



കേരളം കേरल KERALA

C 738782

AGREEMENT NO. 194/ KIIDC/2019-20 DATED 17-12-2019

CONTRACT AGREEMENT entered into on this 17th day of December Two Thousand Nineteen between **Infab Infrastructure Pvt Ltd, 402, Punit Plaza, Behind Navgujrat College, Ashram Road, Ahmedabad-380 014, Gujrat , India** (hereinafter called the Contractor) on the one part and the Managing Director, Kerala Irrigation Infrastructure Development corporation Limited, T.C. 36/1, NH66 Bypass Service

For **INFAB INFRASTRUCTURE PVT. LTD.**

Signature of Director

DIRECTOR

Signature of Managing Director

Managing Director
Kerala Irrigation Infrastructure Development Corporation Ltd.
Thiruvananthapuram - 695024

N. BALAKRISHNAN NAIR
Vendor, Vanchiyoor
Thiruvananthapuram

Handwritten notes:
No. 36 858
17/12/2019

Handwritten notes:
Infab Infrastructure,
Pvt Ltd, Ahmedabad,
Gujarat

11 DEC 2019





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C 738783

Road, Near Eanchakkal Jn., Chackai P. O.,
Thiruvananthapuram 695 024, for and on behalf of the
Company (hereinafter called the Company) on the other
part for the work **"KIIFB- Construction of
Regulator across Kadalundi River at
Puzhamkavu in Manjeri Municipality in
Malappuram District"** by the former as per
accompanying agreement, accepted tender with
conditions of contract, plans, accepted schedule with
specifications approved by Managing Director, Kerala

For INFAB INFRASTRUCTURE PVT. LTD.

[Handwritten Signature]

DIRECTOR

[Handwritten Signature]

Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

N. BALAKRISHNAN NAIR
Vendor, Vanchi, cor
Thiruvananthapuram

56859
12/12/2019

Infab Infrastructure
Dvd Ltd, Ahmedabad
Gujarat



भारतीय गैर न्यायिक INDIA NON JUDICIAL



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C 738784

Irrigation Infrastructure Development corporation
Limited, T.C. 36/1, NH66 Bypass Service Road, Near
Eanchakkal Jn., Chackai P. O., Thiruvananthapuram 695
024, which form part of this agreement.

For INFAB INFRASTRUCTURE PVT. LTD.

DIRECTOR

Managing Director

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

an. 56860

17/12/19

N. BALAKRISHNAN NAIR
Vendor, Vanchiypor
Thiruvananthapuram

Infab Infrastructure Pvt Ltd,
Ahmedabad, Gujarat

Rs. 25,000/-



₹.20000

बीस हजार रुपये



TWENTY THOUSAND RUPEES

Rs.20000

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A 816463

Signed and delivered by the above mentioned **Infab Infrastructure Pvt. Ltd, 402, Punit Plaza, Behind Navgujrat College, Ashram Road, Ahmedabad-380 014, Gujrat , India**

For **INFAB INFRASTRUCTURE PVT. LTD.**

[Handwritten Signature]

DIRECTOR

In the presence of:-

1. *M. Sankar Narayanan*
Asst: manager (Technical)
KIIDC. *[Signature]*
2. *Aney Samuel*
Diploenter, office Asst:
KIIDC *[Signature]*

[Signature]
Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

M. 56861
17/12/2019

N. BALAKRISHNA NAIK
Vendor, Vanchiyoor
Thiruvananthapuram

Infab Infrastructure Pvt Ltd
Ahmedabad, Gujrat

20 NOV 2019

Rs. 20,000/-





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Signed and delivered by Managing Director, Kerala
Irrigation Infrastructure Development Corporation
Limited, T.C. 36/1, NH66 Bypass Service Road, Near
Eanchakkal Jn., Chackai P. O., Thiruvananthapuram 695
024, for and on behalf of the Company.

Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

In the presence of:-

- 1.
- 2.

For INFAB INFRASTRUCTURE PVT. LTD.

