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AGREEMENT NO.354/ KIIDC/2022-23 DATED 19.10.2022

CONTRACT AGREEMENT entered into on this 19th day of October Two Thousand Twenty Two between Sri. Joseph R.V, Rathappulliyil House, Kattayad P.O, Vellamunda, Wayanad-670 731, Kerala (hereinafter called the contractor) on the one part and the 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 for and on behalf of the Company (hereinafter called the Company) on the other part for the work “Eco Tourism Development at Pazhassi Dam and Surroundings Area, Padiyoor” 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.

Joseph R.V. [Signature]

[Signature]

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

18/10/2022

11078

Value Rs. 20000

Sold to. Joseph R.v Rathapulliyil vellamunda.

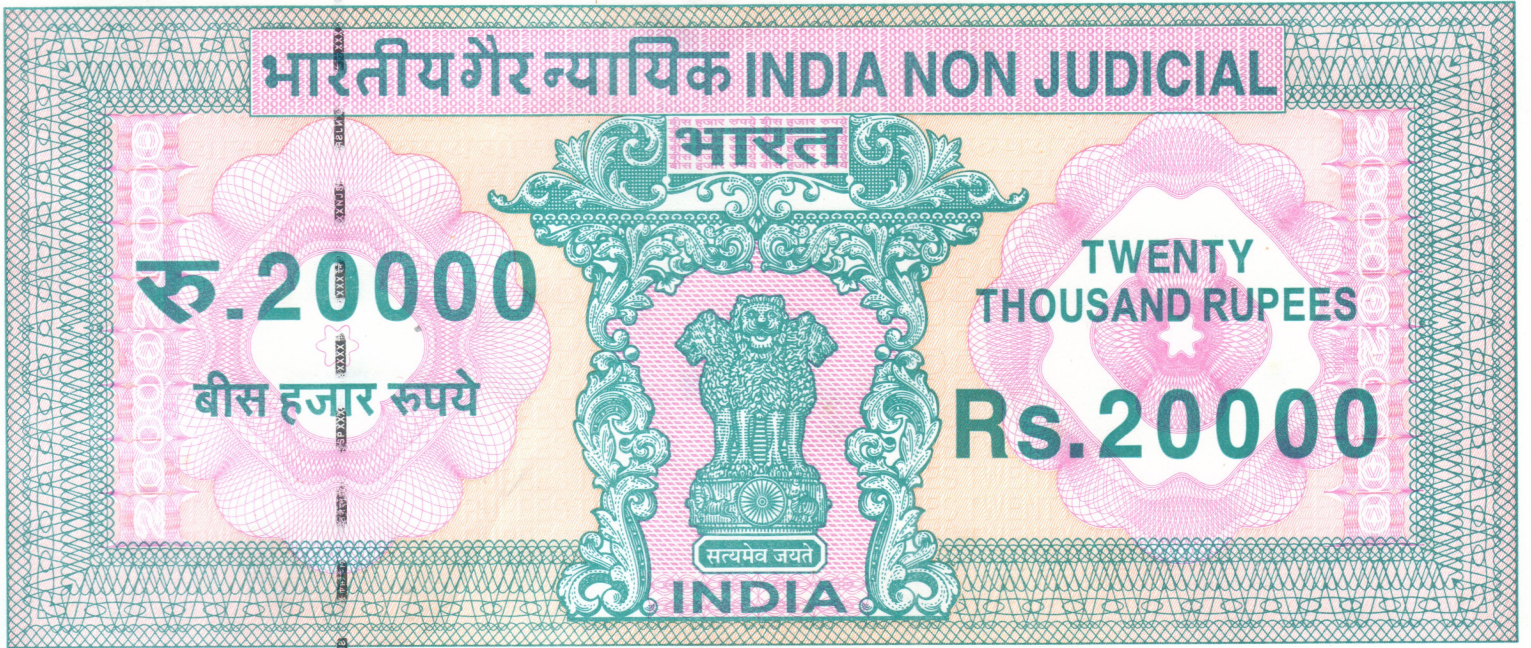
Demodaran, C. N

Sub Register

Stamp Vender.

