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எம்.வெங்கட்ராகவன், வட்டார வளர்ச்சி அலுவலர் (வ.ஊ), ஊராட்சிஒன்றியம், காட்டாங்கொளத்தூர். Tagore Engineering and Medical College. Rathinamangalam, Chengalpattu District.

ந.க.எண்.0843/2022 /அ2

நாள்.10.08.2022

ஐயா,

பொருள் - பெருநிறுவனங்களின் சமூகபொறுப்பு (CSR) 2022-23ஆம் ஆண்டு -காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியம் - Tagore Engineering and Medical College, Rathinamangalam என்ற நிறுவனம் CSR திட்டத்தின் கீழ் வேங்கடமங்கலம் ஊராட்சி - இரத்தினமங்கலம்

தாங்கல் ஏரியை தூர் வாருதல் - தொடர்பாக.

பார்வை - 1.மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு மாவட்ட ஊரக வளர்ச்சி முகமை, செங்கல்பட்டு மாவட்டம் அவர்களின் நேரடி களஆய்வு

நாள்.07.07.2022.

2.தொடர்புடைய ஆவணங்கள்.

செங்கல்பட்டு மாவட்டம், காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியத்தில், வடகிழக்கு பருவமழை முன்னெச்சரிக்கை நடவடிக்கை மேற்கொள்ளும் பொருட்டு, மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு அவர்களால் 07.07.2022 அன்று மேற்கொள்ளப்பட்ட களஆய்வில் வேங்கமங்கலம் ஊராட்சி, இரத்தினமங்கலம் கிராமம் சர்வே எண்.163/IA1A, 6, 7 மற்றும் 8 தாங்கல் ஏரியை தூர்வாரும் பணியினை பெரு நிறுவனங்களின் சழூக பொறுப்பு திட்டத்தின் கீழ் 100 சதவீதம் பங்களிப்புடன் மேற்கொள்ள அறிவுறுத்தியுள்ளார்.

எனவே, காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியத்தை சேர்ந்த வேங்கடமங்கலம் ஊராட்சி, இரத்தினமங்கலம் ஓட்டேரி தாங்கல் ஏரியை தூர்வாரும் பணியினை தங்களது நிறுவனத்தின் மூலமாக பெரு நிறுவனங்களின் சமூக பொறுப்பு திட்டத்தின் கீழ் 100 சதவீதம் பங்களிப்புடன் மேற்கொண்டு நீர் நிலையினை பாதுகாத்து நிலத்தடி நீரினை பெருக்கிட உதவிட தங்களின் இசைவினை தெரிவிக்குமாறு கனிவுடன் கேட்டுக்கொள்கிறேன்.

வட்டார வளர்ச்சி அலுவலர் (வ.ஊ). காட்டாங்கொளத்துர்.

நகல்

மாவட்ட ஆட்சித்தலைவர் / பெருந்தலைவர், மாவட்ட ஊரக வளர்ச்சி முகமை, செங்கல்பட்டு அவர்களின் தகவலுக்காக பணிந்தனுப்பப்படுகிறது.

SE 13 M

Office of the Chief Engineer Construction & Maintenance, Highways Department, Chennai – 25

Memo No. 1501/Salai / 2021/ Dated. 18.02.2021

Sub: Highways Department - Creation of Centre Median in the State Highways of Vandalur - Kelambakkam main road - Reg.

Ref: 1. The Deputy Secretary to Government, Highways and Minor Ports (HW1) Department, Secretariat, Chennai -09. Lr. No.999/HW1/2020-1, Dated. 25.01.2021.

 The Dean, Tagore Medical College & Hospital, Rathinamangalam, Melakkottaiyur Post, Chennai – 600 127. Letter No. 212/DEAN/2020, Date: 23.12.2020.

A copy of the above Government letter along with its enclosure is sent herewith. The Superintending Engineer (H) C&M Chennai City Roads is requested to take necessary action on the above subject mentioned "Creation of Centre Median in the State Highways of Vandalur - Kelambakkam main road" and to send the action taken report to the petitioner under intimation to this office immediately, so as to send the same to Government.

Encl: As above

N.Shanthy Chief Engineer (H) Construction and Maintenance

perintendent 18/2/21

To

The Divisional Engineer (H) C&M Chennai City Roads

Copy to

The Superintending Engineer (H) C&M Chennai

Copy to

The Dean, Tagore Medical College & Hospital, Rathinamangalam, Melakkottaiyur Post, Chennai – 600 127.

//True copy/Forwarded/By order//

"HIGHWAYS DEPARTMENT"



Thiru. M. Suvichandran, B.E. Assistant Divisional Engineer (H), Construction & Maintenance, Chengalpattu To

The Chairperson, Tagore Medical College & Hospital, Melakottaiyur, Chennai

Lr.No.26/2021/JDO/dt. 08.02.2021

Sir.

Sub: Chengalpattu (H) C&M Sub Division - Construction of Flyover at the Junction of NH 45 at Km.32/4 and Vandalore - Mambakkam - Kelambakkam Road - Maintenance of Lighting arrangements and lawn - Handing over of Lighting Arrangements and lawn maintenance - Regarding.