DIRECTOR

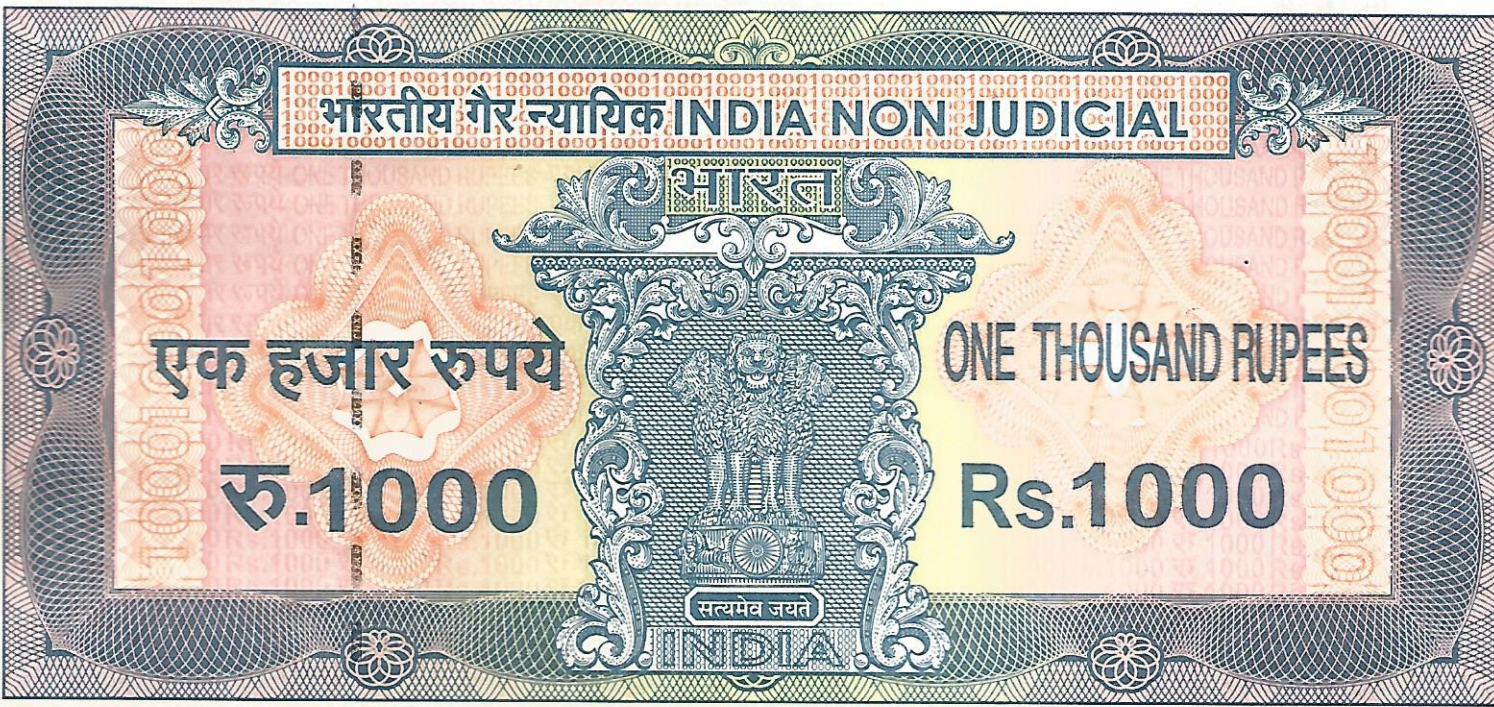
AN 56882
12.12.19

N. BALAKRISHNAN NAIR
Vendor, Vanchiyoor

Infab Infrastructure Pvt -
Ltd, Ahmedabad,
August 2019

11 DEC 2019





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N 090012

MEMORANDUM OF WORK TENDERED

Name of work	"KIIFB- Construction of Regulator across Kadalundi River at Puzhamkavu in Manjeri Municipality in Malappuram District"
Estimate P.A.C	Rs. 10,53,63,039/-
Contract P.A.C	Rs. 9,79,65,435.62
Date of starting	From the date of handing over the site

For INFAB INFRASTRUCTURE PVT. LTD.

[Signature]
DIRECTOR

[Signature]
Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

AN 56803
17.12.2019

N. BALAKRISHNAN NAIR
Vendor, Vanchiyoor

Infab Infrastructure Pvt
Ltd., Ahmedabad,
Gujarat

11 DEC 2019





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N 090013

Date of completion	18 months from the date of handing over the site
Details of security	Treasury fixed deposit for Rs. 24,49,150/- JK No. 594212/856978 dated 30.11.2019 for 19 months. Bank Guarantee from The Corporation Bank Ltd. Gandhinagar CPBB Branch vide BG No.IPBG04171900025 dated 20.11.2019 for Rs. 24,49,150/- valid till 18.11.2020.
Additional Performance Guarantee	Bank Guarantee from Karur Vysys Bank , Ahmedabad vide BG No. IPBG04171900026 dated 20.11.2019 for Rs. 18,33,405/- valid till 18.11.2020.

For INFAB INFRASTRUCTURE PVT. LTD.

Prityach

DIRECTOR

GM
Managing Director

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

AN. 56834

17.12.19

N. BALAKRISHNAN MAIR
Vendor, Vanchiyoor

Infab Infrastructure Pvt.
Ltd, Ahmedabad.
Anjarat

Rs. 1000 /

11 DEC 2019



Item Rate BoQ

Tender Inviting Authority:

Work Name : KIIFB-Construction of a Regulator across Kadalundi River at Puzhankavu in Manjeri Municipality in Malappuram District.

Contract No: KIIDC / Tender / 250 / 2019-20

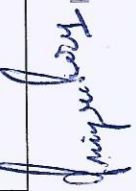
Bidder Name : **IMS INFAB INFRASTRUCTURE PVT LTD**

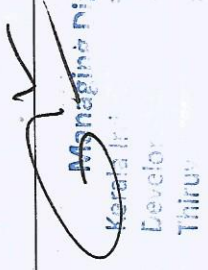
PRICE SCHEDULE

(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	ESTIMATED RATE	NUMBER #	BASIC RATE In Figures To be entered by the Bidder Rs. P	NUMBER #	TOTAL AMOUNT Without Taxes	TEXT #	TOTAL AMOUNT In Words
1	2	4	5	6		13		53		55	
1.01	Appendix A- Construction of Regulator 2.3.1.B : Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness In area of thorny jungle -By Manual Means 	0.6000	Hecter				125856.0000	75513.60			INR Seventy Five Thousand Five Hundred & Thirteen and Paise Sixty Only
1.02	od43853/2019_2020 : RING BUND Type-I-Putting up ring bund as per approved shape 3.5m bottom width, 1m top width using empty gunny/polythene bags filled with earth placed in 2 rows at 1m apart and filled in between with puddle clay to form bund for an average after completion of the work etc. complete. 	190.0000	metre				2042.0000	387980.00			INR Three Lakh Eighty Seven Thousand Nine Hundred & Eighty Only