[Signature]





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Signed and delivered by the above mentioned Sri. Joseph R.V,
Rathappulliyil House, Kattayad P.O, Vellamunda, Wayanad-670 731,
Kerala.

Samuel A.

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

Joseph R.V.
Contractor

In the presence of:

1. *Ancy Samuel*
OA/DTP operator *Am*
KIIDC
2. *Kumar S*
Kumar S
KIIDC

Date 18/10/2022

No. 11079

Value Rs. 20000

Sold to, Joseph R.V Rathapulliyil vellamunda.

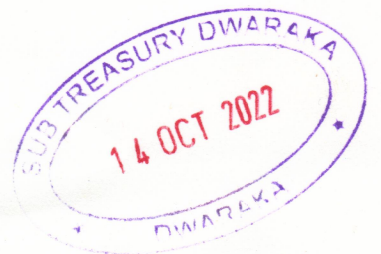
Damodaran, G. M.

Sub Register Office

Stamp Vendor

Thiruvananthapuram

[Signature]



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.

Parvathy

Chief Engineer,
Kerala Irrigation Infrastructure Development
Corporation Limited
(for and on behalf of the Company)

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

In the presence of:-

1. *Kumar.S, Kumar.S*

2.

Joseph P.V. J

MEMORANDUM OF WORK TENDERED

Name of work	“Eco Tourism Development at Pazhassi Dam and Surroundings Area, Padiyoor”
Estimate P.A.C	Rs. 4,50,29,880/-
Contract P.A.C	Rs. 3,99,91,828.23
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. 6,00,000/- JL 0085497 dated 18.10..2022 for 79 months. Bank guarantee for an amount of Rs. 5,99,900/- having guarantee no 0605BG000012022 , Expiry date :- 13.06.2029, Last date for lodgment of claim- 13.06.2030.
Additional Performance Guarantee	Bank guarantee for an amount of Rs. 13,77,014/- having guarantee no 0605BG000022022 , Expiry date :- 13.06.2024, Last date for lodgment of claim- 13.06.2025.

Joseph R.V. J
Contractor

Allexand

Chief Engineer
KIIDC Limited

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

FORM OF NOMINATION

I, I, R. V. Joseph, Rathappulliyil House, Kattayad P.O, Vellamunda, Wayanad do hereby nominate and authorize Joby Joseph, Rathappulliyil House, Kattayad P.O, Vellamunda, Wayanad to receive all or any sum found due to me under the terms of contract (Agreement No.354/KIIDC/ 2022-23 dated10.2022) and details of contract in the event of my death before the amount has become payable or having become but has become payable or having become payable but has not been paid.

Signature





Name:


Joseph R.V.

Address:

Rathappulliyil (CH)
Kattayad P.O.
Vellamunda, Wayanad
670731

In the presence of witness:

1. Ancy Samuel 
KIIDC
2. Kumares 



Chief Engineer,
KIIDC Limited
Thiruvananthapuram

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

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Item Rate BoQ

Tender Inviting Authority: KERALA IRRIGATION INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED

Work Name : Ecoplanet Padiyoor Pazhassi

Contract No: KIIDC/Tender/452/2022-23

Bidder Name : JOSEPH.RV

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)

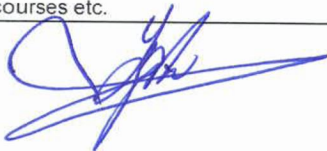
NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	13	53	55
1	Road work						
1.01	16.1 : Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres.	9190.0000	sqm		150.0000	1378500.00	INR Thirteen Lakh Seventy Eight Thousand Five Hundred Only
1.02	16.78.3 : Construction of granular sub-base by Providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, Carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade - III (size range 26.5 mm to 0.075 mm) having CBR Value - 20	1123.5000	cum		2300.0000	2584050.00	INR Twenty Five Lakh Eighty Four Thousand & Fifty Only