I wish to state that the work of "Construction of Flyover at the Junction of NH45 at Km.32/4 and Vandalore - Mambakkam - Kelambakkam Road" has sanctioned vide reference 1st cited and the construction work has been completed and opened for traffic on 17.09.2020 by the Honourable Chief Minister, Government of Tamil Nadu. The lighting arrangements and lawn were done in the bridge work. The cost of the maintenance (Electricity bill) from portion AP1 to P4 requires Rs 40,000/ per month (approximately). I request to take care of the further maintenance to the Tagore Group of Institutions for the lighting arrangements and lawn of the "Construction of Flyover at the Junction of NH45 at Km.32/4 and Vandalore - Mambakkam - Kelambakkam Road" Vandalore. Further, you can also utilize the area for advertisement board as directed by the Engineer-in-charge & codes.

Assistant Divisional Engineer (H), Construction & Maintenance, Chengalpattu.

Copy to the Dean, Tagore Medical College & Hospital, Melakottaiyur for

Copy to the Divisional Engineer (H) C&M, Chengalpattu. Copy to the Assistant Engineer (H) C&M, Chengalpattu.

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TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POST, CHENNAI-600 127.

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எம்.வெங்கட்ராகவன், வட்டார வளர்ச்சி அலுவலர் (வ.ஊ), ஊராட்சிஒன்றியம், காட்டாங்கொளத்தூர்.

CHENNAL - 600 121 Suggisti

Tagore Engineering and Medical College. Rathinamangalam, Chengalpattu District.

ந. க. எண்.0843/2022 /அ2

நாள்.10.08.2022

guin,

பொருள் - பெருநிறுவனங்களின் சமுகபொறுப்பு (CSR) 2022-23ஆம் ஆண்டு -காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியம் - Tagore Engineering and Medical College, Rathinamangalam என்ற நிறுவனம் CSR திட்டத்தின் கீழ் வேங்கடமங்கலம் ஊராட்சி - இரத்தினமங்கலம் தாங்கல் ஏரியை தூர் வாருதல் - தொடர்பாக.

பார்வை

1.மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு மாவட்ட ஊரக வளர்ச்சி முகமை, செங்கல்பட்டு மாவட்டம் அவர்களின் நேரடி களஆய்வு நாள்.07.07.2022.

2.தொடர்புடைய ஆவணங்கள்.

செங்கல்பட்டு மாவட்டம், காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியத்தில், வடகிழக்கு பருவமழை முன்னெச்சரிக்கை நடவடிக்கை மேற்கொள்ளும் பொருட்டு, மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு அவர்களால் 07.07.2022 அன்று மேற்கொள்ளப்பட்ட களஆய்வில் வேங்கமங்கலம் ஊராட்சி, இரத்தினமங்கலம் கிராமம் சர்வே எண்.163/1A1A, 6, 7 மற்றும் 8 தாங்கல் ஏரியை தூர்வாரும் பணியினை பெரு நிறுவனங்களின் சமூக பொறுப்பு திட்டத்தின் கீழ் 100 சதவீதம் பங்களிப்புடன் மேற்கொள்ள அறிவுறுத்தியுள்ளார்.

எனவே, காட்டாங்கொளத்தூர் ஊராட்சி ஒன்றியத்தை சேர்ந்த வேங்கடமங்கலம் ஊராட்சி, இரத்தினமங்கலம் ஓட்டேரி தாங்கல் ஏரியை தூர்வாரும் பணியினை தங்களது நிறுவனத்தின் முலமாக பெரு நிறுவனங்களின் சமூக பொறுப்பு திட்டத்தின் கீழ் 100 சதவீதம் பங்களிப்புடன் மேற்கொண்டு நீர் நிலையினை பாதுகாத்து நிலத்தடி நீரினை பெருக்கிட உதவிட தங்களின் இசைவினை தெரிவிக்குமாறு கணிவுடன் கேட்டுக்கொள்கிறேன்.

வட்டார வளர்ச்சி அதுவரை (வ.ஊ), காட்டாங்கொளத்தூர்.

நகல்

மாவட்ட ஆட்சித்தலைவர் / பெருந்தலைவர், மாவட்ட ஊரக வளர்ச்சி முகமை, செங்கல்பட்டு அவர்களின் தகவலுக்காக பணிந்தனுப்பப்படுகிறது.

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DEAN
TAGORE MEDICAL COLLEGE & HOSPITAL
RATHINAMANGALAM, MELAKOTTAIYUR POST,
CHENNAI-600 127.



Government of Tamil Nadu

NAME OF WORK

Name of the work: Construction of Revetment, path way and Fencing at Rathinamangalam Eri (South side) in Vengadamangalam Panchayat @ Kattankolathur Panchayat Union.

Estimate Amount in Lakhs 48.53

SSS SCHEME 2020-21

Chengalpet District
Kattankolathur Block

Tume

Specification Report

| Name of Work | Construction of Revetment, path way and Fencing at Rathinamangalam Eri (South side) |
|-----------------------|--|
| Name of the Block | Kattan::olathur |
| Name of the Panchayat | Vengadamangalam |
| Estimate amount Rs. | 48.53 Lakhs |
| Name of the Scheme | SSS 2020 - 21 |

The following provision are made in the Estimate:

- 1. Earth work excavation in all classes of soil as per ss 20.b.
- 2. Filling with sand
- 3. CC 1:4:8 mix using 40mm ISS HBG metal
- 4. Supply and fabrication of steel for cc works
- 5. RCC 1:1.5:3 mix using 20mm ISS HBG metal
- 6. Supply and fixing of 60x60x2.60mm square hollow section
- 7. Supply and fixing of 60x60x2.60mm Rectangular hollow section
- 8. Centering with shuttering for all cc works
- 9. CC 1:3:6 mix using 40mm ISS HBG metal
- 10. CC 1:2:4 mix using 20mm ISS HBG metal
- 11. Gravel backing to revetment
- 12. Rough stone dry packing using rough stone
- 13. Pointing in cm 1:3 mix
- 14. Construction of granular sub base
- 15. Providing interlocking paver block of 60mm tl.ick
- 16. Provision for GST 12%
- 17. Provision for LWF 1%
- 18. Provision for photographic charges
- 19. Contingencies

The rates in this estimate are for the year of 2020 -21 rate. The work will be carried out as per standard specifications and other relevant circulars.

