

കേരളം കേരल KERALA

B 977660

AGREEMENT NO...301...../KIIDC/2021-22 DATED...05.01.2022

CONTRACT AGREEMENT entered into on this ..... day of ..... Two Thousand Twenty Two between **M/s. Paulose George Construction Company Pvt. Ltd., Aiswarya Towers, Puthencruz Road, Karimugal P.O., Kochi – 682 303** (hereinafter called the Contractor) on the one part and the Chief Engineer, **M/s Kerala Irrigation Infrastructure Development Corporation Ltd., PARVATHY, TC 36/1, NH66 Service Road, Enjakkal Jn., Chakai P.O., Thiruvananthapuram – 695 024.** for and on behalf of the Company (hereinafter called the Company) on the other part for the work “**KIIFB Project Construction of Kanathodu Regulator cum Bridge across Kurumali Puzha at Kundukadavu in Pudukkad Panchayath, Thrissur District**” by the former as per accompanying agreement, accepted tender with conditions of contract, plans, accepted schedule with specifications approved by Chief Engineer, **M/s Kerala Irrigation Infrastructure Development Corporation Ltd., PARVATHY, T.C. 84/3 (Old 36/1), NH66 Service Road, Enjakkal Jn., Chakai P.O., Thiruvananthapuram – 695 024.,** which form part of this agreement.

For Paulose George Cons. Co. Pvt. Ltd.

Managing Director.

Chief Engineer  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024

No 46927

Date

30/12/21

VALUE Rs 25000 SOLID

T R VENDOR





കേരളം കേരल KERALA

B 977661

Signed and delivered by the above mentioned M/s. Paulose George Construction Company Pvt. Ltd., Aiswarya Towers, Puthencruz Road, Karimugal P.O., Kochi - 682 303.

For Paulose George Cons. Co. Pvt. Ltd.

  
Managing Director.

Contractor

~~Accepted:~~

Chief Engineer  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Puthencruz - 685024

In the presence of:

1. K. A. Ravindran  
Pratheeksha  
Jawahar Road  
Poonthura. 682038

VIMAL MENON M  
Changanath Moharam  
Sudhanagar, Tripunithura  
682309



No 45928

Date 30/12/21

VALUE Rs 25000

SOLD Rs

T.R.O. VENDOR



भारतीय गैर न्यायिक INDIA NON JUDICIAL

रु. 25000 पच्चीस हजार रुपये



Rs. 25000 TWENTY FIVE THOUSAND RUPEES

കേരളം KERALA

B 977662

Signed and delivered by Chief Engineer, Kerala Irrigation Infrastructure Development Corporation Limited, PARVATHY, T.C. 84/3 (Old 36/1), NH66 Service Road, Enjakkal Jn., Chakai P O, Thiruvananthapuram – 695024, for and on behalf of the Company.

For Paulose George Cons. Co. Pvt. Ltd.

*Paulose George*  
Managing Director.

*Seelaneetha*  
Chief Engineer,  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024  
Chief Engineer,  
Kerala Irrigation Infrastructure  
Development Corporation Limited  
(for and on behalf of the Company)

In the presence of:-

1.

No 46929 Date 30/12/21  
VALUE Rs 25000 SOLD TO:



भारतीय गैरन्यायिक INDIA NON JUDICIAL

रु. 25000

पच्चीस हजार रुपये



Rs. 25000

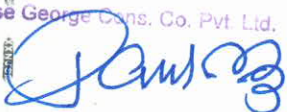
TWENTY FIVE THOUSAND RUPEES

കേരളം കേരल KERALA

B 977663

**MEMORANDUM OF WORK TENDERED**

Name of work	"KIIFB Project Construction of Kanathodu Regulator cum Bridge across Kurumali Puzha at Kundukadavu in Pudukkad Panchayath, Thrissur District "
Estimate P.A.C	Rs. 23,85,73,248/-
Contract P.A.C	Rs. 26,23,83,481.27/-
Date of starting	The work should be started within 10 days after executing agreement
Date of completion	18 months from the date of handing over the site
Performance Guarantee	Treasury FD for an amount of Rs. 39,35,800/- JL 1341134 dated 31.12.2021 for 7 years Bank Guarantee No. 0506622BG0000001 for an amount of Rs.39,35,800/- with the State Bank of India dated from 01.01.2022 to 30.06.2028.

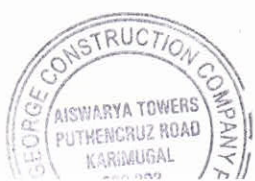
Contractor  
For Paulose George Cons. Co. Pvt Ltd.  
  
Managing Director.

  
Chief Engineer

Chief Engineer  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024

No 46930 Date 30/12/21  
VALUE Rs 26,23,83,481.27

T. P. VENDOR





KERALA IRRIGATION INFRASTRUCTURE  
DEVELOPMENT CORPORATION LIMITED  
(A Government of Kerala Undertaking)  
T.C. 84/3 (Old 36/1),  
NH66 Bypass Service Road,  
Near Eanchakkal Jn., Chackal P.O.,  
Thiruvananthapuram 695024  
CIN : U45203KL2000SGC014127  
Mob:9495000870, 0471-2506815  
E:iidctvm@gmail.com, kiidc.wrd@kerala.gov.in  
Web : www.kiidc.kerala.gov.in

KIIDC/134/2021-PE15

Date:08.12.2021

From

The Managing Director

To

Paulose George Construction Company Pvt.Ltd

Aiswarya Towers, Puthencruz Road

Karimugal P.O.Kochi-682303

Email:pgc@pgandco.co.in

Sir,

Sub:- KIIFB Project Construction of Kanathodu Regulator cum Bridge across  
Kurumali Puzha at Kundukadavu in Pudukkad Panchayath,Thrissur District-Issue of  
Selection Notice-Reg.

Ref:-

1. G.O(RT)No.669/2020/WRD dated-27.10.2020
2. ORDER NO : WRD022-23/APR-6/2021/KIIFB dated 01.03.2021
3. Order No-KIIDC/134/RCB-Kanathode-Pudukkad,thrissur/2021  
Dt.23.02.2021
4. Tender reference No:- KIIDC/Retender/392-1/2021-22
5. Tender ID:- 2021\_KIIDC\_427959\_1

With reference to the above, you are here by informed that your tender for the above work is  
accepted at your quoted amount i.e., - **Rs. 26,23,83,481.27/-**. (Rupees Twenty Six Crore  
Twenty Three Lakh Eighty Three Thousand Four Hundred Eighty One and Twenty Seven  
Paise Only).

You are directed to produce 3% of the contract value as Performance Guarantee i.e.,  
**Rs.78,71,504.44/-** (Rupees Seventy Eight Lakh Seventy One Thousand Five Hundred and  
Four and Forty Four Only) of which atleast Fifty percentage of this amount shall be in the form  
of Treasury Fixed deposit in the name of Agreement Authority (Managing Director ,KIIDC)  
for a period of **78 months and 28days** (18 months TOC+60 months Defect Liability Period+28  
days)and the remaining fifty percentage in the form of bank guarantee for a period of **78months  
and 28 days**(18 months TOC+60 months Defect Liability Period+28 days). in approved  
format.