For INFAB INFRASTRUCTURE PVT LTD


MANAGING DIRECTOR


Managing Director
 Infrastructure
 Developer
 Thiruvananthapuram
 5024

1.03	od43845/2019_2020 : Bailing out water Using 5HP Pump- Bailing out water with 5HP engine and pump set including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete	2400.0000	hour			219.0000	525600.00	INR Five Lakh Twenty Five Thousand Six Hundred Only
1.04	od43849/2019_2020 : Bailing out water using pump above 10 HP and up to 20 HP -Bailing out water with engine and pump set above 10 hp and up to 20hp ,including conveyance to site and erection, cost of fuel ,lubrication oil and other stores, pay of staff etc complete.
	720.0000	hour			307.0000	221040.00	INR Two Lakh Twenty One Thousand & Forty Only
1.05	od50074/2019_2020 : 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
	1863.7500	cum			172.0000	320565.00	INR Three Lakh Twenty Thousand Five Hundred & Sixty Five Only
1.06	12.1.4.A : Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. Hard Rock (blasting prohibited) - Mechanical Means 	1501.5000	cum			550.0000	825825.00	INR Eight Lakh Twenty Five Thousand Eight Hundred & Twenty Five Only
1.07	od43859/2019_2020 : DOWEL BARS - Supplying and Providing MS dowel bars of size 25 mm dia of 2.0m long (1m in rock and 1m in concrete) including drilling holes of 30mm dia and filling the gap with cement grout(0.50kg/each) etc complete	432.0000	each			608.0000	262656.00	INR Two Lakh Sixty Two Thousand Six Hundred & Fifty Six Only
1.08	12.8.2.C.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications RCC Grade M20 With Batching Plant, Transit Mixer and Concrete Pump	490.5850	cum			7055.0000	3461077.18	INR Thirty Four Lakh Sixty One Thousand & Seventy Seven and Paise Seventeen Only
1.09	13.5.B : Plain/Reinforced Cement Concrete in sub-structure complete as per drawing and Technical Specifications PCC Grade M20 - Height upto 5m	72.0000	cum			7462.0000	537264.00	INR Five Lakh Thirty Seven Thousand Two Hundred & Sixty Four Only
1.1	12.8.E.2.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications RCC Grade M20 - With Batching Plant, Transit Mixer and Concrete Pump	333.0000	cum			7629.0000	2540457.00	INR Twenty Five Lakh Forty Thousand Four Hundred & Fifty Seven Only

For INFAB IN

Managing Director
 Kerala Irrigation Infrastructure
 Development Corporation Ltd.
 Thiruvananthapuram - 695024

1.11	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	198,7150	cum			8042.0000	1598066.03	INR Fifteen Lakh Ninety Eight Thousand & Sixty Six and Paise Three Only
1.12	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	255,5550	cum			8305.0000	2122384.28	INR Twenty One Lakh Twenty Two Thousand Three Hundred & Eighty Four and Paise Twenty Seven Only
1.13	12.40 : Supply, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications	46,4420	MT			76500.0000	3552813.00	INR Thirty Five Lakh Fifty Two Thousand Eight Hundred & Thirteen Only
1.14	13.6 : Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications	57,8910	MT			87500.0000	5085462.50	INR Fifty Lakh Sixty Five Thousand Four Hundred & Sixty Two and Paise Fifty Only
1.15	13.10 : Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	48.0000	cum			2930.0000	140640.00	INR One Lakh Forty Thousand Six Hundred & Forty Only
1.16	od43877/2019_2020 : Sand Filling in Foundation Trenches as per Drawing & Technical Specification using available sand	147.0000	cum			186.0000	27342.00	INR Twenty Seven Thousand Three Hundred & Forty Two Only

For INFAB INFRASTRUCTURE PVT. LTD.

DIRECTOR

Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

1.17	od43878/2019_2020 : Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size. Mesh Type 10x12(D=100 mm with tolerance of ± 5mm; 2%) Zinc+PVC coated. Mesh wire diameter: 7/3.7mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm(ID/OD), & supplied @3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per directions of Engineer-in-charge.	332.5000	cum					3254.0000	1081955.00	INR Ten Lakh Eighty One Thousand Nine Hundred & Fifty Five Only
1.18	od50475/2019_2020 : Stone pitching with good quality blasted rubble including packing to compactness to lines levels, cost and conveyance of all materials labour charges etc. complete as per direction of Departmental officers at site	13.5000	cum					1399.0000	18886.50	INR Eighteen Thousand Eight Hundred & Eighty Six and Paise Fifty Only
2										
	Appendix B- Bank Protection Works									
2.01	od50074/2019_2020 : 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	7680.0000	cum					172.0000	1320960.00	INR Thirteen Lakh Twenty Thousand Nine Hundred & Sixty Only
2.02	od43845/2019_2020 : Bailing out water Using 5HP Pump- Bailing out water with 5HP engine and pump set including conveyance to site and erection, cost of fuel, lubrication oil and other stores, pay of staff etc complete	1080.0000	hour					219.0000	236520.00	INR Two Lakh Thirty Six Thousand Five Hundred & Twenty Only

For INFAB INFRASTRUCTURE PVT. LTD.