PANCHAYAT UNION
Kattankolathur

Tumme

Name of the work: Construction of Revetment, path way and Fencing at Rathinamangalam Eri (South side) in Vengadamangalam Panchayat @ Kattankolathur Panchayat Union.

Estimate Amount:

₹

4853000

DETAILED - cum - ABSTRACT ESTIMATE

| | Description of work | | No | | L | В | D | Qty | Amount |
|---|--|--|---|---|---|---|--|--|--------|
| | Earth work excavation and depositing on bank with in initial lead of 10 m and initial lift of 2m in hard stiff clay, stiff black cotton soil, hard red earth, earth mixed with small sized boulders and hard gravelly soil as per SS 20B | | | | | | | | |
| 1 | Pile For road both side | 2x 22/7 | × | 99 | | 0.45)/4 | 1.20 | 37.77 | |
| 1 | for Kulam | 22/7 | × | 166 | (0.45x | 0.45)/4 | 1.20 | 31.66 | |
| 1 | Grade beam | 2 | × | 1 | 296.00 | 0.50 | 0.15 | 44.40 | |
| - | D/f Pile For road both | 2 | × | 99 | 0.45 | 0.45 | 0.15 | -6.01 | |
| | side for Kulam | 2 | × | 1 | 498.00 | 0.50 | 0.15 | 74.70 | |
| | D/f Pile | 1 | × | 166 | 0.45 | 0.45 | 0.15 | -5.04 | |
| | Total | | | | | | | 177.47 | |
| | | | 177.47 | | Cum | 168.00 | /M3 | | 29816 |
| 2 | Cement concrete 1:4 of all materials to s complete for 10 cum | ite and | all labo | Jul Cha | iges io | mixing,lay | 0.10 | d curing etc | |
| 2 | of all materials to s | 2x 22/7 | X . | 99 | (0.45) | x0.45)/4 | 0.10 | | |
| 2 | of all materials to s complete for 10 cum | 2x 22/7 22/7 | x . | 99 | (0.45) | x0.45)/4 x0.45)/4 | | 3.15 | |
| 2 | of all materials to s complete for 10 cum Pile For road both side for Kulam Grade beam | 2x 22/7 22/7 2 | X . | 99 | (0.45) (0.45) 296.00 | x0.45)/4 x0.45)/4 0.50 | 0.10 0.10 0.15 | 3.15 2.64 44.40 | |
| 2 | of all materials to s complete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both | 2x 22/7 22/7 2 | x . | 99 | (0.45) (0.45) 296.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 | 0.10 0.10 0.15 0.15 | 3.15 2.64 44.40 -6.01 | |
| 2 | of all materials to s complete for 10 cum Pile For road both side for Kulam Grade beam | 2x 22/7 22/7 2 | x . x . x | 99 | (0.45) (0.45) 296.00 0.45 498.00 | x0.45)/4 x0.45)/4 0.50 0.45 | 0.10 0.10 0.15 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 | |
| 2 | of all materials to s complete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side | 2x 22/7 22/7 2 | x . x . x . x | 99 166 1 99 | (0.45) (0.45) 296.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 | 0.10 0.10 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 -5.04 | |
| 2 | of all materials to s complete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam | 2x 22/7 22/7 2 2 | x . x . x . x . x . x . x . x | 99 166 1 99 1 166 | (0.45) (0.45) 296.00 0.45 498.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 0.50 | 0.10 0.10 0.15 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 | |
| 2 | of all materials to scomplete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam D/f Pile Total | 2x 22/7 22/7 2 1 1 | x . x x x x x x x 76.48 | 99 166 1 99 1 166 | (0.45) (0.45) 296.00 0.45 498.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 0.50 0.45 | 0.10 0.10 0.15 0.15 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 -5.04 76.48 | 29634 |
| 2 | of all materials to scomplete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam D/f Pile Total | 2x 22/7 22/7 2 1 1 | x . x x x x x x x x 76.48 | 99 166 1 99 1 166 | (0.45) (0.45) 296.00 0.45 498.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 0.50 0.45 | 0.10 0.10 0.15 0.15 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 -5.04 76.48 | 29634 |
| | of all materials to scomplete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam D/f Pile Total Centering with shut other labour charge | 2x 22/7 22/7 2 1 1 1 ttering fs etc co | x . x x x x x x x x 76.48 | 99 166 1 99 1 166 | (0.45) (0.45) 296.00 0.45 498.00 0.45 | x0.45)/4 x0.45)/4 0.50 0.45 0.50 0.45 | 0.10 0.10 0.15 0.15 0.15 0.15 | 3.15 2.64 44.40 -6.01 37.35 -5.04 76.48 including all | 29634 |
| | of all materials to scomplete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam D/f Pile Total Centering with shut other labour charge Pile For road both side | 2x 22/7 22/7 2 1 1 1 | x . x x x x x x x x x x x x x x x x x x | 99 166 1 99 1 166 works | (0.45) (0.45) 296.00 0.45 498.00 0.45 Cum | x0.45)/4 x0.45)/4 0.50 0.45 0.50 0.45 | 0.10 0.10 0.15 0.15 0.15 0.15 /M3 /eyance | 3.15 2.64 44.40 -6.01 37.35 -5.04 76.48 including all 171.59 143.86 | 29634 |
| | of all materials to scomplete for 10 cum Pile For road both side for Kulam Grade beam D/f Pile For road both side for Kulam D/f Pile Total Centering with shut other labour charge | 2x 22/7 22/7 2 1 1 1 ttering fs etc co | x . x x x x x x x x x x x x x x x x x x | 99 166 1 99 1 166 works | (0.45) (0.45) 296.00 0.45 498.00 0.45 Cum with cos | x0.45)/4 x0.45)/4 0.50 0.45 0.50 0.45 3874.66 | 0.10 0.10 0.15 0.15 0.15 0.15 /M3 | 3.15 2.64 44.40 -6.01 37.35 -5.04 76.48 including all | 29634 |