*Paulose*  
Chief Engineer  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024

- 1) You are requested to attend this office with Government of Kerala Stamp Paper worth **Rs. 1,00,000/-** and the above deposit receipt and execute agreement for the contract.
- 2) The time allowed for executing agreement without fine is 28 days from the date of registration of Selection Notice in the post office and further time of 10 days shall be allowed to execute agreement by retaining a fine of Rs. 25,000/-. Tender will be rejected if agreement is not executed within 38 days and the work will be awarded to the new lowest tenderer as stipulated in the PWD code.
- 3) The work should be started within 10 days after executing agreement and after getting necessary instructions from the Managing Director, KIIDC.
- 4) It must be understood that rates once fixed will not be increased on any account.
- 5) Any failure in complying with the above directions will be liable to forfeiture of your special and permanent security deposit and the work will be rearranged at your risk and cost as contemplated in the notice inviting tenders.
- 6) You are requested to furnish an undertaking in stamp paper (Rs 200/-) to execute all low quoted items in full as per contract terms.
- 7) The work should be completed in all respect within **18 months** from the date of handing over the site, failing which arrangements will be made to complete the work at your risk and cost.
- 8) GST will be reimbursed to the contractor on production of GST receipts subject to a maximum of 12%.
- 9) All other terms and conditions of the notice inviting tenders and tender shall be binding on the contractor.
- 10) You are also request to submit the programme schedule, work break down structure (WBS) with payment mile stones.

Thanking you.

Yours faithfully

Managing Director



Alleeaneed

**Chief Engineer**  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

Work Name : Construction of Kanathodu Regulator cum Bridge across Kurumali Puzha at Kundukadavu in Pudukkad Panchayath , Thrissur District

Contract No: KIIDC/Retender/392-1/2021-22

Bidder Name : PAULOSE GEORGE CONSTRUCTION COMPANY PVT LTD

PRICE SCHEDULE

(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 #	NUMBER #	TEXT #	NUMBER	NUMBER #	BASIC RATE In Figures To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT Without Taxes	NUMBER #	TOTAL AMOUNT In Words	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate							
1	2	4	5	6	13		53				
1.01	1 Appendix A-Providing Ring Bund & Dewatering 2.31 : Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared	2400.0000	sqm			15.0000		36000.00		INR Thirty Six Thousand	Only
1.02	2.33.1 : Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.Beyond 30 cm girth up to and including 60 cm girth	15.0000	each			708.0000		10620.00		INR Ten Thousand Six Hundred & Twenty	Only
1.03	2.33.2 : Felling trees of the girth (measured at a height of 1 m above ground level) including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.Beyond 60 cm girth up to and including 120 cm girth	6.0000	each			1500.0000		9000.00		INR Nine Thousand	Only



*Signature*  
Kerala Irrigation Infrastructure Development Corporation Ltd.

Thiruvananthapuram - 695024

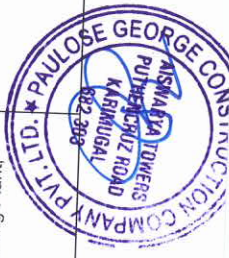
1.04	60.1.1 : RING BUND Type-I-Putting up ring bund as per approved shape 2.5m bottom width, 1m top width using empty gunny/polythene bags filled with earth placed in 2 rows at 0.6m apart and filled in between with puddle clay to form bund for an average height 2.00m including labour dismantling the bund after completion of the work etc.	824.0000	metre	5100.0000	4202400.00	INR Forty Two Lakh Two Thousand Four Hundred Only
1.05	60.2.3 : Bailing out water using pump above 5 HP and Up to 10 HP-Bailing out water with engine and pump set above 5HP and up to 10HP, including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete	160.0000	hour	690.0000	110400.00	INR One Lakh Ten Thousand Four Hundred Only
1.06	60.2.5 : BAILING OUT WATER USING PUMP ABOVE 20HP AND UP TO 30HP -Bailing out water with engine and pump set above 25HP and up to 30HP, including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete	800.0000	hour	1500.0000	1200000.00	INR Twelve Lakh Only
1.07	60.65 : Providing Z steel sheet pile of size 400x185x7.5/8.5 driving down vertically in lines and levels interlocking with adjacent piles with suitable pile driving unit and all accessories including all labour hire charges etc. complete and as per the directions of departmental officers at site.	304.0000	sqm	21366.0000	6495264.00	INR Sixty Four Lakh Ninety Five Thousand Two Hundred & Sixty Four Only
2	<b>2 Appendix B-Construction of Regulator cum Bridge</b>					
2.01	2.4.2.A : Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres Cement Concrete Grade M-15 & M-20 - By Mechanical Means	30.5000	cum	3300.0000	100650.00	INR One Lakh Six Hundred & Fifty Only
2.02	od256478/2020_2021 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed and as directed by Engineer in charge-All kinds of soil	6734.7940	cum	204.0000	1373897.98	INR Thirteen Lakh Seventy Three Thousand Eight Hundred & Ninety Seven and Paise Ninety Eight Only



*Paulose George*  
Chief Engineer



2.03	12.25.6 : Bored cast-in-situ M35 grade R.C.C. Pile Using Concrete Mixer excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m. Pile diameter-1200 mm	869.2000	metre	20400.0000	17731680.00	INR One Crore Seventy Seven Lakh Thirty One Thousand Six Hundred & Eighty Only
2.04	12.39 : Providing and laying of PCC M15 leveling course 100 mm thick below the pile cap	30.5450	cum	7800.0000	238251.00	INR Two Lakh Thirty Eight Thousand Two Hundred & Fifty One Only
2.05	12.38.C.2 : Cement Concrete for Reinforced Concrete in Pile Cap complete as per Drawing and Technical Specification R C C Grade M-30- Using Batching Plant, Transit Mixer and Concrete Pump	309.4280	cum	8700.0000	2692023.60	INR Twenty Six Lakh Ninety Two Thousand & Twenty Three and Paise Sixty Only
2.06	12.8.D.2.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. PCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump	3038.9210	cum	8430.0000	25618104.03	INR Two Crore Fifty Six Lakh Eighteen Thousand One Hundred & Four and Paise Three Only
2.07	12.8.E.2 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - (Without formwork)	278.7850	cum	7800.0000	2174523.00	INR Twenty One Lakh Seventy Four Thousand Five Hundred & Twenty Three Only
2.08	15.5 : Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification	446.4000	cum	3120.0000	1392768.00	INR Thirteen Lakh Ninety Two Thousand Seven Hundred & Sixty Eight Only
2.09	12.8.B.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications PCC Grade M20	615.6000	cum	8520.0000	5244912.00	INR Fifty Two Lakh Forty Four Thousand Nine Hundred & Twelve Only
2.1	15.10.B : Curtain wall complete as per drawing and Technical Specification :- Cement concrete Grade M15	107.8000	cum	7800.0000	840840.00	INR Eight Lakh Forty Thousand Eight Hundred & Forty Only
2.11	15.1.A : Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and Technical specification. Boulder Laid Dry Without Wire Crates.	912.0000	cum	2580.0000	2352960.00	INR Twenty Three Lakh Fifty Two Thousand Nine Hundred & Sixty Only
2.12	13.5.C.p.2 : Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications PCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump	63.5000	cum	8700.0000	552450.00	INR Five Lakh Fifty Two Thousand Four Hundred & Fifty Only