[Signature]

DIRECTOR

[Signature]
Managing Director

Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

2.03	od43854/2019_2020 : 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. complete.	320.0000	metre	1124.0000	359680.00	INR Three Lakh Fifty Nine Thousand Six Hundred & Eighty Only
2.04	12.1.4.A : Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. Hard Rock (blasting prohibited) - Mechanical Means 	960.0000	cum	550.0000	528000.00	INR Five Lakh Twenty Eight Thousand Only
2.05	od43859/2019_2020 : DOWEL BARS - Supplying and Providing MS dowel bars of size 25 mm dia. of 2.0m long (1m in rock and 1m in concrete) including drilling holes of 30mm dia. and filling the gap with cement grout(0.50kg/each) etc complete	1600.0000	each	608.0000	972800.00	INR Nine Lakh Seventy Two Thousand Eight Hundred Only
2.06	12.8.2.C.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications RCC Grade M20 With Batching Plant, Transit Mixer and Concrete Pump	160.0000	cum	7055.0000	1128800.00	INR Eleven Lakh Twenty Eight Thousand Eight Hundred Only
2.07	12.8.E.1.1 : Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications. RCC Grade M25 - Using Concrete Mixer	1280.0000	cum	7629.0000	9765120.00	INR Ninety Seven Lakh Sixty Five Thousand One Hundred & Twenty Only
2.08	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	1052.5000	cum	8042.0000	8464205.00	INR Eighty Four Lakh Sixty Four Thousand Two Hundred & Five Only
2.09	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	483.5210	cum	8305.0000	4015641.91	INR Forty Lakh Fifteen Thousand Six Hundred & Forty One and Paise Ninety One Only
2.1	12.40 : Supply, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications. For INFAB INFRASTRUCTURE LTD.	140.8000	MT	69963.0000	9850790.40	INR Ninety Eight Lakh Fifty Thousand Seven Hundred & Ninety and Paise Forty Only

[Signature]

DIRECTOR

Managing Director

Kerala Irrigation Infrastructure Development Corporation Ltd.
Thiruvananthapuram - 695024

2.11	13.6 : Supplying, fitting and placing HYSD bar reinforcement in sub-structure complete as per drawing and Technical Specifications	168.9630	MT				69963.0000	11821158.37	INR One Crore Eighteen Lakh Twenty One Thousand One Hundred & Fifty Eight and Paise Thirty Seven Only
2.12	od43868/2019_2020 : Supply and fixing 110mm dia (10kgf/cm ²) PVC perforated horizontal pipe for drain out uplift water from vertical perforated pipe along the checkdam and pier portion including cost and conveyance, cutting charges and fixing charges as per the direction of departmental officers at site	374.4010	metre				262.0000	98093.06	INR Ninety Eight Thousand & Ninety Three and Paise Six Only
2.13	13.10 : Providing and laying of Filter media with granular materials/stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	44.9290	cum				2930.0000	131639.04	INR One Lakh Thirty One Thousand Six Hundred & Thirty Nine and Paise Four Only
3	APP-C- CONSTRUCTION OF GENERATOR ROOM WITH GUARD ROOM								
3.01	2.6.1 : Earth work in excavation by mechanical means (Hydraulic excavator/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50 m and lift up to 1.5 m, disposed earth to be levelled and neatly dressed. All kinds of soil	69.0900	cum				205.0000	14163.45	INR Fourteen Thousand One Hundred & Sixty Three and Paise Forty Five Only
3.02	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)	2.4010	cum				5215.0000	12521.22	INR Twelve Thousand Five Hundred & Twenty One and Paise Twenty One Only
3.03	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	53.8920	sqm				239.0000	12880.19	INR Twelve Thousand Eight Hundred & Eighty and Paise Nineteen Only

For INFAB INFRASTRUCTURE PVT. LTD.



DIRECTOR



Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

3.04	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)	18.2090	cum	7656.0000	139408.10	INR One Lakh Thirty Nine Thousand Four Hundred & Eight and Paise Ten Only
3.05	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	23.5200	sqm	422.0000	9925.44	INR Nine Thousand Nine Hundred & Twenty Five and Paise Forty Four Only
3.06	5.2.2 : Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3(1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	2.2800	cum	8802.0000	20068.56	INR Twenty Thousand & Sixty Eight and Paise Fifty Six Only
3.07	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)	17.2000	cum	4788.0000	82353.60	INR Eighty Two Thousand Three Hundred & Fifty Three and Paise Sixty Only
3.08	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.	8.7860	cum	6273.0000	55114.58	INR Fifty Five Thousand One Hundred & Fourteen and Paise Fifty Eight Only
3.09	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	15.4200	sqm	422.0000	6507.24	INR Six Thousand Five Hundred & Seven and Paise Twenty Four Only
3.1	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	31.9400	sqm	520.0000	16608.80	INR Sixteen Thousand Six Hundred & Eight and Paise Eighty Only
3.11	5.3 : Reinforced cement concrete work in beams, suspended floors, roofs, having slope up to 15^{>0}</sup> 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 aggregate 20 mm nominal size).	3.8680	cum	9103.0000	35210.40	INR Thirty Five Thousand Two Hundred & Ten and Paise Forty Only

For INFRASTRUCTURE DEVELOPMENT

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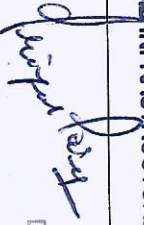
DIRECTOR

[Signature]

Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd

3.12	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	2153.5700	kilogram				70,0000	150749.90	INR One Lakh Fifty Thousand Seven Hundred & Forty Nine and Paise Ninety Only
3.13	10.16.2 : 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 seamless type tubes	404.2010	kg				140,0000	56588.14	INR Fifty Six Thousand Five Hundred & Eighty Eight and Paise Fourteen Only
3.14	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 ²	32.2410	sqm				1250,0000	40301.25	INR Forty Thousand Three Hundred & One and Paise Twenty Five Only
3.15	10.13.1 : Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee- sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	234.3620	kg				102,0000	23904.92	INR Twenty Three Thousand Nine Hundred & Four and Paise Ninety Two Only
3.16	9.48.1 : Providing and fixing M.S. Gills 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 steel windows by welding	259.2000	kg				139,0000	36028.80	INR Thirty Six Thousand & Twenty Eight and Paise Eighty Only
3.17	10.25.2 : Item Shifted to head 14 as item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar	196.2010	kg				109,0000	21385.91	INR Twenty One Thousand Three Hundred & Eighty Five and Paise Ninety One Only

For MP&S INFRASTRUCTURE PVT. LTD.