Chief Engineer
Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695 011

1.03	16.79 : Providing , laying spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub - base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer - in- Charge.	1123.5000	cum		2500.0000	2808750.00	INR Twenty Eight Lakh Eight Thousand Seven Hundred & Fifty Only
1.04	51.16.PC.1pb : Primer Coat - Bitumen Emulsion (SS-1) - Using Packed Bitumen Rates Providing and applying primer coat with bitumen emulsion (SS-1) 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 as per Technical Specification Clause 502 (low porosity).	8100.0000	sqm		80.0000	648000.00	INR Six Lakh Forty Eight Thousand Only
1.05	od155990/2022_2023 : 2.5 cm premix carpet surfacing with 2.25 cum and 1.12 cum of stone chippings of 13.2 mm and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately): With paving Asphalt grade VG - 10 heated and then mixed with solvent at the rate of 70 grams per kg of asphalt (DSR ITEM NO.16.33.1)	8100.0000	sqm		237.0000	1919700.00	INR Nineteen Lakh Nineteen Thousand Seven Hundred Only
1.06	51.16.31.1.2 : Tack Coat - RS Bitumen Emulsion - On bituminous surface @ 0.25 kg /sqm Providing and applying tack coat using bitumen emulsion conforming to IS : 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. 1. With Rapid Setting Bitumen Emulsion 2. On bituminous surface @ 0.25 kg /sqm	8100.0000	sqm		13.0000	105300.00	INR One Lakh Five Thousand Three Hundred Only
1.07	od155995/2022_2023 : Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG -10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.(DSR ITEM NO 16.40)	8100.0000	sqm		93.0000	753300.00	INR Seven Lakh Fifty Three Thousand Three Hundred Only




1.08	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	6400.0000	sqm		13.5000	86400.00	INR Eighty Six Thousand Four Hundred Only
1.09	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	70.0000	each		450.0000	31500.00	INR Thirty One Thousand Five Hundred Only
1.1	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	30.0000	each		1780.0000	53400.00	INR Fifty Three Thousand Four Hundred Only
1.11	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	2643.6010	cum		265.0000	700554.27	INR Seven Lakh Five Hundred & Fifty Four and Paise Twenty Seven Only
1.12	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. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation 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.	1144.0000	cum		232.0000	265408.00	INR Two Lakh Sixty Five Thousand Four Hundred & Eight Only
1.13	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)	104.4750	cum		6100.0000	637297.50	INR Six Lakh Thirty Seven Thousand Two Hundred & Ninety Seven and Paise Fifty Only
1.14	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete	2024.1020	sqm		300.0000	607230.60	INR Six Lakh Seven Thousand Two Hundred & Thirty and Paise Sixty Only
1.15	5.9.2 : Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	525.0000	sqm		640.0000	336000.00	INR Three Lakh Thirty Six Thousand Only



Kerala Infrastructure Development Fund
 Thiruvananthapuram - 695024
 Cleared

1.16	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	401.2500	cum		7300.0000	2929125.00	INR Twenty Nine Lakh Twenty Nine Thousand One Hundred & Twenty Five Only
1.17	od88735/2022_2023 : Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge.
All work upto plinth level. Specification vide 5.33.1 of DAR	75.9220	cum		7900.0000	599783.80	INR Five Lakh Ninety Nine Thousand Seven Hundred & Eighty Three and Paise Eighty Only
1.18	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	40600.0000	kilogram		85.0000	3451000.00	INR Thirty Four Lakh Fifty One Thousand Only
1.19	16.69 : Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand) , including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-Charge)	103.5000	cum		8500.0000	879750.00	INR Eight Lakh Seventy Nine Thousand Seven Hundred & Fifty Only
1.2	15.34.2 : Dismantling and stacking with in 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of :R.C.C.	600.0000	each		192.0000	115200.00	INR One Lakh Fifteen Thousand Two Hundred Only
1.21	15.36 : Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.	10200.0000	kg		28.0000	285600.00	INR Two Lakh Eighty Five Thousand Six Hundred Only
1.22	od97448/2022_2023 : Shifting of HT pole to the side of walkway and road rate including application fee, processing charge, all taxes etc.complete(payment as per demand notice from KSEB))	40.0000	each		15000.0000	600000.00	INR Six Lakh Only
2	Restaurant, Wooden Deck Entrance Gate						