*Paulose George*  
Engineer

2.13	13.5.F.P.2 : Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - Height upto 5m	657.9350 cum	9150.0000	6020105.25	INR Sixty Lakh Twenty Thousand One Hundred & Five and Paise Twenty Five Only
2.14	13.5.F.q.2 : Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump - Height 5m to 10m	594.2550 cum	10500.0000	6239677.50	INR Sixty Two Lakh Thirty Nine Thousand Six Hundred & Seventy Seven and Paise Fifty Only
2.15	14.1B.2 : Furnishing and Placing Reinforced Cement Concrete Grade M25 Using Batching Plant, Transit Mixer and Concrete Pump in super-structure as per drawing and Technical Specification	79.3310 cum	10500.0000	832975.50	INR Eight Lakh Thirty Two Thousand Nine Hundred & Seventy Five and Paise Fifty Only
2.16	od335426/2020_2021 : od236660/2020_2021 :Furnishing and Placing RCC Grade M35 Using Batching Plant, Transit Mixer and Concrete Pump as per drawing and Technical Specification. For T-beam & slab - Height above 10m as per MORTH 14.1D.2.2.C	175.6160 cum	16800.0000	2950348.80	INR Twenty Nine Lakh Fifty Thousand Three Hundred & Forty Eight and Paise Eighty Only
2.17	od259118/2020_2021 : Construction of RCC railing of M35 Grade in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, center to center spacing between vertical post not to exceed 2000 mm, leaving adequate space between the vertical post for expansion, complete as per approved drawings and technical specifications. as per MORTH 14.7	146.0000 metre	4200.0000	613200.00	INR Six Lakh Thirteen Thousand Two Hundred Only
2.18	od258568/2020_2021 : od237317/2020_2021 :Furnishing and Placing RCC Grade M35 in super-structures Using Batching Plant, Transit Mixer, and Concrete Pump as per drawing and Technical Specification.Height above 10m as per MORTH 13.5.H.q.2	15.6750 cum	11400.0000	178695.00	INR One Lakh Seventy Eight Thousand Six Hundred & Ninety Five Only
2.19	14.9 : Drainage Spouts complete as per drawing and Technical specification	20.0000 no	4200.0000	84000.00	INR Eighty Four Thousand Only
2.2	od335427/2020_2021 : Providing and laying of a strip seal expansion joint catering to maximum horizontal movement up to 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorized representative ensuring compliance to the manufacturer's instructions for installation (14.22)	37.5000 metre	8970.0000	336375.00	INR Three Lakh Thirty Six Thousand Three Hundred & Seventy Five Only



*Seemant*  
Chief Engineer

2.21	od335428/2020_2021 : Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications.	18.7500 cum		13200.0000	247500.00	INR Two Lakh Forty Seven Thousand Five Hundred Only
2.22	13.14 : Supplying, fitting and fixing in position true to line and level elastic bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	320000.0000 Cum cm		0.9600	307200.00	INR Three Lakh Seven Thousand Two Hundred Only
2.23	12.40 : Supply, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications	358.5670 MT		78000.0000	27968226.00	INR Two Crore Seventy Nine Lakh Sixty Eight Thousand Two Hundred & Twenty Six Only
2.24	13.6 : Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications	108.7710 MT		78000.0000	8484138.00	INR Eighty Four Lakh Eighty Four Thousand One Hundred & Thirty Eight Only
2.25	14.2 : Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	142.6600 MT		80700.0000	11512662.00	INR One Crore Fifteen Lakh Twelve Thousand Six Hundred & Sixty Two Only
2.26	14.16 : Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm.	74.4000 sqm		186.0000	13838.40	INR Thirteen Thousand Eight Hundred & Thirty Eight and Paise Forty Only
3	<b>3 Appendix C-Approach Road</b>					
3.01	3.16 : Construction of embankment with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2.	2700.0000 cum		780.0000	2106000.00	INR Twenty One Lakh Six Thousand Only
3.02	4.1.A.1 : Construction of granular sub-base by providing graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-I - Plant Mix Method	900.0000 cum		2886.0000	2597400.00	INR Twenty Five Lakh Ninety Seven Thousand Four Hundred Only



*Seeneth*

**Chief Engineer**

Kerala Irrigation Infrastructure  
Development Corporation Ltd

3.03	4.12 : Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	270.0000 cum			2850.0000	769500.00	INR Seven Lakh Sixty Nine Thousand Five Hundred Only
3.04	8.4.2 : Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composite material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 60 cm equilateral triangle	2.0000 each			4200.0000	8400.00	INR Eight Thousand Four Hundred Only
3.05	8.4.3 : Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composite material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 60 cm circular	2.0000 each			4200.0000	8400.00	INR Eight Thousand Four Hundred Only



*Seelaneeth*

Chief Engineer  
Kerala Irrigation Infrastructure  
Development Corporation Ltd.  
Thiruvananthapuram - 695024

3.06	8.4.4 : Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 80 mm x 60 mm rectangular	2.0000 each	4200.0000	8400.00	INR Eight Thousand Four Hundred Only
3.07	8.11.1 : Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control Over 10 cm in width	10.0000 sqm	510.0000	5100.00	INR Five Thousand One Hundred Only
3.08	5.1.a : Providing and applying primer coat with bitumen emulsion ( SS) on prepared surface of granular Base including cleaning of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means.	1800.0000 sqm	60.0000	108000.00	INR One Lakh Eight Thousand Only
3.09	5.2.a : Providing and applying tack coat with bitumen emulsion( RS) using emulsion pressure distributor at the rate of 0.20 - 0.30 Kg per sqm on the prepared bituminous surface cleaned with mechanical broom.	1800.0000 sqm	42.0000	75600.00	INR Seventy Five Thousand Six Hundred Only
3.1	8.4.1 : Providing and fixing of retro- reflectorised cautionary, mandatory and informatory sign with 7years warranty manufactured as per IRC :67 made of Type IV micro prismatic grade sheeting vide clause 801.3.3 fixed over aluminium sheeting, 2 mm thick/ aluminium composit material sheeting 4 mm thick with suitable back supporting frame of MS angle 25x25x3 and supported on GI pipe pole 50mm NB conforming to IS 1239 firmly fixed to the ground by means of properly designed foundation with M 15 grade cement concrete min size 45 cm x 45 cm x 60 cm, 60 cm below ground level including painting all exposed surface with 2 coats of epoxy painting over epoxy primer and as per approved drawing and clause 801 including lettering symbols etc. 90 cm equilateral triangle	4.0000 each	4200.0000	16800.00	INR Sixteen Thousand Eight Hundred Only