DIRECTOR



Managing Director

Kerala Irrigation Infrastructure
Development Corporation Ltd.

3.18	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	113.5430	sqm			198.0000	22481.51	INR Twenty Two Thousand Four Hundred & Eighty One and Paise Fifty One Only
3.19	11.3.1 : Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete:40 mm thick with 20 mm nominal size stone aggregate	25.4000	sqm			428.0000	10871.20	INR Ten Thousand Eight Hundred & Seventy One and Paise Twenty Only
3.2	13.62.1 : Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture .	56.0110	sqm			97.0000	5433.07	INR Five Thousand Four Hundred & Thirty Three and Paise Seven Only
3.24	13.44.1 : Finishing walls with water proofing cement paint of required shade:New work (Two or more coats applied @ 3.84 kg/10 sqm)	113.5430	sqm			72.0000	8175.10	INR Eight Thousand One Hundred & Seventy Five and Paise Ten Only
4								

Appendix D- Electrical

For INFABINFRASTRUCTURE PVT. LTD.



DIRECTOR

Managing Director



Managing Director
 Infrastructure
 100/100
 100/100
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4.01	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.	6.0000	sqm			13993.0000		83958.00	INR Eighty Three Thousand Nine Hundred & Fifty Eight Only
4.02	90.14.4 : Supply and fabrication conveyance and installation of base frame of panel board using 75 x 40 mm rolled steel channel (ISM)	3.0000	metre			571.0000		1713.00	INR One Thousand Seven Hundred & Thirteen Only
4.03	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.	1.0000	no			27985.0000		27985.00	INR Twenty Seven Thousand Nine Hundred & Eighty Five Only
4.04	90.14.10.5 : 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.	1.0000	no			27985.0000		27985.00	INR Twenty Seven Thousand Nine Hundred & Eighty Five Only
4.05	2.10.5 : 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. Triple pole and neutral	6.0000	each			7463.0000		44778.00	INR Forty Four Thousand Seven Hundred & Seventy Eight Only

For INFAB INFRASTRUCTURE PVT. LTD.

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4.06	90.14.2.2 : Supply and providing 3mm SMC sheet as shrouding for bus interconnection / terminations etc. including required nut & bolt etc.	0.3600	sqm		4664.0000	1679.04	INR One Thousand Six Hundred & Seventy Nine and Paise Four Only
4.07	90.14.3.3 : Supply and providing heavy duty 'A' section neoprene gasket in the panel board	12.0000	metre		23.0000	276.00	INR Two Hundred & Seventy Six Only
4.08	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.	600.0000	Cum cm		9.0000	5400.00	INR Five Thousand Four Hundred Only
4.09	90.14.7 : Supply and providing copper earth bus in the panel board	100.0000	Cum cm		9.0000	900.00	INR Nine Hundred Only
4.1	od75077/2019_2020 : Supply and installation of LED indicator (R,Y,B) in the existing panel board and giving connection	3.0000	Day		933.0000	2799.00	INR Two Thousand Seven Hundred & Ninety Nine Only
4.11	od75079/2019_2020 : Supply and installation of digital multi function meter (V,A,F) in the existing panel board and giving connection	1.0000	each		9328.0000	9328.00	INR Nine Thousand Three Hundred & Twenty Eight Only
4.12	od75082/2019_2020 : Supply and installation of 2A 'C' curve SP MCB in the existing panel board and giving connection.	3.0000	each		933.0000	2799.00	INR Two Thousand Seven Hundred & Ninety Nine Only
4.13	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	1.0000	each		13993.0000	13993.00	INR Thirteen Thousand Nine Hundred & Ninety Three Only
4.14	2.13.1 : Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.40 amps	1.0000	each		933.0000	933.00	INR Nine Hundred & Thirty Three Only

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4.15	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	12.0000	each				7463.0000	89556.00	INR Eighty Nine Thousand Five Hundred & Fifty Six Only
4.16	90.12.7.39 : 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.	130.0000	metre				187.0000	24310.00	INR Twenty Four Thousand Three Hundred & Ten Only
4.17	90.12.7.40 : 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.	10.0000	metre				187.0000	1870.00	INR One Thousand Eight Hundred & Seventy Only
4.18	90.12.7.28 : 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.	25.0000	metre				187.0000	4675.00	INR Four Thousand Six Hundred & Seventy Five Only
4.19	9.1.7 : 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 X 10 sq. mm (22mm)	8.0000	set				466.0000	3728.00	INR Three Thousand Seven Hundred & Twenty Eight Only
4.2	9.1.32 : 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 10 sq. mm (25mm)	2.0000	set				466.0000	932.00	INR Nine Hundred & Thirty Two Only
4.21	9.1.21 : 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 X 10 sq. mm (32mm)	4.0000	set				466.0000	1864.00	INR One Thousand Eight Hundred & Sixty Four Only

