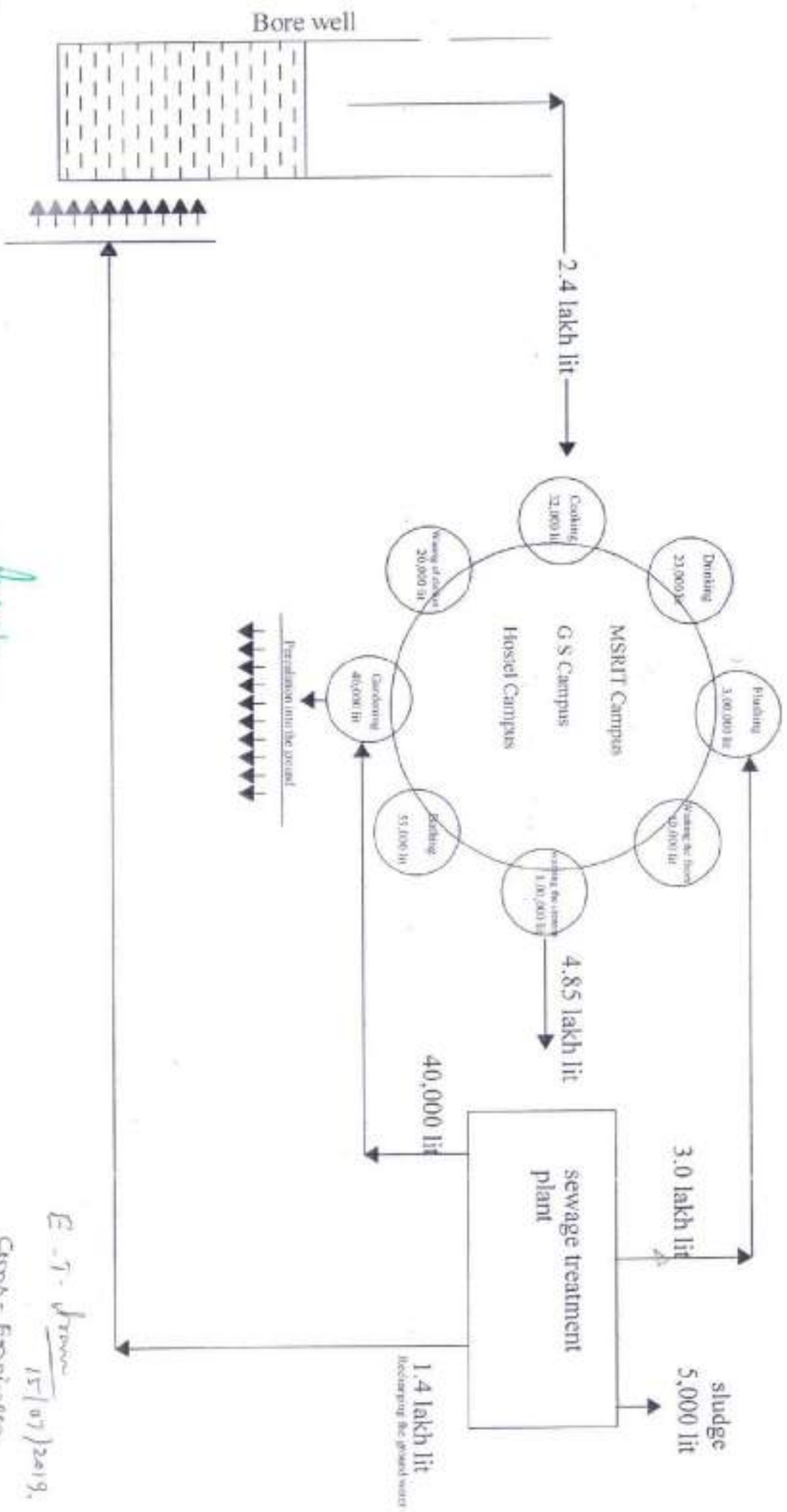
Principal
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054

- Copy to: 1) The Chief Engineer, GEF (Engg).
2) M/s Bhagirath Construction Company.