Accepted

2.01	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	67.4210	cum		192.0000	12944.83	INR Twelve Thousand Nine Hundred & Forty Four and Paise Eighty Three Only
2.02	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)	10.6810	cum		6100.0000	65154.10	INR Sixty Five Thousand One Hundred & Fifty Four and Paise Ten Only
2.03	5.9.1 : Centering and shuttering including strutting, etc. and removal of form for:Foundations, footings, bases of columns, etc for mass concrete	185.0040	sqm		298.0000	55131.19	INR Fifty Five Thousand One Hundred & Thirty One and Paise Nineteen Only
2.04	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	32.0000	sqm		579.0000	18528.00	INR Eighteen Thousand Five Hundred & Twenty Eight Only
2.05	5.9.6 : Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	84.8420	sqm		770.0000	65328.34	INR Sixty Five Thousand Three Hundred & Twenty Eight and Paise Thirty Four Only
2.06	5.33.1 : Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer - in-charge. Note:- Cement content considered in this item is @ 330 kg/ cum. Excess or less cement used as per design mix is payable or recoverable separately.All work upto plinth level	31.5890	cum		8390.0000	265031.71	INR Two Lakh Sixty Five Thousand & Thirty One and Paise Seventy One Only
2.07	5.22A.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete above plinth level.Thermo - Mechanically Treated bars of grade Fe-500D or more	1840.0000	kg		88.0000	161920.00	INR One Lakh Sixty One Thousand Nine Hundred & Twenty Only
2.08	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	15075.0000	kg		166.0000	2502450.00	INR Twenty Five Lakh Two Thousand Four Hundred & Fifty Only



Devaraj & Company
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Devaraj


2.09	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	1800.0000	sqm		199.0000	358200.00	INR Three Lakh Fifty Eight Thousand Two Hundred Only
2.1	10.1 : Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	16800.0000	kilogram		92.0000	1545600.00	INR Fifteen Lakh Forty Five Thousand Six Hundred Only
2.11	26.50.2 : Providing and fixing in position factory made non asbestos fibre reinforced aerated cement sandwich wall/roof/floor light weight solid core panels made of light weight cement concrete core composed of OPC cement, pulverized flyash, quick lime, cotton pulp & Gypsum in mortar state mixed with aeration agent in a preset mould. The outer face on both sides of the panels will be non asbestos fibre cement board confirming to IS 14862:2000. These solid wall panels are installed using Galvanized iron steel tracks/C channel of 1mm thick of required sizes as recommended by manufacturer's and fixed to floor and RCC soffit in plumb to each other with steel screw/fasteners. The panel shall be fixed vertically with tongue & groove joint with cement based polymer modified jointing compound. The exposed surface finished with fibre mesh/glass fibre tape with polymer based jointing compound having superior flexibility. Panels should be used as floor & roofing with additional structural support, steel or RCC depending upon the design. All the operation shall be completed in all respect as per drawings, Manufacturers specifications and under the overall direction of Engineer-in-Charge (Cost of all the material is included except "tracks/C	70.0000	sqm		1700.0000	119000.00	INR One Lakh Nineteen Thousand Only