For INFAB INFRASTRUCTURE PROJECT

Manoj Patel
DIRECTOR

Manoj Patel

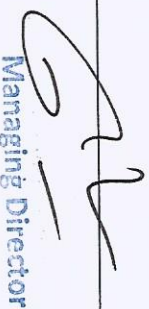
Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

4.22	4.1.1 : Supplying and installing following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections, joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, pairing suspenders etc as required, 100 mm width X 50 mm depth X 1.6 mm thickness	75.0000	metre			429.0000	32175.00	INR Thirty Two Thousand One Hundred & Seventy Five Only
4.23	5.3 : 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. (but without charcoal/ coke and salt) as required.	3.0000	set			5597.0000	16791.00	INR Sixteen Thousand Seven Hundred & Ninety One Only
4.24	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			466.0000	13980.00	INR Thirteen Thousand Nine Hundred & Eighty Only
4.25	5.17 : Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	30.0000	metre			93.0000	2790.00	INR Two Thousand Seven Hundred & Ninety Only
4.26	od75117/2019_2020 : Supply and fixing 63A TPN SF In sheet steel enclosure on wall using suitable fasteners.	1.0000	each			4198.0000	4198.00	INR Four Thousand One Hundred & Ninety Eight Only
4.27	od75148/2019_2020 : 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			4478.0000	4478.00	INR Four Thousand Four Hundred & Seventy Eight Only
4.28	od75158/2019_2020 : Supply and fixing 63A HRC fuse base with fuse link in the existing meter board.	3.0000	each			746.0000	2238.00	INR Two Thousand Two Hundred & Thirty Eight Only
4.29	od75162/2019_2020 : Supply and fixing 63 A, 415 V, 2 way neutral link mounted on DMCC/ SMC base in the existing meter board.	1.0000	each			746.0000	746.00	INR Seven Hundred & Forty Six Only

For INFAB INFRASTRUCTURE PVT. LTD.



DIRECTOR



Managing Director

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Thiruvananthapuram - 695024

4.3	od75168/2019_2020 : Supply, conveyance, installation, testing and commissioning of 40KVA/32KW D.G. set incorporating "CUMINS" Model X3 TAA-G2 Diesel Engine developing 56BHP at 1500rpm, Water cooled, 4cylinders, Coupled, Alternator rated at 32kw/40KVA, 415V, 50Hz, 0.8 P, mounted on a channel iron base frame complete with fuel tank, Battery, Manual control panel and other standard accessories with suitable CPCB approved factory assembled Acoustic enclosure.	1.0000	each			606343.0000	606343.00	INR Six Lakh Six Thousand Three Hundred & Forty Three Only
4.31	od75170/2019_2020 : Supply and providing 9 Litre capacity GI Fire Bucket painted in post office red with primer coat of red oxide and written with white paint 'FIRE' mounted on MS angle frame work/ wall bracket filled with fine sand, painting the bracket/ floor stand including making good the damages, colour washing etc. as required	2.0000	each			1306.0000	2612.00	INR Two Thousand Six Hundred & Twelve Only
4.32	od75175/2019_2020 : Supply and providing following sizes of 'B' Class MS pipe with specials and flanged coupling in each full length of pipe, as additional exhaust piping, fixing the same firmly to the building / structure using necessary supports, such as angle iron, MS clamp etc., painting the pipe and accessories with synthetic enamel paint over a coat of zinc chromate primer etc. as required. 100 mm dia or nearest size 'B' Class MS pipe	6.0000	per metre			1679.0000	10074.00	INR Ten Thousand & Seventy Four Only
4.33	od75177/2019_2020 : Supply and providing 9 Litre capacity GI Fire Bucket painted in post office red with primer coat of red oxide and written with white paint 'FIRE' mounted on MS angle frame work/ wall bracket filled with fine sand, painting the bracket/ floor stand including making good the damages, colour washing etc. as required. (MFR)	2.0000	each			1306.0000	2612.00	INR Two Thousand Six Hundred & Twelve Only

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4.34	od75188/2019_2020 : Supply, installation, testing and commissioning of Solar LED lighting System with following accessories. (a) Luminaire :- 1No 45W LED IP 65 street light luminaire with epoxy powder coated pressure die cast alu. housing with weather proof gasket and heat resistant toughened glass cover, 100ah lithium battery, 250W solar panel, battery box, charge controller with auto switch built in for dusk to dawn operation having protection against short circuit & lightning with mounting bracket suitable to fix on tubular pole	7.0000	each			4664.0000	32648.00	INR Thirty Two Thousand Six Hundred & Forty Eight Only
4.35	od75193/2019_2020 : Supply and installation 7M long single arm galvanised octagonal pole with 22x200x12mm base plate, 4nos. 20mm dia 600mm foundation bolt, space for mounting control switch box with inspection type door at bottom, including fixing smart pack junction box with 6A SP MCB and stud terminal inside pole etc. complete (Bajaj BOP7030/Equivalent	7.0000	each			4664.0000	32648.00	INR Thirty Two Thousand Six Hundred & Forty Eight Only
4.36	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	5.0000	point			933.0000	4665.00	INR Four Thousand Six Hundred & Sixty Five Only
4.37	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	10.0000	metre			466.0000	4660.00	INR Four Thousand Six Hundred & Sixty Only
4.38	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).	1.0000	each			933.0000	933.00	INR Nine Hundred & Thirty Three Only
4.39	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	1.0000	each			933.0000	933.00	INR Nine Hundred & Thirty Three Only