*Signature*  
 Engineer

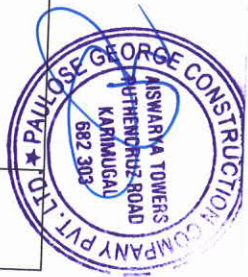
3.11	od256478/2020_2021 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed and as directed by Engineer in charge.All kinds of soil	1680.0000 cum			204.0000	342720.00	INR Three Lakh Forty Two Thousand Seven Hundred & Twenty Only
3.12	12.8.A.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. PCC Grade M15	1680.0000 cum			7530.0000	12650400.00	INR One Crore Twenty Six Lakh Fifty Thousand Four Hundred Only
3.13	13.5.B : Plain/Reinforced Cement Concrete in sub-structure complete as per drawing and Technical Specifications PCC Grade M20 - Height upto 5m	1350.0000 cum			8070.0000	10894500.00	INR One Crore Eight Lakh Ninety Four Thousand Five Hundred Only
3.14	12.40 : Supply, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications	67.2000 MT			78000.0000	5241600.00	INR Fifty Two Lakh Forty One Thousand Six Hundred Only
3.15	13.6 : Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications	54.0000 MT			78000.0000	4212000.00	INR Forty Two Lakh Twelve Thousand Only
4							
4.01	4 Appendix D-River Protection Works od264902/2020_2021 : Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas exceeding 30 cm in depth, including disposal of excavated earth, with all lead and lift, disposed earth to be levelled and neatly dressed.All kinds of soil	16581.6000 cum			204.0000	3382646.40	INR Thirty Three Lakh Eighty Two Thousand Six Hundred & Forty Six and Paise Forty Only
4.02	12.8.E.2.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. RCC Grade M25 - With Batching Plant, Transit Mixer and Concrete Pump	1895.0400 cum			8700.0000	16486848.00	INR One Crore Sixty Four Lakh Eighty Six Thousand Eight Hundred & Forty Eight Only
4.03	13.5.F.P.2 : Plain/Reinforced cement concrete in sub-structure complete as per drawing and Technical Specifications RCC Grade M25 -With Batching Plant, Transit Mixer and Concrete Pump - Height upto 5m	1871.3280 cum			8700.0000	16280553.60	INR One Crore Sixty Two Lakh Eighty Thousand Five Hundred & Fifty Three and Paise Sixty Only



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4.04	12.40 : Supply, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications	94.7520 MT	78000.0000	7390656.00	INR Seventy Three Lakh Ninety Thousand Six Hundred & Fifty Six Only
4.05	13.6 : Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications	93.5700 MT	78000.0000	7298460.00	INR Seventy Two Lakh Ninety Eight Thousand Four Hundred & Fifty Nine and Paise One Hundred Only
5	<b>Appendix E: Operator cum Generator Room</b>				
5.01	2.8.1 : Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil	26.3520 cum	195.0000	5138.64	INR Five Thousand One Hundred & Thirty Eight and Paise Sixty Four Only
5.02	4.1.8 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 nominal size)	8.4780 cum	6000.0000	50868.00	INR Fifty Thousand Eight Hundred & Sixty Eight Only
5.03	7.1.1 : Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) up to plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand)	25.3130 cum	4650.0000	117705.45	INR One Lakh Seventeen Thousand Seven Hundred & Five and Paise Forty Five Only
5.04	5.1.2 : Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: 1:1.5:3 (1 cement 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.0250 cum	8070.0000	16341.75	INR Sixteen Thousand Three Hundred & Forty One and Paise Seventy Five Only
5.05	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	13.5000 sqm	420.0000	5670.00	INR Five Thousand Six Hundred & Seventy Only
5.06	50.6.1.1 : Solid block masonry using pre cast solid blocks (factory made) of size 40x20x20cm or nearest available size conforming to IS 2185 part 1 of 1979 for foundation and plinth with thickness 20 cm and above in: CM 1:6 (1 cement : 6 coarse sand) etc complete	1.0240 cum	7800.0000	7987.20	INR Seven Thousand Nine Hundred & Eighty Seven and Paise Twenty Only



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5.07	2.25 : Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	1.6200 cum	141.0000	228.42	INR Two Hundred & Twenty Eight and Paise Forty Two Only
5.08	50.6.7.2 : Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for super structure above plinth level up to floor two level including all cost of materials, labour charges etc.	26.8160 cum	6000.0000	160896.00	INR One Lakh Sixty Thousand Eight Hundred & Ninety Six Only
5.09	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand (Zone II) : 3 graded stone aggregate 20 mm nominal size).	1.3500 cum	8700.0000	11745.00	INR Eleven Thousand Seven Hundred & Forty Five Only
5.1	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders bressumers and cantilevers	13.5000 sqm	510.0000	6885.00	INR Six Thousand Eight Hundred & Eighty Five Only
5.11	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Thermo - Mechanically Treated bars of grade Fe-500D or more	297.0000 kilogram	78.0000	23166.00	INR Twenty Three Thousand One Hundred & Sixty Six Only
5.12	13.1.1 : 12 mm cement plaster of mix: 1:4 ( 1 cement : 4 fine sand)	346.5310 sqm	510.0000	176730.81	INR One Lakh Seventy Six Thousand Seven Hundred & Thirty and Paise Eighty One Only
5.13	11.36 : Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer -in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	19.3750 sqm	1410.0000	27318.75	INR Twenty Seven Thousand Three Hundred & Eighteen and Paise Seventy Five Only



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5.14	11.37 : Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc., complete.	6.5510 sqm	1410.0000	9236.91	INR Nine Thousand Two Hundred & Thirty Six and Paise Ninety One Only
5.15	11.41.2 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600 x 600 mm.	48.9170 sqm	1500.0000	73375.50	INR Seventy Three Thousand Three Hundred & Seventy Five and Paise Fifty Only
5.16	13.43.1 : Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:Water thinnable cement primer	325.1070 sqm	141.0000	45840.09	INR Forty Five Thousand Eight Hundred & Forty and Paise Nine Only
5.17	13.60.1 : Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:Two or more coats on new work	325.1070 sqm	177.0000	57543.94	INR Fifty Seven Thousand Five Hundred & Forty Three and Paise Ninety Four Only
5.18	10.16.1 : Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.Hot finished welded type tubes	1598.4010 kg	114.0000	182217.71	INR One Lakh Eighty Two Thousand Two Hundred & Seventeen and Paise Seventy One Only
5.19	13.52.1 : Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work	79.9210 sqm	420.0000	33566.82	INR Thirty Three Thousand Five Hundred & Sixty Six and Paise Eighty Two Only
5.2	12.1.1 : Providing corrugate G.S. sheet roofing including vertical/ curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete ( up to any pitch in horizontal / vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.1.00 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	79.9210 sqm	1500.0000	119881.50	INR One Lakh Nineteen Thousand Eight Hundred & Eighty One and Paise Fifty Only



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Devaraj Engineer

5.21	12.4.1 : Providing ridges or hips width 60 cm overall width plain G.S. sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete.0.80 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	8.9200 metre	1410.0000	12577.20	INR Twelve Thousand Five Hundred & Seventy Seven and Paise Twenty Only
5.22	9.118.1 : Providing and fixing to existing door frames 24 mm thick factory made PVC door shutters made of styles and rails of a uPVC hollow section of size 59x24 mm and wall thickness 2 mm (± 0.2 mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of M.S. galvanised/plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 20x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x24 mm and 2 mm (± 0.2 mm) wall thickness, fixed to the shutter styles by means of plastic/galvanised M.S. 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification and direction of Engineer-in-charge (For W.C. and bathroom door shutter).	3.7810 sqm	17700.0000	66923.70	INR Sixty Six Thousand Nine Hundred & Twenty Three and Paise Seventy Only
5.23	9.119 : Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in Charge.	12.4000 metre	1770.0000	21948.00	INR Twenty One Thousand Nine Hundred & Forty Eight Only
5.24	9.1.1 : Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	0.3980 cum	510000.0000	202980.00	INR Two Lakh Two Thousand Nine Hundred & Eighty Only