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

2.12	9.147E.2 : Providing and fixing factory made uPVC white colour sliding glazed window above 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads, uPVC extruded interlocks and uPVC extruded Inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle on one side of extreme panel along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) touch lock with hook (if required for wire mesh panel), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing	16.0000	sqm		6900.0000	110400.00	INR One Lakh Ten Thousand Four Hundred Only
2.13	od97460/2022_2023 : Roofing with tensile membrane structure with heavy duty MS channels and structural steel plate including all fittings like fasteners, steel wire rope ,shackles (all galvanised) painted all with high quality Epoxy 3 coat. Roof fabric with FERRARI-FRANCE -700 dust repellent finish UV resistant antifungal PVDF coated (M2 flame retardancy BS7837) including all charges etc complete.	335.0000	sqm		10950.0000	3668250.00	INR Thirty Six Lakh Sixty Eight Thousand Two Hundred & Fifty Only
2.14	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.	4500.0000	kg		107.0000	481500.00	INR Four Lakh Eighty One Thousand Five Hundred Only




 Development Corporation Ltd.
 Thiruvananthapuram - 695024

2.15	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.	70.0000	sqm		1575.0000	110250.00	INR One Lakh Ten Thousand Two Hundred & Fifty Only
2.16	od97995/2022_2023 : supplying and fixing of 10mm toughened glass with patch and suitable accessories, on the top of the glass etching sticker including conveyance, labour etc. complete	190.0000	sqm		7100.0000	1349000.00	INR Thirteen Lakh Forty Nine Thousand Only
2.17	od98009/2022_2023 : Providing and laying rough finish granite stone (sadarhalli) flooring in required design and pattern (90x50 cm or nearest) in linear as well as curvilinear all complete as per the architectural drawing with 50mm thick stone slab over 50mm thick base of sand etc. complete as specified and as directed by the engineer in charge	450.0000	sqm		2600.0000	1170000.00	INR Eleven Lakh Seventy Thousand Only
2.18	9.40.2.2 : Kiln seasoned and chemically treated hollock wood 50x20 mm	2450.0000	metre		200.0000	490000.00	INR Four Lakh Ninety Thousand Only
3	Toilet block and Sanitary						
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	12.0750	cum		193.0000	2330.48	INR Two Thousand Three Hundred & Thirty and Paise Forty Seven 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)	1.7260	cum		6100.0000	10528.60	INR Ten Thousand Five Hundred & Twenty Eight and Paise Sixty Only
3.03	5.9.5 : Centering and shuttering including strutting, etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers	50.0000	sqm		582.0000	29100.00	INR Twenty Nine Thousand One Hundred Only
3.04	5.9.3 : Centering and shuttering including strutting, etc. and removal of form for: Suspended floors, roofs, landings, balconies and access platform	50.0000	sqm		727.0000	36350.00	INR Thirty Six Thousand Three Hundred & Fifty Only
3.05	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	1.2160	cum		8100.0000	9849.60	INR Nine Thousand Eight Hundred & Forty Nine and Paise Sixty Only



Kerala Irrigation Infrastructure
Development Corporation Ltd.
Thiruvananthapuram - 695024

Approved

3.06	5.22.6 : Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	550.0000	kilogram		88.0000	48400.00	INR Forty Eight Thousand Four Hundred 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)	6.2100	cum		6410.0000	39806.10	INR Thirty Nine Thousand Eight Hundred & Six and Paise Ten Only
3.08	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.Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation 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.	9.0000	cum		231.0000	2079.00	INR Two Thousand &Seventy Nine Only
3.09	od115706/2022_2023 : Laterate masonry with neatly dressed laterate stone of size 40x20x15cm or nearest size in cement mortar 1:6 for foundation and basement including all cost of materials, labour charges etc.	18.9030	sqm		985.0000	18619.46	INR Eighteen Thousand Six Hundred & Nineteen and Paise Forty Five Only
3.1	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	800.0000	kg		151.0000	120800.00	INR One Lakh Twenty Thousand Eight Hundred Only
3.11	12.48 : Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately)	112.0000	sqm		342.0000	38304.00	INR Thirty Eight Thousand Three Hundred & Four Only
3.12	12.49 : Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	14.0000	metre		77.0000	1078.00	INR One Thousand &Seventy Eight Only
3.13	od115714/2022_2023 : Providing & fixing on roof pressed clay ceiling tiles (30 x 25) mm size of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately).
	36.0000	sqm		342.0000	12312.00	INR Twelve Thousand Three Hundred & Twelve Only