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4.4	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					466.0000	4660.00	INR Four Thousand Six Hundred & Sixty Only
4.41	90.3.19.3 : Supply conveyance, installation, testing and commissioning the light fittings of following types made from CRCA sheet 0.5mm thickness with all accessories and lamps directly on wall and giving connections with 16/0.20 mm 3 core PVC insulated and sheathed round copper conductor flex wire or extending the original wiring and giving connections as required	5.0000	each					933.0000	4665.00	INR Four Thousand Six Hundred & Sixty Five Only
5	Appendix E - Mechanical Works. E1 -Fabrication, Supply, Erection and assembling of MS & SS EMBEDDED									
5.01	85.101 : Supply of MS plates conforming to IS 2062GrB including cost of conveyance charges	7936.5050	kg					61.0000	484126.81	INR Four Lakh Eighty Four Thousand One Hundred & Twenty Six and Paise Eighty Only
5.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC conforming to IS2062GrA/B including cost of conveyance charges	4073.3090	kg					62.0000	252545.16	INR Two Lakh Fifty Two Thousand Five Hundred & Forty Five and Paise Sixteen Only
5.03	85.107 : Supply of MS round bar including cost of conveyance charges	871.7230	kg					60.0000	52303.38	INR Fifty Two Thousand Three Hundred & Three and Paise Thirty Eight Only
5.04	od81174/2019_2020 : Supply of Bolt and Nut up to 300mm Length including cost of conveyance.	58.4640	kg					79.0000	4618.66	INR Four Thousand Six Hundred & Eighteen and Paise Sixty Six Only
5.05	85.108 : Fabrication, erection and commissioning of Structural steel Embedded parts in IS2062 Grade and accessories as per approved specifications, drawings and directions of dept officer at site including cost of labour , machinery , incidental and handling charges etc. complete but excluding cost of material already	12902.9690	kg					65.0000	838692.99	INR Eight Lakh Thirty Eight Thousand Six Hundred & Ninety Two and Paise Ninety Eight Only

FOSWEMBED INFRASTRUCTURE PVT. LTD.

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5.06	od81187/2019_2020 : 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 deptl officer at site including cost of all materials,labour,machinery for planing, welding, shearing, grinding etc,lead and lift, conveyance, incidental and handling etc complete Rate analysis SS Embedded parts 2.60ll	1495.3520	kg			448.0000		669917.70	INR Six Lakh Sixty Nine Thousand Nine Hundred & Seventeen and Paise Seventy Only
6	E2 - Supply of materials, fabrication, painting and erection of MS REGULATING GATES.								
6.01	85.101 : Supply of MS plates confirming to IS 2062GrB including cost of conveyance charges	75173.2480	kg			61.0000		4585568.13	INR Forty Five Lakh Eighty Five Thousand Five Hundred & Sixty Eight and Paise Thirteen Only
6.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC confirming to IS2062GrA/B including cost of conveyance charges	1882.6350	kg			62.0000		116723.37	INR One Lakh Sixteen Thousand Seven Hundred & Twenty Three and Paise Thirty Seven Only
6.03	85.107 : Supply of MS round bar including cost of conveyance charges	43.1030	kg			60.0000		2586.18	INR Two Thousand Five Hundred & Eighty Six and Paise Eighteen Only
6.04	od81174/2019_2020 : Supply of Bolt and Nut up to 300mm Length including cost of conveyance.	105.6970	kg			79.0000		8350.06	INR Eight Thousand Three Hundred & Fifty and Paise Six Only
6.05	85.110 : Fabrication and supply of Structural steel wheel gate and accessories as per approved specifications, drawings and directions of deptl 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	77134.3780	kg			54.0000		4165256.41	INR Forty One Lakh Sixty Five Thousand Two Hundred & Fifty Six and Paise Forty One Only

For INFAB INFRASTRUCTURE PVT. LTD.

Director

DIRECTOR

Managing Director

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Kerala Irrigation Infrastructure Development Corporation Ltd.
Thiruvananthapuram - 095024

6.06	85.112 : Painting all the exposed surfaces of the gate and embedded parts with two coats of epoxy coal tar black paint confirming 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	1777.5400	sqm	766.0000	1359818.10	INR Thirteen Lakh Fifty Nine Thousand Eight Hundred & Eighteen and Paise Ten Only
6.07	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	77098.9860	kg	6.0000	462593.92	INR Four Lakh Sixty Two Thousand Five Hundred & Ninety Three and Paise Ninety Two Only
6.08	og81388/2019_2020 : Supply and stacking of dia 8mm SS-304 chain, including cost of materials,
conveyance etc. complete
dia 8mm SS-304 chain for Dogging beam	16.0000	metre	933.0000	14928.00	INR Fourteen Thousand Nine Hundred & Twenty Eight Only
7						
7.01	E3 -Supplying and fixing of RUBBER SEALS and RUBBER PAD for JOINT OF GATE 85.116 : Supplying and fixing in correct position with specified initial interface the flat type rubber seal confirming 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	153.9840	metre	1679.0000	258539.14	INR Two Lakh Fifty Eight Thousand Five Hundred & Thirty Nine and Paise Fourteen Only
7.02	85.118 : Supplying and fixing in correct position with specified initial interface L-type / bulb nose rubber seal confirming 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	37.2240	metre	2612.0000	97229.09	INR Ninety Seven Thousand Two Hundred & Twenty Nine and Paise Nine Only
8						

For INFAB INFRASTRUCTURE PVT. LTD.