GEF (ENGG & SCIENCES)

SANITATION SYSTEM WITH TREATMENT



Well


Principal

*S. Ramkishan College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Tirunelveli - 627 024

E. S. Arava
15/07/2019,
Cems - Engineer

GEF



TAX INVOICE			
Party's Name & Address : Gokula Education Foundation MS Ramiah Nagar, MSRIT Post, Bangalore-560054 Party's TIN No. : 2900000000		Bill No. 235/2016-17 Date 18.01.2017 Order Ref: NIL Date: 21.11.2016 Our Company: TIN No. 29940780830 Service Tax Code: AADCB2932JS0002 PAN NO: AADCB2932J CIN: U37200KA2007PTCD44306	
Description	Amount(Rs.)		
250KLD SEWAGE TREATMENT PLANT AT "MSRIT CAMPUS" MSR NAGAR, MATHIKERE, BANGALORE 1.30% on mobilization advance against bank guarantee 2.60% payment against delivery of materials at site. TOTAL (1+2) - A Less: Exemptions under VAT 1) Labour Charges @ 15% on Rs Total Exemption - B Taxable Turnover A - B 14.5% VAT on 35% Service Tax @ 14% on 40% of gross value Rs. SB Cess @ 0.5% on 40% of gross value Rs. KK Cess @ 0.5% on 40% of gross value Rs.			
			8,10,000 ✓ 16,20,000 ✓ 24,30,000 ✓ 24,30,000 3,64,500 ✓ 3,64,500 20,65,500 ✓ 20,65,500 24,30,000 24,30,000 24,30,000 299,498 1,35,000 4,860 4,860 ✓ 28,75,298 ✓
Rupees in words [Twenty Eight Lakh Seventy Five Thousand Two Hundred Ninety Eight Only]			
Note: Total Invoice Amount (Rs.) 28,75,298 Less : Advance (Rs.) (Ch No. 731962 Dt. 29.11.2016) -9,39,264 Net Amount Receivable(Rs.): <u>19,36,034</u>		For Brookefield Technologies Pvt. Ltd.  Authorized Signatory	
Note: Please make your payment only by a crossed cheque/demand draft /RTGS in favour of "Brookefield Technologies Pvt. Ltd." payable at Bangalore. (RTGS Details: Bank: Karur Vysya Bank, Branch: Jayanagar, A/c No.1315280000000307, IFSC KVBL0001315.			

2875.298 ✓
 Less 939264
 TDS 19169 ✓

 21.778

 958433

 1916865

 36,337

 18,78,528 ✓


 Principal
 W.S. Ramiah College of Arts, Science & Commerce
 MSRIT Post, MSR Nagar
 Bangalore 56 0054

Registered Office
 E-138t, 5th Cross, 6th Main
 AECS Layout, ITPL Road
 Brookefields
 Bangalore 560 037, Karnataka
 Telfax: +91 80 41705115
 Email: contact@brookefield.in

Works:
 17-C, KIADB Industrial Area
 Hoskote, Bangalore 562 114

Branch:
 H-2178, HICO Industrial Area
 Sitapura Extn.
 Jaipur 302 022, Rajasthan
 Email: jaipur@brookefield.in



www.brookefield.in

CIN: U37200KA2007PTCD44306



TAX INVOICE			
Party's Name & Address :		Bill No.	
M S RAMAIAH EDUCATIONAL INSTITUTION GEF Engineering and Science M.S Ramalah Nagar Bangalore-560054		54/2018-19	
GSTIN : 29AAATG1781E1ZR PAN NO: AAATG1781E		Date : 25.05.2018	
		Order Ref:	
		Date:	
		Our Company:	
		GSTIN: 29AADCB2932J12M	
		PAN NO: AACCB2932J	
Description	HSN /SAC Code	Amount (Rs.)	
SEWAGE TREATMENT PLANT	995415		
1. Supply and installation of Float level switches with counter weight with 5mtr cable Double-chambered float - European Make-2nos			
CGST@9% on		10,500	
SGST@9% on		10,500	
Total Amount			
Rupees in words [Twelve Thousand Three Hundred Ninety Only]			

For Brookefield Technologies Pvt. Ltd.