- Herman

| otal | | | | | | - | 816.85 | | |
|--|--|--|--|--|--|------------------------------|--|--------|--|
| | | 816.85 | | Sqm | 253.33 | /M2 | 1 TO 1 A | 206933 | |
| upplying and fabrication of steel including cost and conveyance of bending to hape and tying in position and forming grills for all R.C.C works including cost and onveyance of all materials to site | | | | | | | | | |
| For pile in Road | | | | | | | | | |
| Vertical rod 12mm dia | 2x6 | × | 99 | 1.20 | × | 0.89 | 1268.78 | | |
| Stirups 8mm dia | 2x8 | х | 99 | 0.72 | × | 0.39 | 444.79 | | |
| For pile in Kulam | | | | | | | | | |
| Vertical rod 12mm dia | 1x6 | x | 166 | 1.20 | × | 0.89 | 1063.73 | | |
| Stirups 8mm dia | 1x8 | × | 166 | 0.72 | × | 0.39 | 372.90 | | |
| For Grade beam in Road | | - | | | 22.11 | | | | |
| 12mm dia | 2 | х | 5 | 296.00 | X | 0.89 | 2634.40 | | |
| Stirups 8mm dia | 2 | X | 1974 | 0.75 | × | 0.39 | 1154.79 | | |
| For pile in Kulam | | | | | | | 2246.40 | | |
| 10 11- | 1 | × | 5 | 498.00 | X | 0.89 | 2216.10 | | |
| 12mm dia | | | | 1 | | | | | |
| Stirups 8mm dia | 1 | × | 3320 | 0.75 | Х | 0.39 | 971.10 | | |
| | - | × | 3320 | 0.75 | | | 971.10 | 60775 | |
| Stirups 8mm dia Total | 1 | 10.13 | | MT | 68903.30 | /MT | 10126.59 | 697750 | |
| Stirups 8mm dia | 1 concrete naterials for 10 cr | 10.13 1:1.5:3 to site | | MT ng 20mm labour c | 68903.30 ISS met harges for | /MT | 10126.59 ding cost and g, laying, and | 697750 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all m | 1 concrete naterials for 10 cc | 10.13 1:1.5:3 to site | | MT ng 20mm labour c | 68903.30 n ISS met harges for (x0.23)/4 | /MT ral inclu r mixing | 10126.59 ding cost and g, laying, and | 697756 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moduring etc complete | 1 concrete naterials for 10 cr | 10.13 1:1.5:3 to site | mix usi | MT ng 20mm labour c | 68903.30 n ISS met harges for (x0.23)/4 (x0.23)/4 | 1.20 | 10126.59 ding cost and g, laying, and 9.87 8.27 | 697756 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moduring etc complete Pile For road both side | concrete naterials for 10 cu | 10.13 1:1.5:3 to site um. | mix usi and all | MT ng 20mm labour c | 68903.30 n ISS met harges for (x0.23)/4 | 1.20 1.20 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 | 697750 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moduring etc complete Pile For road both side for Kulam | concrete naterials for 10 cu | 10.13 1:1.5:3 to site um. × | mix usi and all | MT ng 20mm labour c | 68903.30 n ISS met harges for (x0.23)/4 (x0.23)/4 | 1.20 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 | 697750 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moduring etc complete Pile For road both side for Kulam Grade beam | 1 concrete naterials for 10 cu 2x 22/7 22/7 2 | 10.13 1:1.5:3 to site um. × | mix usi and all 99 166 | MT ng 20mm labour c (0.23 (0.23 296.00 | 68903.30 h ISS met harges for (x0.23)/4 (0.23) (0.23) | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 | 697756 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moderning etc complete Pile For road both side for Kulam Grade beam for Kulam Total | 1 concrete naterials for 10 cu 2x 22/7 22/7 2 | 10.13 1:1.5:3 to site um. x x x | mix usi and all 99 166 1 | (0.23 (0.23 296.00 498.00 | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 | 52999 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moderning etc complete Pile For road both side for Kulam Grade beam for Kulam | concrete naterials for 10 cure 2x 22/7 22/7 2 1 1 of 60x6 materials | 10.13 1:1.5:3 to site um. | mix usi and all 99 166 1 | (0.23 (0.23 296.00 498.00 | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 | 52999 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moderning etc complete Pile For road both side for Kulam Grade beam for Kulam Total Supply and fixing conveyance of all moderning etc. | concrete naterials for 10 cure 2x 22/7 22/7 2 1 1 of 60x6 materials | 10.13 1:1.5:3 to site um. | mix usi and all 99 166 1 1 0 mm sqaaand al | (0.23 (0.23 296.00 498.00 Cum | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 ding cost and ging cost and ging cost and ging and | 52999 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moduring etc complete Pile For road both side for Kulam Grade beam for Kulam Total Supply and fixing conveyance of all conveyance of all couring etc complete | 1 concrete naterials for 10 cure 2x 22/7 22/7 2 1 of 60x6 materials 2 | 10.13 1:1.5:3 to site um. × × 75.80 50x2.60 s to site | mix usi and all 99 166 1 1 mm sqa and all | (0.23 (0.23 296.00 498.00 Cum | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 ding cost and ing fixing and 386.10 | 52999 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moderning etc complete Pile For road both side for Kulam Grade beam for Kulam Total Supply and fixing conveyance of all rouring etc complete Vetical Support | oncrete naterials for 10 cure 2x 22/7 22/7 2 1 1 of 60x6 materials 2 2 2 | 10.13 1:1.5:3 to site um. | mix usi and all 99 166 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | (0.23 (0.23 296.00 498.00 Cum ture holle 1 labour | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 ding cost and ng fixing and 386.10 59.40 | 52999 | |
| Stirups 8mm dia Total Reinforced cement of conveyance of all moderning etc complete Pile For road both side for Kulam Grade beam for Kulam Total Supply and fixing conveyance of all couring etc complete Vetical Support For Road | 1 concrete naterials for 10 concrete nateria | 10.13 1:1.5:3 to site um. x x 75.80 50x2.60 s to site | mix usi and all 99 166 1 1 1 0 0 mm sqa and al 99 99 166 | (0.23 (0.23 (0.23 296.00 498.00 Cum ture holld I labour | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 ding cost and ing fixing and 386.10 | 52999 | |
| Reinforced cement of conveyance of all moduling etc complete. Pile For road both side for Kulam. Grade beam. for Kulam. Total. Supply and fixing conveyance of all conveyance of all conveyance. Vetical Support. For Road. For hold host. | oncrete naterials for 10 cure 2x 22/7 22/7 2 1 1 of 60x6 materials 2 2 2 | 10.13 1:1.5:3 to site um. | mix usi and all 99 166 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | (0.23 (0.23 (0.23 296.00 498.00 Cum ture holld I labour | 68903.30 harges for (x0.23)/4 (0.23) (0.23) (6991.97 | 1.20 1.20 0.23 0.23 | 10126.59 ding cost and g, laying, and 9.87 8.27 31.32 26.34 75.80 ding cost and girling cost and girling and girling and 386.10 59.40 323.70 | 52999 | |