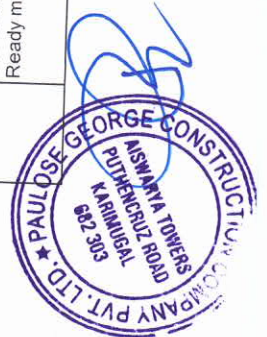


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5.25	9.5.1.2 : Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer - in-charge.30 mm thick shutters	6.1520 sqm	14100.0000	86743.20	INR Eighty Six Thousand Seven Hundred & Forty Three and Paise Twenty Only
5.26	9.7.1 : Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick:Second class teak wood	0.4500 sqm	14100.0000	6345.00	INR Six Thousand Three Hundred & Forty Five Only
5.27	9.48.2 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with rawl plugs screws etc	155.7000 kg	132.0000	20552.40	INR Twenty Thousand Five Hundred & Fifty Two and Paise Forty Only
5.28	9.63.1 : Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete:250x10 mm	2.0000 no	294.0000	588.00	INR Five Hundred & Eighty Eight Only
5.29	9.76 : Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	1.0000 no	3840.0000	3840.00	INR Three Thousand Eight Hundred & Forty Only
5.3	10.6.1 : Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.80x1.25 mm M.S. laths with 1.25 mm thick top cover	10.8000 sqm	7080.0000	76464.00	INR Seventy Six Thousand Four Hundred & Sixty Four Only
5.31	od140630/2020_2021 : Supplying and fixing Ferro cement Ready made septic tank- 50mm thick	2000.0000 Litre	15.0000	30000.00	INR Thirty Thousand Only



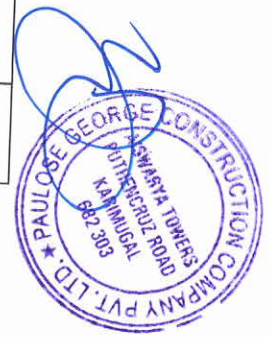
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5.32	19.32.1 : Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	1.0000 each	33000.00000	33000.00	INR Thirty Three Thousand Only
5.33	17.3.1 : Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	1.0000 each	9600.00000	9600.00	INR Nine Thousand Six Hundred Only
5.34	17.7.3 : Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require. White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	1.0000 each	8700.00000	8700.00	INR Eight Thousand Seven Hundred Only
5.35	18.22.2 : Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet; 150 mm diameter	1.0000 each	1140.00000	1140.00	INR One Thousand One Hundred & Forty Only
5.36	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	2.0000 each	1770.00000	3540.00	INR Three Thousand Five Hundred & Forty Only
5.37	18.55.1 : Providing and fixing PTMT stop cock of approved quality and colour. 15 mm nominal bore, 86 mm long, weighing not less than 88 gms	1.0000 each	294.00000	294.00	INR Two Hundred & Ninety Four Only
5.38	18.65 : Providing and fixing PTMT Soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fittings arrangements, weighing not less than 106 gms.	1.0000 each	258.00000	258.00	INR Two Hundred & Fifty Eight Only
5.39	50.18.7.3.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 25 mm dia 10Kgfl/cm <sup>2</sup> - Internal work- Exposed on wall	50.0000 metre	177.00000	8850.00	INR Eight Thousand Eight Hundred & Fifty Only



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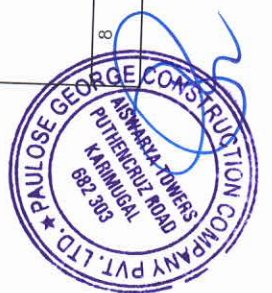
5.4	50.18.7.6.2 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing . This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 50 mm dia 6 Kgfl/cm2 - Internal work- Exposed on wall	30.0000	metre			240.0000	7200.00	INR Seven Thousand Two Hundred Only
5.41	50.18.9.9.1 : Providing and fixing PVC pipes including jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of Joints complete as per direction of engineer in charge.110 mm dia 6Kgfl/cm2	10.0000	metre			510.0000	5100.00	INR Five Thousand One Hundred Only
5.42	18.48 : Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.0000	Litre			15.0000	15000.00	INR Fifteen Thousand Only
6	<b>Appendix F-Mechanical Works F1-Cost of Supplying and stacking materials for embedded parts</b>							
6.01	85.101 : Supply of MS plates confirming to IS 2062GrB including cost of conveyance charges	12663.1890	kg			78.0000	987728.74	INR Nine Lakh Eighty Seven Thousand Seven Hundred & Twenty Eight and Paise Seventy Four Only
6.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC confirming to IS2062GrA/B including cost of conveyance charges	4222.6340	kg			78.0000	329365.45	INR Three Lakh Twenty Nine Thousand Three Hundred & Sixty Five and Paise Forty Five Only
6.03	85.107 : Supply of MS round bar including cost of conveyance charges	678.1400	kg			87.0000	58998.18	INR Fifty Eight Thousand Nine Hundred & Ninety Eight and Paise Eighteen Only
6.04	od136869/2020_2021 : Supply of MS Bolts and Nuts	413.7650	kg			150.0000	62064.75	INR Sixty Two Thousand & Sixty Four and Paise Seventy Five Only
6.05	85.108 : Fabrication, erection and commissioning of Structural steel Embedded parts in IS2062 Grade and accessories as per approved specifications, drawings and directions of deptl officer at site including cost of labour , machinery , incidental and handling charges etc complete but excluding cost of material already supplied	17563.9630	kg			69.0000	1211913.45	INR Twelve Lakh Eleven Thousand Nine Hundred & Thirteen and Paise Forty Five Only



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6.06	od137238/2020_2021 : Fabrication, Supply, erection and assembling in correct position and alignment by welding SS embedded parts in 304L Grade like roller track, seal track, Seal seat etc. as per approved specifications, drawings and directions of de pti officer at site including cost of all materials, labour, machinery for planning, welding, grinding etc, lead and lift, conveyance, incidental and handling etc complete	2938.2880 kg			600.0000	1762972.80	INR Seventeen Lakh Sixty Two Thousand Nine Hundred & Seventy Two and Paise Eighty Only
7	<b>Appendix F 2- Supply of materials, fabrication, painting and erection of 12x3H 3 Nos, 7, 4x3H 2 Nos of MS shutter.</b>						
7.01	85.101 : Supply of MS plates conforming to IS 2062GrB including cost of conveyance charges	55379.6330 kg			78.0000	4319611.37	INR Forty Three Lakh Nineteen Thousand Six Hundred & Eleven and Paise Thirty Seven Only
7.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC conforming to IS2062GrA/B including cost of conveyance charges	2125.2510 kg			78.0000	165769.58	INR One Lakh Sixty Five Thousand Seven Hundred & Sixty Nine and Paise Fifty Eight Only
7.03	od139130/2020_2021 : Cost of MS Bolt & Nuts	484.3410 kg			150.0000	72651.15	INR Seventy Two Thousand Six Hundred & Fifty One and Paise Fifteen Only
7.04	85.110 : Fabrication and supply of Structural steel wheel gate and accessories as per approved specifications, drawings and directions of dept officer at site including cost of labour, machinery, all leads and lifts, incidental and handling charges etc complete but excluding cost of material already supplied	57758.3260 kg			60.0000	3465499.56	INR Thirty Four Lakh Sixty Five Thousand Four Hundred & Ninety Nine and Paise Fifty Six Only
7.05	85.112 : Painting all the exposed surfaces of the gate and embedded parts with two coats of epoxy coal tar black paint conforming to IS14948 with a minimum film thickness of 150+/-5 microns per each coat over two coats of priming coat applied with zinc primer containing not less than 85% of zinc dry film with a film thickness of 70+/-5 microns , so that the total film thickness of all coats including priming coat at any rate is not less than 350microns over the grit blasted and cleaned surface to class A standard of IS 14177 including cost of all materials , labour charges , cost of testing all painting materials, all incidental charges, hire of T&P etc complete as per the direction of departmental officer at site	1430.1680 sqm			780.0000	1115531.04	INR Eleven Lakh Fifteen Thousand Five Hundred & Thirty One and Paise Four Only
7.06	85.111 : Erection of the gates safely in the grooves , assembling and aligning including cost of all machinery, labour all incidental and conveyance charges etc complete as per direction of departmental officer at site	58242.6670 kg			7.8000	454292.80	INR Four Lakh Fifty Four Thousand Two Hundred & Ninety Two and Paise Eighty Only
8	<b>Appendix F 3- Supplying and fixing of rubber seals.</b>						