Bangalore-37
Tel: 41705115
Authorized Signatory

Note: Please make your payment only by a crossed cheque/demand draft /RTGS in favour of "Brookefield Technologies Pvt. Ltd." Bangalore

RTGS Details:-	
Bank Name	INDUSIND BANK
Bank A/c Number	650014080453
Bank Branch	M.G ROAD, BANGALORE
Bank branch address	GROUND FLOOR, CENTENARY BUILDING NO.28 M.G. ROAD, BANGALORE-560001
MICR code of bank	580234002
Bank Branch RTGS IFSC Code	INDB0000008
Account Type	CASH CREDIT ACCOUNT

NOTE:- Material received in condition & installed in position, hence payment may be made.

[Signature]
26/5/18

The float level sensor which helps in automatic operation of STP was out of order and replaced by Brookefield Tech. The amount Rs 12,390/- including GST may please be approved.

[Signature]
Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore-560054

Registered Office: *[Signature]*
E-1381, 5th Cross, 6th Main
AECS Layout, ITPL Road
Brookefields,
Bangalore 560 037, Karnataka.
Telfax: +91 80 41705115

[Signature]
CRO.

For lead amount *[Signature]*
www.brookefield.in
C.O. U.S.7208/A.28-7PE/04/308

Branch:
H-2178, RIICO Industrial Area
Sitapura Extn.,
Jaipur 302 022, Rajasthan





Principal

M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054



Time: 02-25-2020 12:59
Note: Air Blower



Latitude: 13.032227
Longitude: 77.5669
Elevation: 927.75m
Accuracy: 27.9m
Time: 02-25-2020 12:58
Note: Pressure Sand Filter

Sheela
Principal
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054



Latitude: 13.032228
Longitude: 77.5689
Elevation: 937.67m
Accuracy: 44.0m
Time: 02-25-2020 12:57
Note: Chlorine Dosing System



Latitude: 13.032218
Longitude: 77.568297
Elevation: 935.52m
Accuracy: 20.9m
Time: 02-25-2020 12:56
Note: Decanter Mechanism

Sewage Treatment Plant

Aneel

Principal
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore 56 0054

GEF (Engg & Sciences)

O/O The Chief Engineer

Date : 04-01-2021

Form for Approval

SI No	Project Name	Description of the work	Vendor Name	Scrutinized Amount for approval	Remarks
1	RIT	Repairing, of 12.5 HP submercible pump attached to bore well near gate no 7 Impeller repair and replacement etc	New kings Electrical Engg works	Rs 12,500/= excluding GST	The quotation for repair of bore well motor is reasonable and may please be approved

E-T-Boam
Chief Engineer
04/01/2021

Reg (admin)
4/1/21

Principal (RIT)
4/1/21

CFO
4/1/21

CE
4/1/21

ESTIMATE



NEW KINGS ELECTRICAL ENGINEERING WORKS



#20, Old No. 1048, 3rd Main Road, Near M.S. Ramaih Bus Stop, Triveni Road,
Gokul 1st Stage, 2nd Phase, Yeshwanthpur, Bangalore-54. Mob.:9945322565, 8123556710

Specialist in :

all Types of AC-DC Motors Welding Transformer, Generator Sub-mersible Pump Re-winding,
Industrial Wiring, Electrical Equipment, Machinery Servicing and Repair

No.

Date... 11/1/2021

Sl. No.	Particulars	Qty.	Amount	
			Rs.	Ps.
	TRAMO 12.5.HP. BORWELL MOTOR RE-PAIRING IMPIER PUMP-STD- THRUST BEARING SET SERVING LEATH WORKS PAINTING - SS-SLEEVES RUBBER BUSH		12500	
		TOTAL	12500	

(18% TAX EXTRA)

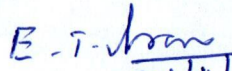
GEF (Engg & Sciences)


O/O The Chief Engineer

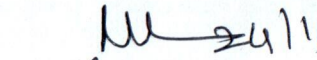
Form for Approval

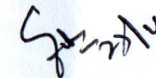
Date : 21-11-2020


SI No	Project Name	Description of the work	Vendor Name	Scrutinized Amount for approval	Remarks
1	RIT	STP – Treated waste water tank cleaning.	Sri venkateshwara services	Rs 16,000/= ✓	The treated water tank has sludge and it should be cleaned to improve the quality of treated waste water. The quotation is submitted for approval.