Jumes 2

| H | lorizontal Support | | | | | | | | | |
|-----|---|-----------------------|---------|-------|-----------|------------|---------|--------------|---------------|--|
| F | or Road | 2 | × | 3 | 296.00 | | | 1776.00 | | |
| f | or Kulam | 1 | × | 3 | 498.00 | | | 1494.00 | | |
| 1 | Total | | | | | | | 3270.00 | 18 | |
| 1 | 3.03 Kg / Rm | | 9908.10 | | Kg | 97.52 | /Kg | | 966238 | |
| + | For Road | 1 | × | 1 | 296.00 | | 1.80 | 532.80 | | |
| | Supply and fixing of all sizes) including charges for welding | a cost an | d conve | vance | of all ma | tellais to | site ar | d all labour | | |
| - | for Kulam | . 1 | × | 1 | 498.00 | | 1.80 | 896.40 | | |
| 1 | Total | | | 1 | | | | 1429.20 | | |
| 1 | Total | - | 1429.20 | 0 | Sqm | 259.40 | /M2 | | 37073 | |
| | Construction of Revetment and Path way Sub Estimate | | | | | | | | | |
| 9 | Value of work | | | | | | | | 428970 | |
| 3 | Value of Work | Provision for GST 12% | | | | | | | | |
| | | 12% | | | | | | | | |
| 10 | Provision for GST | | | | | | | | 42897 | |
| 10 | Provision for GST Provision for LWF | 1% | | | | | | | 42897 4500 | |
| 10 | Provision for GST | 1% | narges | | | | | | 4500 | |
| 110 | Provision for GST Provision for LWF | 1% e board cl | | | | | | | | |

Assistant Engineer (RU
PANCHAYAT UNION
Kattankolathur



ூற்றாடு तमिलनाडु TAMILNADU

O Z JAN ZUZ3

REDSEA ECO SONTIONS &.

L.NO 184/B7/97 4/434, MUGAPPAIR WE CHENNAI - 600 037.

AGREEMENT

This AGREEMENT made at Chennai on this day the 02nd Jan 2023

BETWEEN

M/S- Tagore medical College & Hospital and Institution
Rathinamangalam, Vandalur-Kelambakkam road, Chennai - 600127 on ONE PART

AND

M/s- Red Sea Eco Solutions & Instruments Private limited having its registered office at "B1",west Mogappair Industrial estate, 5th street, Reddypalayam Road, Mogappair west, Chennai – 600 037. Hereinafter referred to as "contractor" on the OTHER PART

WHEREAS The M/S- Tagore medical College & Hospital and Institution is desirous of giving a Annual Maintenance contract situated Rathinamangalam, Vandalur – Kelambakkam road, Chennai - 600127 and whereas the Contractor has offered to provide Man power services as per the terms and conditions hereinafter