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8.01	85.116 : Supplying and fixing in correct position with specified initial interface the flat type rubber seal conforming to IS 11855 to the gates including cost of SS bolts and nut all labour and machinery and incidental and conveyance charges complete as per approved specification and drawing	50.6000 metre			3030.0000	153318.00	INR One Lakh Fifty Three Thousand Three Hundred & Eighteen Only
8.02	85.118 : Supplying and fixing in correct position with specified initial interface L-type / bulb nose rubber seal conforming to IS11855 to the gates including cost of SS bolts and nuts and all labour and machinery and incidental and conveyance charges complete as per approved specifications and drawings	30.0000 metre			3300.0000	99000.00	INR Ninety Nine Thousand Only
8.03	85.117 : Supplying and fixing in correct position with specified initial interface the Angular type rubber seal conforming to IS11855 to the gates including cost of SS bolts and nuts and all labour and machinery and incidental and conveyance charges complete as per approved specifications and drawings	30.0000 metre			3300.0000	99000.00	INR Ninety Nine Thousand Only
9	<b>Appendix F - 4 Supplying and fixing of roller assembly.</b>						
9.01	od140717/2020_2021 : Supplying and fixing cast steel thrust roller assembly having 300mm Dia, 90mm tread width, SS(304) shaft and 22220E self aligning spherical roller bearing and accessories as per approved specifications and drawings including cost of all materials, machineries, labour , all lift and lead, incidental and conveyance charges etc complete	20.0000 no			35700.0000	714000.00	INR Seven Lakh Fourteen Thousand Only
10	<b>Appendix F-5 Supply of materials, fabrication, painting and erection of hoisting bridge, covers and frames of driving units &amp; amp; amp;</b>						
10.01	85.101 : Supply of MS plates conforming to IS 2062GrB including cost of conveyance charges	30706.0430 kg			78.0000	2395071.35	INR Twenty Three Lakh Ninety Five Thousand & Seventy One and Paise Thirty Five Only
10.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC conforming to IS2062GrA/B including cost of conveyance charges	12934.3440 kg			78.0000	1008878.83	INR Ten Lakh Eight Thousand Eight Hundred & Seventy Eight and Paise Eighty Three Only
10.03	85.103 : Supply of MS chequered plates including cost of conveyance charges	8064.0540 kg			78.0000	628996.21	INR Six Lakh Twenty Eight Thousand Nine Hundred & Ninety Six and Paise Twenty One Only
10.04	od140892/2020_2021 : Supply of NB 32mm GI pipe	327.8000 metre			384.0000	125875.20	INR One Lakh Twenty Five Thousand Eight Hundred & Seventy Five and Paise Twenty Only
10.05	od136869/2020_2021 : Supply of MS Bolts and Nuts	210.3020 kg			150.0000	31545.30	INR Thirty One Thousand Five Hundred & Forty Five and Paise Thirty Only



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10.06	85.107 : Supply of MS round bar including cost of conveyance charges	22.8940 kg			87.0000	1991.78	INR One Thousand Nine Hundred & Ninety One and Paise Seventy Eight Only
10.07	85.124 : Fabrication and supply of Hoisting bridge unit in structural steel conforming to IS2062G: including ladder, covers for hoisting unit etc as per approved specifications, drawings and directions of deptl officer at site including cost of labour, machinery, incidental and handling charges for fixing handrails and allied works etc complete but excluding material already supplied and weight of pipes for hand rails etc	51727.3350 kg			51.0000	2638094.09	INR Twenty Six Lakh Thirty Eight Thousand & Ninety Four and Paise Eight Only
10.08	10.19 : Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	236.0000 kg			141.0000	33276.00	INR Thirty Three Thousand Two Hundred & Seventy Six Only
10.09	od140930/2020_2021 : Painting all the exposed surfaces 2 coats of enamel paint over 1 coat of zinc chromate primer as per IS 1477:1994 over the grit blasted and cleaned surface to class A standard of IS 14177 including cost of all materials, labour charges, cost of testing all painting materials, all incidental charges, hire of T&P etc complete as per the direction of departmental officer at site.	1567.0270 sqm			510.0000	799183.77	INR Seven Lakh Ninety Nine Thousand One Hundred & Eighty Three and Paise Seventy Seven Only
10.1	85.136 : Erection of the hoisting bridge unit including handrails, ladder and platform etc. in correct alignment and anchoring it ; setting and aligning the covers of the hoisting unit etc complete including cost of all labour, machinery, incidental and conveyance, lead and lift charges etc complete but excluding cost of materials already supplied	51937.6370 kg			17.7000	919296.17	INR Nine Lakh Nineteen Thousand Two Hundred & Ninety Six and Paise Seventeen Only
10.11	10.2 : Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	45.0000 kg			87.0000	3915.00	INR Three Thousand Nine Hundred & Fifteen Only
11	<b>Appendix F 6 Supplying, stacking, erecting and trial run of rope drum hoisting Unit</b>						
11.01	85.128 : Providing Line shaft, material : MS rolled/ forged steel	1818.7600 kg					
11.02	od141103/2020_2021 : Cost of supplying and stacking 20mm, 6/36 construction, right hand lay ungalvanised main fiber core wire rope having UTS 180Kg/mm <sup>2</sup> breaking load capacity 19266 Kg conforming to IS2266-1989	590.0000 metre			114.0000	207338.64	INR Two Lakh Seven Thousand Three Hundred & Thirty Eight and Paise Sixty Four Only
					384.0000	226560.00	INR Two Lakh Twenty Six Thousand Five Hundred & Sixty Only



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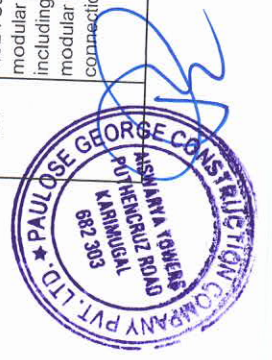