21/11/2020
Chief Engineer


22-11-2020
Reg (Admin)


24/11
Principal (RIT)


CFO


CE



SRI VENKATESWARA SERVICES

Bangalore

Date:20/11/2020

QUOTATION

To,

Subject:SEPTIC TANK CLEANING

Dear Sir,

We have cleaning Tank Cleaning with Vacuum pump with tanker

STP (Treated water tank)
cleaning.

5 Loads x Rs 2500 = 12,500

3 labours x Rs 1000/- = 3,000

Misc (food etc) → 500

16,000

	RATE
1)waste water and sludge removal (Tanker capacity =4,000 ltrs)	2,700/- (Per load) 2500/- Per load
2) Labour for deep tank cleaning	1,000/- (per head)

(Including Transportation, Driver, Supervising, Cleaning)

Total Rs 16,000/-

Terms and conditions

GST@18%willbe charged ifneeded)

OUR6StagesofWaterTankCleaningServices

STAGE.1MechanizedDewatering

TheManhole/tankandsurroundingsarecleanedoffdirt,mudandalgaeafterwhichthewaterbelowthefoot-valvelevelispumpedoutusingspecialde-wateringequipment.

STAGE.2SludgeRemoval

IntheSludgeRemovalprocessthesludgeanddebriswhichhassettledonthefloorofthetankissuckedoutusingourspecialsludgepumpingequipment.

STAGE.3HighPressureCleaning

GEF (Engg & Sciences)

O/O The Chief Engineer

Form for Approval

Date : 08-06-2020

Sl No	Project Name	Description of the work	Vendor Name	Scrutinized Amount for approval	Remarks
1	STP	Servicing of pressure filter and replacing the media and spare parts	Green point	Rs 49,000/= including GST	The STP filtration unit efficiency has come down with low filtration rate. Previous servicing was done in the month of nov 2018 and therefore servicing is due. The quotation for servicing is submitted for kind approval

E. J. Khan
Chief Engineer
08/06/2020

Dy Reg

[Signature]
10.6.2020
✓ Reg (admin)

[Signature]
10/6/2020
Principal

[Signature]
CFO

[Signature]
CE

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10/6/2020



Green Point
...For Sustainable Development

T : +91 80 2324 0242
M : +91 96110 88975
E : greenpoint.srb@gmail.com

Green Point

#47, 'Sukruti', 2nd Main,
Government Press Layout,
Ullal Main Road,
Bangalore - 560 056.

Ref: GP-25/SER/20-21

Date: 03. 06. 2020

To,

M/s. Ramaiah Engg College,

Hospital Management block,

M S Ramaiah Nagar, MSRIT Post,

Bangalore – 560054.

Dear Sir,

Kind Attn: Mr. Arasu. – Manager.

Sub: Submission of quotation for towards Replacement of STP PSF filter media work.

At the outset, we wish to express our profound thanks for kind courtesy extended to the undersigned during our visit to your office and discussion regarding above subject.

In this context, we take this opportunity to introduce ourselves as Environmental Consultants and Turnkey professionals, offering services in the areas off:

1. Consultancy services applied to Environmental analysis, Planning and Environmental Engineering.
2. Domestic and Industrial effluent treatment plants and Recycling plants.
3. Annual operation and maintenance contract of STP/ ETP's/ Retainer consultancy services on – Annual contract.
4. Water treatment (D.M. plants, Softener, R.O Plants, Filters Etc.)
5. Project Feasibility assessment and strengthening, Environmental Audit and EIA studies.
6. Environmental project management and monitoring program.
7. Air pollution control equipments.