AND WHEREAS contractor has represented that he is registered and has further represented that he is eligible
ADTICLES AND ON THE REPORT OF THESE ARTICLES AND ON THE PREMISES mention of the parties of the parties as follows: ARTICLES AND ON THE PREMISES mentioned above, it is hereby agreed between parties as follows:

PART-A

CONTRACTOR'S OBLIGATIONS:

That the contractor shall provide the following services:

To Operate and maintain the existing ETP & STP plants for a period of 12 Months (15.11.2022 to

- Service Timing (Monday to Sunday) Medical College STP I Civil: 1 Shift/Day (12 Hours)
 Service Timing (Monday to Sunday) Medical College STP I Civil: 1 Shift/Day (12 Hours)
- Service Timing (Monday to Sunday) Medical College STP I Civil: 1 Sminus, Service Timing (Monday to Sunday) Medical College STP I MS: 2 Shifts/Day (12 Hours)
- Service Timing (Monday to Sunday) Medical College STP I MS. 2

 The plant will be operated:

 The plant will be operated:

 The plant will be operated: The plant will be operated in three shifts in a day (Monday to Sunday) for the Operation & Maintenance of STP. The Weekly off will be a shifts in a day (Monday to Sunday) for the Operation & Maintenance
- of STP. The Weekly off will be managed with this available shift operators. The STP plant of Medical and Engineering coolege would be controlled by the 4 operators and 1 Supervisor. The Total man could be 5 Persons. Supervisor. The Total man power deployed for the operation & Maintenance would be 5 Persons.(
 Operators - Taggre Medical Co. Operators - Tagore Medical College - 3 No's and One Operator - Tagore Engineering College - 1 No and One Common Supervisor and One Common Supervisor cum Operator - 1 No.).
- Red Sea Eco Solutions has to maintain proper log book for STP for daily monitoring of the plant running as per the Tagore requirements.
- Red Sea Eco Solutions has to maintain proper uniform, Shoes and ID for the operators to meet the statutory Tagore norms.
- Red Sea Eco Solutions has to perform all major and minor maintenance service of the STP plant. And all the defects and rectification need to be updated to the knowledge of Tagore maintenance team. The Material cost will be client scope and the same shall be reimbursed post service by raising a bill along
- Red Sea Eco Solutions is only responsible to comply with any legal requirements related to its employees as per labor or any other applicable legal provisions. There is no MASTER-SERVANT relationship between Tagore Medical College & Hospital and Red Sea Eco Solutions or between Tagore Medical College & Hospital and employees of Red Sea Eco Solutions.
- Red Sea Eco Solutions has to ensure that periodic inspection and service quality are carried out and relevant reports (STP) are generated on bi-monthly basis.
- Red Sea Eco Solutions has to ensure the area has to be clean & properly (5S) arranged in the operating areas of STP. Additional support is required from client for clearing Gardening works around the operating areas.
- Red Sea Eco Solutions has to provide the pen type pH, and TDS testing equipments. The Service of TDS & PH meter will be client scope.
- All Mechanical component like pumps, motors etc, general checks will be carried. Any abnormal issues will be updated to the client scope.
- Red Sea Eco Solutions persons should coordinate with TNPCB officials related to ETP & STP plant operations.
- The Mechanical components like Pumps, Motors, Blower etc, services and Maintenance Consumables will be in Client Scope.
- II. That the contractor shall ensure employee deputed by him are punctual and remain Alert and Vigilant in performance of their duty.
- III. That for purpose of proper identification of these employees of the contractor deployed shall issue photo identity cards/identification document of the personnel etc., and they shall be duty bound to display the identity card at the time of duty
- IV. That the M/s-Tagore Medical College & Hospital and Institution, shall be at liberty to carry out surprise check on persons so deployed by the contractor in order to ensure that they are doing their duties.
- V. That on taking over the responsibility of providing Annual Maintenance, the Contractor shall formulate the w. That on taking over the losponser of personnel in consultation with the Tagore team. Subsequently the contractor shail review the process from time to time.

VI. All safety equipment such as Safety shoes, goggles, gloves etc to meet the statutory norms shall be provided by the Contractor.

PART-B

- I. That it is expressly understood and agreed between the parties to this agreement that the persons deployed by the contractor for the deployed by the contractor for the work as per Part A - clause 1 above shall be the employees of the contractor for all intents and propose his as per Part A - clause 1 above shall have no right to claim contractor for all intents and propose. It is expressively stated that the employees will have no right to claim as a Tagore Employee and they shall -as a Tagore Employee and they shall remain the employee of the contractor.
- II. That the persons so deployed shall remain under the control and supervision of the contractor and the contractor shall be liable for payment. contractor shall be liable for payment of their wages etc., and all other dues with the contractor is liable to pay under various Labor Regulations and other statutory provisions.
- III. That the contractor shall ensure that all the employees get minimum wages and other benefits as are admissible under various labor laws.
- IV. That the contractor shall be responsible for fulfilling all his obligations towards the persons deployed under law namely. Under Namely and a samplicable and under law namely. Under Minimum Wages Act, P.P. Act, Shops & Establishment Act etc., as applicable and amended for time to time.
- V. That the contractor shall conform to the provisions of Central /State Act's or the Regulation on the Subjects as well as terms and Conditions of the Agreement.
- VI. The Contractor shall take all reasonable precautions to any unlawful riots of disorderly conduct or acts of his employees so deployed and for the preservations of peace and protection of Persons and property of the Tagore Medical College & Hospital and Institution.
- VII. That in case any persons so deployed by the contractor does not come up to the mark or performs his duties properly or indulges in any unlawful riots or disorderly conduct, the contractor shall take suitable action against such employee on the report of Tagore Medical College & Hospital and Institution.
- VIII. The Contractor shall immediately replace the particular person so deployed on the demand of the Tagore Medical College & Hospital and Institution, in case of any of the aforesaid act on part of person so deployed or otherwise.
- IX. That the Contractor shall deploy his persons in such a way that the persons get weekly rest, the working hours / leave for which work is taken from them under relevant provision of Shop & Establishment Act. The Contractor shall in all his dealings with the persons in his employment have due regard to all recognized festivals, days of rests and religious or other customs.
- X. In case any employee of the contractor so deployed enters in dispute of any nature what so ever it will be the prior responsibility of the contractor to contest the same.