11.03	od141104/2020_2021 : Providing DIAL ASSEMBLY	5.0000	set				124500.00	INR One Lakh Twenty Four Thousand Five Hundred Only
11.04	85.133 : Supplying and stacking of 25 Tonne capacity rope drum hoisting unit having 13.5 m lift at a hoisting speed of about 0.45 m/min(+/-10%) through pulley arrangements with 4 numbers of falls on either side with 20mm tested galvanized wire rope 6/36 construction, fibre core having breaking capacity 23853kg and driven by TEFC squirrel cage induction motor hoist duty type having capacity not less than 5HP and driven through self locking worm reducer and open gear reduction unit excluding the cost of Line shaft but including 2 nos. of plummer blocks with bearings for line shaft supported at proper intervals and including cost of electro magnetic thruster brake assembly manual operating systems, electrical accessories like DOL starters, limit switch, main switches and other safety equipments as per drawings specifications and statutory requirements etc complete but excluding cost of wire rope.	5.0000	set				5475000.00	INR Fifty Four Lakh Seventy Five Thousand Only
11.05	85.125 : Conveying and erecting in position the already supplied rope drum hoisting units (15T/ 20T/25T/30T) capacity on the hoisting bridge and correcting the alignment as far as possible manually as per the direction of departmental officer at site including cost of all labour, machinery, lead and lift and all incidental and conveyance charges etc complete	5.0000	no				51000.0000	INR Two Lakh Fifty Five Thousand Only
11.06	85.135 : Conveying and Fixing wire rope already supplied to the new gates and Hoisting unit safety and conducting Trial run	5.0000	set				79500.00	INR Seventy Nine Thousand Five Hundred Only
12	<b>Appendix H-Electrical work</b>							
12.01	od334205/2020_2021 : Supply & installation of dust and vermin proof, 3 Phase Syntex Meter Board GS-MB-6535(size 760x450x260x) and to fix KSEB meters, fuse units, CT etc as required including fixing it on wall, making good the damages colour washing etc. as required.	1.0000	each				7620.0000	INR Seven Thousand Six Hundred & Twenty Only
12.02	od334206/2020_2021 : 100A HRC fuse base with fuse link	3.0000	each				1476.00	INR One Thousand Four Hundred & Seventy Six Only
12.03	od334207/2020_2021 : 100 A, 415 V, 2 way neutral link mounted on DMC/SMC base.	1.0000	each				312.0000	INR Three Hundred & Twelve Only



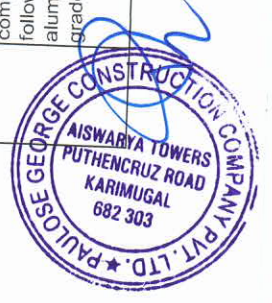
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 Chief Engineer

12.04	1.10.3 : Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.Group C	8.0000	point	897.0000	7176.00	INR Seven Thousand One Hundred & Seventy Six Only
12.05	1.12 : Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	10.0000	metre	753.0000	7530.00	INR Seven Thousand Five Hundred & Thirty Only
12.06	1.14.1 : Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class PVC conduit as required 2x1.5 sq. mm + 1x1.5 sq. mm earth wire	15.0000	metre	420.0000	6300.00	INR Six Thousand Three Hundred Only
12.07	1.25 : Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	3.0000	each	339.0000	1017.00	INR One Thousand & Seventeen Only
12.08	od334659/2020_2021 : Supply, conveyance, installation, testing and commissioning of ceiling fans of the following sizes using standard accessories excluding resistance type regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. 1200 mm sweep- 5 star rated Ceiling fan, complete with 300mm down rod, canopies, shackles and blades and resistance type regulator working on 230/240V single phase A/C	3.0000	each	4200.0000	12600.00	INR Twelve Thousand Six Hundred Only
12.09	1.31 : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	2.0000	each	375.0000	750.00	INR Seven Hundred & Fifty Only
12.1	1.32 : Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	1.0000	each	510.0000	510.00	INR Five Hundred & Ten Only



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12.11	90.14.11.17 : MCCB Accessories Supply and fixing kastel interlock kit up to 250A.	2.0000	no			5460.0000	10920.00	INR Ten Thousand Nine Hundred & Twenty Only
12.12	90.6.5.21 : Supply and drawing the following sizes of multi-core PVC insulated & FRLS PVC sheathed 650/1100 V grade copper conductor round flexible cables conforming to IS 694 part I, 1960 in the existing surface / recess conduit as required including giving necessary connections of the following sizes. 4 core 6.00 sq mm	200.0000	metre			366.0000	73200.00	INR Seventy Three Thousand Two Hundred Only
12.13	90.12.7.41 : Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required. 4 core 16 sq mm with factory made clamp	20.0000	metre			510.0000	10200.00	INR Ten Thousand Two Hundred Only
12.14	90.12.1.27 : Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground including excavation of trench of size 35 x 75 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil). 3.5 core 25 sq mm	30.0000	metre			600.0000	18000.00	INR Eighteen Thousand Only
12.15	90.12.7.27 : Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured aluminium power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages, colour washing etc. as required. 3.5 core 25 sq mm with factory made clamp	20.0000	metre			420.0000	8400.00	INR Eight Thousand Four Hundred Only
12.16	90.16.1.4 : Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 4.00 mm copper conductor ( 8 SWG)	500.0000	metre			420.0000	210000.00	INR Two Lakh Ten Thousand Only
12.17	90.16.3.9 : Supply and clamping the following size of strips on surface of wall/ parapet/ existing cable tray using clamps fabricated from 20 X 3 mm GI flat duly painted or heavy duty GI spacer saddles spacing of clamps not exceeding 1 m, making good the damages, colour washing etc. as required ( for horizontal run) 25 x 3 mm copper strip	2.0000	metre			393.0000	786.00	INR Seven Hundred & Eighty Six Only
12.18	9.1.1 : Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required. 2 X 6 sq. mm (19mm)	13.0000	set			420.0000	5460.00	INR Five Thousand Four Hundred & Sixty Only



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12.19	9.1.33 : Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 16 sq. mm (28mm)	4,0000 set	510.0000	2040.00	INR Two Thousand & Forty Only
12.2	9.1.20 : Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2X25 sq.mm (28mm)	2.0000 set	600.0000	1200.00	INR One Thousand Two Hundred Only
12.21	9.2.17 : Supplying and making outdoor end termination with cast resin compound including aluminium lugs and other jointing materials for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.3 1/2 X 25 sq. mm	1.0000 each	780.0000	780.00	INR Seven Hundred & Eighty Only
12.22	2.10.1 : Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Single pole	13.0000 each	330.0000	4290.00	INR Four Thousand Two Hundred & Ninety Only
12.23	90.11.1.10 : Supply and installation of sheet steel, phosphatised and painted, dust and vermin proof enclosure of MCB DB including copper /brass bus bar, neutral link, earth bus and DIN rail suitable for fixing MCB/ isolator etc. fixed on wall using suitable anchor bolts or fixed in recess including cutting hole on the wall , making good the damages, colour washing etc. as required.4 way (8+12) - three phase double cover (IP 42/43)	1.0000 each	24000.0000	24000.00	INR Twenty Four Thousand Only
12.24	od336173/2020_2021 : Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, RCBO having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.63A	1.0000 each	5010.0000	5010.00	INR Five Thousand & Ten Only