Quotation:

Sl. No.	Particulars	Qty	Unit rate	Total rate
I	supply of filter media, removal of existing filter media, cleaning & inside epoxy paint, filling of supplied filter media, replacement of Gaskets,			
a.	PSF filter of size 1.2 m x 1.75 m HOS	1 no		
1	Filter media for two filters like different grades of pebbles (HSN code-2517) Sylex and sand. (HSN code-2506) (Exciting materials app: qty-600 kgs reused after water wash)	1800 kgs	10.20	18360
2	Gaskets (sets) (HSN code-4008)	1 set	3200	3200 ✓
3	Inside epoxy paint (no) (HSN code-3208)	1 no	6500	6500 ✓
4	Outside Enamel paint (no) (HSN code-3208)	1 no	2800	2800 ✓
5	Labor charges for removal and laying of supplied media (no) (SAC code-998719)	1 no	9500	9500 ✓
6	Transportation Supply of New Media	1 no	4200	4200 ✓
Subtotal				44560
SGST @ 2.5% on Sl. No-1 (18360) @ 9% on Sl. No- 2 to 6 (26200)				2817
CGST @ 2.5% on Sl. No-1 (18360) @ 9% on Sl. No- 2 to 6 (26200)				2817
Net Total (Rupees Fifty thousand One hundred and Ninety-four only)				50194

Negotiated
₹ 49,000/-

Note:

- **Green Point Vendor GST No: 29AGDPB9483F1Z8.**
- Completion period will be 10 days from the date of PO with advance.
- This quote will be valid for 30 days from the date of quote.
- Any fault function valves is clients scope.
- Any welding requirement for the work is client scope.
- Lifting and transportation of removed old filter media to outside the industry.
- All civil and Electrical works if any.



Payment terms:

- 100% within 7 days from the date of completion of work.

We hope our offer is in line with your requirements and we now earnestly look forward to receive your valuable order.

Yours truly,

For Green Point


(Sreenivasa Reddy. B)



GEF

(ENGINEERING AND SCIENCE)

DEPARTMENT: MAINTENANCE DEPARTMENT

GS BLOCK

DATE:30-08-2021

PURCHASE INDENT

SUBJECT: Permission may please be given to procure the following items for use in sewage treatment plant for plant maintenance purpose

Sl.No	Particulars	UOM	QTY	Remarks
1	3" butterfly valve	nos	2	
2	2" butterfly valve	nos	1	
3	jaggery	kg	10	
4	Di ammonium phosphate	kg	5	
5	umbrella	nos	2	
6	Dosing pump foot valve	nos	1	
7	Sodium hypochlorine	l	40	

R. N. G. 30/08/21
INDENTED BY

E. J. V. Ram 30/8/2021
The Chief Engineer

G. J. 31/8
The Chief Finance officer

GEF (Engg & Sciences)

O/O The Chief Engineer

Form for Approval

Date 03-04-2021

SI No	Project Name	Description of the work	Vendor Name	Scrutinized Amount for approval	Remarks
1	RIT	Repair of 7.5 HP open well submercible pump fitted in RIT sump	New kings electrical Engineering works	Rs 8,900/= excluding GST	The open well submercible pump went out of order and the water supply system was affected to apex block and heritage block. The maintenance staff – RIT also are on leave on that day. The GS block maintenance staff was put into site and restored the water supply. The pump shaft is deteriorated and requires repair. The quotation for the same may please be approved.

B. J. Varma
03/04/2021
Chief Engineer

[Signature]
Reg (Admin)

[Signature]
Principal (RIT)

[Signature]
CFO

[Signature]
CE

GSTN : 29DAMPP7382F1Z0

QUOTATION

Mob : 7795352932

INTERIOR WORK SOLUTIONS
wholesale scrap dealer

#66, Singapur Vilage, Yelahanka Main Road, Vidyananyapura Post, Bengaluru - 560097

Date : 13.02.2021

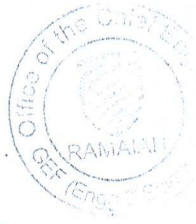
To
 M/s : Chief Engineer,
 MSRIT, Bangalore - 560054

ORDER NO
 PARTY GSTIN
 DC. NO

No.	PARTICULARS	RATE / KG IN RS
-----	-------------	-----------------

- Approved Rates
1. E - waste high value materials desk top, Laptop & TFT Monitor
 2. General waste - Electrical switches
 3. CRT monitor, Printer, Key Board, mouse & Scanner, Electric instruments
 4. Cable - Computer cables

23
 16
 14
 35



Approved.
E - J. Ram
 15/02/2021.
 Chief Engineer.