COST OF SERVICE & PAYMENT

1. That is consideration of the service rendered by the contractor as stated above, he shall be paid Rs.1,15,000 (In words One Lakh Fifteen Thousand Only) per Month plus GST 18% such payment shall be made on the basis raised by the contractor and duly certified by the officer designated by the Tagore Medical College & Hospital and Institution, and shall be paid as per the Tagore norms mentioned in the Purchase order. The tax whatever it is applicable will be deducted at source.

> DEAN -TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POS

Chennai-600 127.

That the aforesaid sum amount has been agreed to be paid by, M/s- Tagore Medical College & Hospital and institution to the contractor by local cheque Months and page on any ground what the page of the paid by, M/s- Tagore Medical College & Hospital and institution to the contractor by local cheque /demand draft/RTGS. The contractor shall not increase the service charges on any ground whatsoever during the and institution to the decided of the analyge of the control of the agreement.

COMMENCEMENT AND TERMINATION:

that this agreement will be in force with effect from 15.11.2022 and shall remain in force for a period of 12 months (14.11.2023).

II. That this agreement may be terminated on any of the following contingency.

on the expiry of the contract period as stated above.

b) By giving one month's notice by the Tagore Medical College & Hospital and Institution.

Constructor being declared insolvent c) On contractor being declared insolvent by competent Court of Law. During the notice period for termination of the contract, the contractor about the cont termination of the contract, the contractor shall keep on discharging his duties as before till the expiry of

d) It shall be duty of contractor to remove all the persons deployed by him on termination of the contract on any ground whatsoever and ensure that any ground whatsoever and ensure that no person creates any disruption /hindrance /problem of any nature to the Tagore Medical College & Hospital and Institution

DISPUTE RESOLUTION:

in the event of any dispute/difference arising under this agreement or in connection herewith the same shall be referred to Arbitration. The Arbitrator shall be appointed on mutual agreement and the cost be shared equally by both the parties.

It The venue of Arbitration shall be in Chennai, Tamil Nadu, India.

IN WITNESS WHERE OF the parties hereto have signed their presence on the date, month, and year first above written

FOR AND ON BEHALF OF

DEAN THE ALDIGAL COLLEGE & HOSPITAL THE THE THE POST, CHENNAI-600 127.

Tagore Medical College & Hospital and Institution, Chennai

PINCIPAL THE ENGINEERING COLLEGE HENNIAI - 660 127.

FOR AND ON BEHALF OF

& Instruments Private Limited. Chennai.

.1.

TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POST,

Chennai-600 127.

Red Sea Eco Solutions & Instruments (P) Ltd.

Plot No. B1. Mogappair Industrial Estate, 5th street, Reddypalayam road,

Mogappair West, Chennai – 600 037.

Phone: 044-48538330, E-mail – redseaesi@gmail.com

Monthly report for STP plant [Civil &MS plant condition]

TO,

M/S – Tagore Medical College & Hospital Rathinamangalam, Melakottaiyur, Chennai, Tamil Nadu 600127

SUB: STP/ETP Monthly Report for the Month of June 2023 - Reg

Dear Sir,

Please find our below report for the month of June 2023 for your reference.

- The Treated quantity for the month of June 2023 in MS STP Plant 4853.7 KLD & Civil STP Plant -2054.4 KLD. (Annexure Attached for daily Treated quantity.)
- All the Existing Collection sumps need to be cleaned and maintained for the smooth and Efficient Operation.
- · MS Plant -
- The Sludge recirculation pump has problem, need to be serviced.
- o The Inlet flow meter value mismatch, need to be calibrated and service.
- The Backwash motor has problem, need to be serviced.
- MS plant bottom leakage problem

DEAN

TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POST.

Chennai-600 127



Plot No. B1. Mogappair Industrial Estate, 5th street, Reddypalayam road, Mogappair West, Chennai – 600 037. Phone: 044-48538330, E-mail – redseaesi@gmail.com

- Civil Plant
 - The Filter feed pump leakage observed, need to be replaced the fittings with new one.
 - The Outlet flow meter value mismatch, need to be calibrated and service.
- · Pipeline separation problem
 - Girl's hostel sewage pipeline is mixed with canteen and kitchen waste water sump collection
 - o Canteen waste water pipeline separated for pre-Treatment plant in Civil STP plant
- The Ultra filtration unit has not operated due to Treated tank damage and there is no separate plumbing line for the Toilet Flushing.
- It has observed that there is no sufficient area for the disposal of treated sewage in the premises; It
 has disposed to the nearby land in MS STP plant. As per TNPCB the treated sewage disposal need to
 be utilized within the premises only or will lead to the legal compliance



Plot No. B1. Mogappair Industrial Estate, 5th street, Reddypalayam road, Mogappair West, Chennai – 600 037. Phone: 044-48538330, E-mail – redseaesi@gmail.com