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12.25	90.14.1.2 : Fabrication, supply, conveyance, installation testing and commissioning of floor or wall mounting, dust and vermin proof, cubicle type MV panel board comprising of the following components/ devices & complying to IS 8623.  Fabrication of fully partitioned, dust and vermin proof enclosure for panel assembly as per form 4 of IS 8623 (with latest amendments) using CRCA sheet as per approved design and requirement, with front and rear access facility, bus bar chambers, hinged doors for all switch gear compartments, earthing the doors using 4 sq mm braided copper conductor, providing necessary cut-outs for mounting meters, relays, indication lamps, bus bar interconnection etc, detachable covers for bus bar chamber and cable alley, powder coating the assembly after subjecting to 7 tank process etc as required. CRCA sheet alone be used for the fabrication. Angles/ flats/ slotted angles etc shall not be used for the fabrication of panel assembly. The measurements will be taken the area of the complete sheets used for panel board including partitions, folding, shrouding etc. Supply and fabrication of MV panel board using 1.6mm CRCA sheet, powder coated (excluding base frame)	10.0000	sqm	2598.0000	25980.00	INR Twenty Five Thousand Nine Hundred & Eighty Only
12.26	90.14.2.2 : Supply and providing 3mm SMC sheet as shrouding for bus interconnection / terminations etc. including required nut & bolt etc.	0.5000	sqm	3570.0000	1785.00	INR One Thousand Seven Hundred & Eighty Five Only
12.27	90.14.3.2 : Supply and providing heavy duty 'A' section neoprene gasket in the panel board 'U' section rubber beeding suitable for 1.60/ 2.00 mm sheet	30.0000	metre	294.0000	8820.00	INR Eight Thousand Eight Hundred & Twenty Only
12.28	90.14.4 : Supply and fabrication conveyance and installation of base frame of panel board using 75 x 40 mm rolled steel channel (ISMIC)	3.6000	metre	870.0000	3132.00	INR Three Thousand One Hundred & Thirty Two Only
12.29	90.14.6 : Supply and providing copper bus bars including finger type SMC bus bar supports in the bus chamber, suitable size nut & bolt, providing heat shrink sleeves etc. as required.	1500.0000	Cum cm	78.0000	117000.00	INR One Lakh Seventeen Thousand Only
12.3	90.14.7 : Supply and providing copper earth bus in the panel board	600.0000	Cum cm	60.0000	36000.00	INR Thirty Six Thousand Only



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12.31	90.14.10.4 : Supply, conveyance and fixing the following types & current rated control gears & switchgears conforming to IS 13947 suitable for 440 V, 50 Hz, AC supply in the existing panel assembly as required. 16 A-100A, 25/35 KA (Ics=100%Icu), 4 pole, current limiting type MCCB having thermal setting range of 80 - 100% with thermal magnetic release having adjustable OL	2.0000 no	6909.0000	13818.00	INR Thirteen Thousand Eight Hundred & Eighteen Only
12.32	90.14.11.1 : MCCB Accessories Supply and fixing one number earth fault Relay up to 100A with CBCT.	1.0000 no	2850.0000	2850.00	INR Two Thousand Eight Hundred & Fifty Only
12.33	90.14.11.13 : MCCB Accessories Supply and fixing rotary handle, External type (including BUC handle with door interlock) in the existing MCCB of rating up to 250 A	2.0000 no	2220.0000	4440.00	INR Four Thousand Four Hundred & Forty Only
12.34	2.1.1 : Providing and fixing following capacity TP&N disconnector fuse switch unit inside the existing panel board with ISI marked HRC fuses including drilling holes in cubicle panel, making connections, etc. as required.32 Amp TP & N	6.0000 each	1770.0000	10620.00	INR Ten Thousand Six Hundred & Twenty Only
12.35	od33604/2020_2021 : Supply and fixing 200/5 A, 15 VA, cast resin metering CT of accuracy class 1 as required.	6.0000 each	1050.0000	6300.00	INR Six Thousand Three Hundred Only
12.36	od336248/2020_2021 : Supply and fixing digital multifunction meter to read V,A,F&PF-3phase accuracy class-1 LED on existing panel board and giving connection	2.0000 each	2148.0000	4296.00	INR Four Thousand Two Hundred & Ninety Six Only
12.37	od336257/2020_2021 : Supply and fixing 20A HRC fuse base with fuse link on existing panel board	6.0000 each	249.0000	1494.00	INR One Thousand Four Hundred & Ninety Four Only
12.38	od336259/2020_2021 : Supply and fixing Red, Green, Black, Yellow, Orange colours LED indicator, AC/DC, 22.5 mm cut out dia	6.0000 each	114.0000	684.00	INR Six Hundred & Eighty Four Only
12.39	90.12.9.3 : Supplying, laying and jointing of the following sizes of double wall corrugated (DWC) pipes made out of HDPE conforming to IS 14930 Part II for mechanical protection to underground power cables with all required accessories in ground in the existing trench 63/50 mm or nearest size	85.0000 metre	420.0000	35700.00	INR Thirty Five Thousand Seven Hundred Only



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12.4	5.4 : Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	3.0000 /set	24000.0000	72000.00	INR Seventy Two Thousand Only
12.41	5.13 : Providing and laying earth connection from earth electrode with 4.00 mm dia copper wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	30.0000 /metre	6900.0000	207000.00	INR Two Lakh Seven Thousand Only
12.42	od336296/2020_2021 : Supply, conveyance, installation, testing and commissioning of 25 KVA Diesel Generator Set with Acoustic Enclosure as per CPCB norms & specification with standard Control Panel (Kierloskar). The alternator should conform to BS 500/ IS 4722 operation and service manual spares and tools etc. shall be provided. Base frame - Sturdy, fabricated, welded construction channel iron base frame of suitable size for mounting the above diesel engine and alternator On anti vibration mounting pad, dunlop & #39;B&#amp;#39; series - 8nos. Fuel tank - Suitable size fitted (built in type) inside the Acoustic enclosure. Battery - Suitable capacity fully charged battery with lead and terminals as required with automatic Battery Charger.	1.0000 /set	420000.0000	420000.00	INR Four Lakh Twenty Thousand Only
12.43	od336339/2020_2021 : SITC of Solar LED lighting System with following accessories. (a) All in one Solar LED CSADHMP40 CDL, 40W LED Crompton make / Equilant having 60W solar module Wp with 27 Ah battery having 6800lumens having dimensions(Approx) 955 X 630 X 55 (LWH) haing approximate weight of 19Kg (Details attached separately) suitable to fit on tubular pole. (b) Pole :- 3.5/4 Mtr. long (clear height ~210kg) armless pole of cast iron with bottom dia.200mm with base plate and top dia. 100mm, foundation bolt etc. complete fixed on existing cement concrete foundation etc. as per the directions of engineer at site as required including 3 year AMC complete.	13.0000 /each	89430.0000	1162590.00	INR Eleven Lakh Sixty Two Thousand Five Hundred & Ninety Only
<b>Total in Figures</b>					
<b>Quoted Rate in Words</b>			<b>INR Twenty Six Crore Twenty Three Lakh Eighty Three Thousand Four Hundred &amp; Eighty One and</b>		
			262383481.27	INR Twenty Six Crore Twenty Three Lakh Eighty	