[Handwritten Signature]
 CoF

[Handwritten Signature]
 Co

Maintenance Engineer

Dispose the E-waste

Net Amount		00
GST @ 5%		00
Grand Total		00

[Handwritten Signature]
 Authorised Signatory

R 33746


GEF (Engg & Sciences)

O/O The Chief Engineer


Form for Approval

Date : 08-06-2020

Sl No	Project Name	Description of the work	Vendor Name	Scrutinized Amount for approval	Remarks
1	STP	Cleaning of STP tanks	Venkateswara services	Rs 17,800/=	The STP tanks are to be cleaned to remove the stagnation of sludge. The quotation is submitted for kind approval


Chief Engineer
09/6/2020 Dy Reg


Reg (admin)
10-6-2020


Principal
10/6/2020


CFO


CE

Comparative statement

Sl no	Description of the work	Charan cleane	Sri venkateshwara services
1	Cleaning of STP tanks	Rs 28,200/=	Rs 17,800/=



SRI VENKATESWARA SERVICES

Bangalore

Date: 08/06/2020

QUOTATION

To,

Subject: SEPTIC TANK CLEANING

Dear Sir,

We have cleaning Tank Cleaning with Vacuum pump with tanker

	RATE
1) Waste water and sludge removal	2,300/- (Per load)
2) Labour for cleaning the tank	1,000/- (per person)

(Including Transportation, Driver, Supervising, Cleaning)

Tend and conditions

GST@18% will be charged if needed)

OUR 6 Stages of Water Tank Cleaning Services

STAGE.1 Mechanized Dewatering

The Manhole/tank and surroundings are cleaned off dirt, mud and algae after which the water below the foot-valve level is pumped out using special de-watering equipment.

STAGE.2 Sludge Removal

In the Sludge Removal process the sludge and debris which has settled on the floor of the tank is sucked out using our special sludge pumping equipment.

STAGE.3 High Pressure Cleaning

Six loads are expected

6 loads x 2300 = Rs. 13800

4 labours.

4 x 1000 = 4,000

Total. 17,800

The walls and ceilings of the tanks are thoroughly cleaned using special high pressure jet cleaners which get rid of the calcination, algae and all other contaminants and debris which cling on the internal surface of the tank. This prevents the growth of microbiological contaminants.

STAGE.4 Vacuum Cleaning

The sludge removal process uses an Industrial Vacuum Cleaner to remove the residual contaminants, making the tank absolutely peck-free.

STAGE.5 Anti-bacterial Spray

The most important Stage-Anti-bacterial treatment on the walls and ceilings using specially developed Prakruthi Tank Clean Antibacterial agents make it totally sterile from bacterial attack.

STAGE.6 UVRadiation

The final process Prakruthi Tank Clean process is final sterilization and disinfection using UVRadiation by a specially developed UV Radiator which is used to kill any suspended or floating bacteria remaining in the tank.

Safety Precautions While Tank Cleaning

Never Enter Without Personal Protective Equipment: Person entering the tank should always wear proper personal protective equipment while entering enclosed spaces such as **Gumboots, helmet, safety jacket, hand gloves, Etc**
Take

All Equipment And Tools Required: Take all necessary equipment and tools required for works such as **high pressure, motor, vacuum, chemicals, buckets, water etc.**

Check the Oxygen level: Before making an entry, the atmosphere of the tank should be tested for percentage of oxygen and availability of any toxic gases. This has to be done using remote access if possible, otherwise the person entering the tank for testing atmosphere must wear a breathing apparatus

CHARAN CLEANER

NO 14, 1ST Cross, 1ST Main Ramanjany Layout, palanahalli, yalahanka, Bangalore-560064

Email ID: marunayak951@gmail.com

Date: 03/06/2020

QUATATION

Ref

To,.

Subject: STP Tank Cleaning

Dear Sir,

We have cleaning Stp Tank Cleaning with Vaccum pump with tanker

Per tank (capacity 4000 Ltrs)

Per load (Rs. 3700)

Total for labours

Labour charges (par labour 1500)

$$\begin{array}{r} 6 \text{ loads} \times 3700 = 22,200 \\ 4 \quad \times 1500 \quad = 6,000 \\ \hline \text{Total} \quad \quad \quad 28,200 \end{array}$$

GST Charges Extra 18%

CHARAN CLEANER


signature