E4 - Supplying and fixing of ROLLER ASSEMBLY

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8.01	od81433/2019_2020 : SUPPLYING and FIXING CAST STEEL THRUST ROLLER ASSEMBLY for VERTICAL LIFT GATE having 300mm Dia, 100mm tread width, SS(304) shaft and 22218E 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
Rate analysis for Thrust roller -2	32.0000	no			39179.0000	1253728.00	INR Twelve Lakh Fifty Three Thousand Seven Hundred & Twenty Eight Only
9								
	E5 -Supply of materials, fabrication, painting and erection of HOSTING BRIDGE, COVERS and FRAMES of DRIVING UNITS &am							
9.01	85.101 : Supply of MS plates conforming to IS 2062GrB including cost of conveyance charges	27929.2360	kg			61.0000	1703683.40	INR Seventeen Lakh Three Thousand Six Hundred & Eighty Three and Paise Forty Only
9.02	85.102 : Supply of MS Tees, Angles, Joists, ISMB, ISMC conforming to IS2062GrA/B including cost of conveyance charges	11745.3630	kg			62.0000	728212.51	INR Seven Lakh Twenty Eight Thousand Two Hundred & Twelve and Paise Fifty One Only
9.03	85.107 : Supply of MS round bar including cost of conveyance charges	261.0730	kg			60.0000	15664.38	INR Fifteen Thousand Six Hundred & Sixty Four and Paise Thirty Eight Only
9.04	85.103 : Supply of MS chequered plates including cost of conveyance charges	6232.7790	kg			68.0000	423828.97	INR Four Lakh Twenty Three Thousand Eight Hundred & Twenty Eight and Paise Ninety Seven Only
9.05	od81439/2019_2020 : Supply of G.I. pipes 32 mm dia	148.1500	metre			261.0000	38667.15	INR Thirty Eight Thousand Six Hundred & Sixty Seven and Paise Fifteen Only
9.06	od81440/2019_2020 : Supply of MS Bolts and Nuts	260.0580	kg			79.0000	20544.58	INR Twenty Thousand Five Hundred & Forty Four and Paise Fifty Eight Only

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9.07	85.124 : Fabrication and supply of Hoisting bridge unit in structural steel conforming to IS2062Gr Including ladder, covers for hoisting unit etc as per approved specifications, drawings and directions of dept 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	46226.7710	kg	51.0000	2357565.32	INR Twenty Three Lakh Fifty Seven Thousand Five Hundred & Sixty Five and Paise Thirty Two Only
9.08	od81443/2019_2020 : Painting all the exposed surfaces 2 coats of enamel paint over 1 coat of zinchromate 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.
Enamel Paint with Grit Blasting	1394.4340	sqm	420.0000	585662.28	INR Five Lakh Eighty Five Thousand Six Hundred & Sixty Two and Paise Twenty Eight Only
9.09	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	46487.2690	kg	3.0000	139461.81	INR One Lakh Thirty Nine Thousand Four Hundred & Sixty One and Paise Eighty One Only
10	E6 -Supplying, stacking, erecting and trial run of ROPE DRUM HOISTING UNIT and its ACCESSORIES					
10.01	85.128 : Providing Line shaft ,material : MS rolled/ forged steel	1155.2250	kg	75.0000	86641.88	INR Eighty Six Thousand Six Hundred & Forty One and Paise Eighty Eight Only
10.02	oc81481/2019_2020 : supply of PLUMMER BLOCK SNA 513TC to Suit for 60mm dia Line Shaft with 1213 EK Bearing + H213 adapter sleeve	16.0000	no	933.0000	14928.00	INR Fourteen Thousand Nine Hundred & Twenty Eight Only
10.03	od81447/2019_2020 : Cost of SUPPLYING and STACKING of WIRE ROPE Dia 22mm, 6/36 construction R H lay Ungalvanized, Main Fibre Core UTS 180Kg/MM2 Having Breaking Load=28848Kg Conforming to IS:2266-2002
Wire, rope Dia	480.0000	metre	420.0000	201600.00	INR Two Lakh One Thousand Six Hundred Only

For ANAB INFRASTRUCTURE PVT. LTD.

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DIRECTOR

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Managing Director
Kerala Irrigation Infrastructure
Development Corporation Ltd.

10.04	od81449/2019_2020 : SUPPLYING and STACKING of 30 TONNE capacity ROPE DRUM HOIST UNIT having 8m lift at a hoisting speed of about 0.38m/min(+/-10%) through pulley arrangements with 4 numbers of falls on either side with 22mm tested ungalvanized wire rope 6/36 construction, fibre core having breaking capacity 28848Kg and driven by TEEC 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 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	4.0000	set			839552.0000	3358208.00	INR Thirty Three Lakh Fifty Eight Thousand Two Hundred & Eight Only
10.05	od81490/2019_2020 : Providing DIAL ASSEMBLY	4.0000	set			25187.0000	100748.00	INR One Lakh Seven Hundred & Forty Eight Only
10.06	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	4.0000	no			41978.0000	167912.00	INR One Lakh Sixty Seven Thousand Nine Hundred & Twelve Only
10.07	85.135 : Conveying and Fixing wire rope already supplied to the new gates and Hoisting unit safely and conducting Trial run	4.0000	set			4664.0000	18656.00	INR Eighteen Thousand Six Hundred & Fifty Six Only
Total in Figures							97965435.62	INR Nine Crore Seventy Nine Lakh Sixty Five
Quoted Rate in Words		INR Nine Crore Seventy Nine Lakh Sixty Five Thousand Four Hundred & Thirty Five and Paise Sixty						

For INFAB INFRASTRUCTURE PVT. LTD.

Prigay Joseph

DIRECTOR

OM
Managing Director

Kerala Irrigation Infrastructure
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Thiruvananthapuram - 695024