MONTHLY REPORT FOR STP PLANT FLOW METER [INLET AND OUTLET] FOR MS PLANT

| Date | Electromagnetic flow | Electromagnetic flow | Total treated |
|------------|----------------------|----------------------|---------------|
| | meter [opening] | meter [closing] | capacity |
| 01-06-2023 | 69632.5 | 69799.6 | 167.5 |
| 02-06-2023 | 69799.6 | 69947.1 | 147.5 |
| 03-06-2023 | 69947.1 | 70105.5 | 158.4 |
| 04-06-2023 | 70105.5 | 70242.1 | 136.6 |
| 05-06-2023 | 70242.1 | 70318.9 | 76.8 |
| 06-06-2023 | 70318.9 | 70429.4 | 110.5 |
| 07-06-2023 | 70429.4 | 70606.5 | 177.1 |
| 08-06-2023 | 70606.5 | 70822 | 215.5 |
| 09-06-2023 | 70822 | 71012.4 | 190.4 |
| 10-06-2023 | 71012.4 | 71185.7 | 173.3 |
| 11-06-2023 | 71185.7 | 71368 | 182.3 |
| 12-06-2023 | 71368 | 71522.3 | 154.3 |
| 13-06-2023 | 71522.3 | 71685.5 | 163.2 |
| 14-06-2023 | 71685.5 | 71863.9 | 178.4 |
| 15-0-2023 | 71863.9 | 72065.2 | 201.3 |
| 16-06-2023 | 72065.2 | 72264.6 | 199.4 |
| 17-06-2023 | 72264.6 | 72447.1 | 182.5 |
| 18-06-2023 | 72447.1 | 72589.3 | 142.2 |
| 19-06-2023 | 72589.3 | 72734.4 | 145.1 |
| 20-06-2023 | 72734.4 | 72898.5 | 164.1 |
| 21-06-2023 | 72898.5 | 73073.3 | 174.8 |
| 22-06-2023 | 73073.3 | 73243.1 | 169.8 |
| 23-06-2023 | 73243.1 | 73414.4 | 171.3 |
| 24-06-2023 | 73414.4 | 73582.9 | 168.5 |
| 25-06-2023 | 73582.9 | 73751.4 | 168.5 |
| 26-06-2023 | 73751.4 | 73907.2 | 155.8 |
| 27-06-2023 | 73907.2 | 74066.9 | 159.7 |
| 28-06-2023 | 74066.9 | 74204.4 | 137.5 |
| 29-06-2023 | 74204.4 | 74341.9 | 137.5 |
| 30-06-2023 | 74341.9 | 74485.8 | 143.9 |
| TOTAL | | | 4853.7 |

DEAN

TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POS-Chennai-600 127.

MONTHLY REPORT FOR STP PLANT FLOWMETER [INLET AND OUTLET] FOR CIVIL PLANT

| Date | Electromagnetic flow | Electromagnetic flow | Total treated |
|------------|----------------------|----------------------|---------------|
| | meter [opening] | meter [closing] | capacity |
| 01-06-2023 | 29015.9 | 29101.1 | 85.2 |
| 02-06-2023 | 29101.1 | 29140.3 | 39.2 |
| 03-06-2023 | 29140.3 | 29172.6 | 32.3 |
| 04-06-2023 | 29172.6 | 29214.9 | 42.3 |
| 05-06-2023 | 29214.9 | 29245.6 | 30.7 |
| 06-06-2023 | 29245.6 | 29272.9 | 27.3 |
| 07-06-2023 | 29272.9 | 29300.7 | 27.8 |
| 08-06-2023 | 29300.7 | 29331.3 | 30.6 |
| 09-06-2023 | 29331.3 | 29382.9 | 51.6 |
| 10-06-2023 | 29382.9 | 29438.7 | 55.8 |
| 11-06-2023 | 29438.7 | 29500.5 | 61.8 |
| 12-06-2023 | 29500.5 | 29580.7 | 80.2 |
| 13-06-2023 | 29580.7 | 29662.1 | 81.4 |
| 14-06-2023 | 29662.1 | 29725.5 | 63.4 |
| 15-06-2023 | 29725.5 | 29837 | 111.5 |
| 16-06-2023 | 29837 | 29888.3 | 51.3 |
| 17-06-2023 | 29888.3 | 29943.2 | 54.9 |
| 18-06-2023 | 29943.2 | 29965.7 | 22.5 |
| 19-06-2023 | 29965.7 | 29987 | 21.3 |
| 20-06-2023 | 29987 | 30084.6 | 97.6 |
| 21-06-2023 | 30084.6 | 30196.8 | 112.2 |
| 22-06-2023 | 30196.8 | 30259.2 | 62.4 |
| 23-06-2023 | 30259.2 | 30340.9 | 81.7 |
| 24-06-2023 | 30340.9 | 30440.2 | 99.3 |
| 25-06-2023 | 30440.2 | 30569.5 | 129.3 |
| 26-06-2023 | 30569.5 | 30679.6 | 110.1 |
| 27-06-2023 | 30679.6 | 30795.2 | 115.6 |
| 28-06-2023 | 30795.2 | 30902.8 | 107.6 |
| 29-06-2023 | 30902.8 | 31012.1 | 109.3 |
| 30-06-2023 | 31012.1 | 31070.3 | 58.2 |
| TOTAL | | | 2054.4 |

TAGORE MEDICAL COLLEGE & HOSPITAL RATHINAMANGALAM, MELAKOTTAIYUR POST, Chennai-600 127.