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3.14	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	83.7020	sqm		281.0000	23520.26	INR Twenty Three Thousand Five Hundred & Twenty and Paise Twenty Six Only
3.15	13.48.1 : Finishing with Deluxe Multi surface paint system for interiors and exteriors using primer as per manufacturers specifications:Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of special primer applied @ 0.75 ltr /10 sqm	71.4010	sqm		150.0000	10710.15	INR Ten Thousand Seven Hundred & Ten and Paise Fifteen Only
3.16	4.1.2 : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:1/2:3 (cement : 11/2 coarse sand : 3 graded stone aggregate 20 mm nominal size)	36.0000	cum		7600.0000	273600.00	INR Two Lakh Seventy Three Thousand Six Hundred Only
3.17	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.	36.0000	sqm		972.0000	34992.00	INR Thirty Four Thousand Nine Hundred & Ninety Two Only
3.18	od119468/2022_2023 : Supply and fix fully finished Pre Hung Door:- Both side HP Laminate vertical grain pattern Flush door with matching PVC wrapped WPC Jamb with front side Architrave other side tackers. Door of 35mm thick with 4 side edges painted / Lock Hole Boring (Using mortise lock)/ Hinge Rebate Cutting (4 Nos) ,Jamb width 100 mm. Latch with Lever handles without Keys SS finish - 1 No, Hinges 4" x 3" x 3mm SS finish - 4 Nos .Tower Bolt " SS Finish - 1 No.(Jacsons or Approved equivalent)	18.9010	sqm of door area		8250.0000	155933.25	INR One Lakh Fifty Five Thousand Nine Hundred & Thirty Three and Paise Twenty Five Only
3.19	50.18.7.2.2 : 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 20 mm dia 10 Kg/cm2- Internal work - Exposed on wall	100.0000	metre		220.0000	22000.00	INR Twenty Two Thousand Only
3.2	50.18.7.4.2 : 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 32 mm dia 6 Kg/cm2 - internal work- Exposed on wall	75.0000	metre		273.0000	20475.00	INR Twenty Thousand Four Hundred & Seventy Five Only

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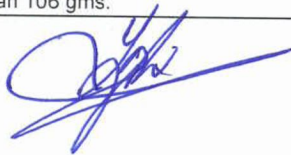
3.21	50.18.8.7.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work including cutting chases and making good the wall etc. 63 mm pipe 6 Kg/cm ²	30.0000	metre		545.0000	16350.00	INR Sixteen Thousand Three Hundred & Fifty Only
3.22	50.18.8.8.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 75 mm pipe 6 Kg/cm ²	30.0000	metre		560.0000	16800.00	INR Sixteen Thousand Eight Hundred Only
3.23	50.18.8.9.1 : Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chased and making good the wall etc. 110 mm pipe 6kg/cm ²	75.0000	metre		647.0000	48525.00	INR Forty Eight Thousand Five Hundred & Twenty Five Only
3.24	50.18.9.19.1 : Providing and fixing PVC pipes including fixing the pipe with clamps/ clips/ at 1.00 m spacing . This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge 110 mm dia 6 Kg/cm ² - External work- Exposed on wall	70.0000	metre		345.0000	24150.00	INR Twenty Four Thousand One Hundred & Fifty Only
3.25	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 Kg/cm ² - Internal work- Exposed on wall	100.0000	metre		335.0000	33500.00	INR Thirty Three Thousand Five Hundred Only
3.26	17.1.1 : Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C. flushing cistern, including flush pipe, manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	4.0000	each		5700.0000	22800.00	INR Twenty Two Thousand Eight Hundred Only



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Clearance

3.27	od115729/2022_2023 : Providing and fixing wall mounting European water closet with seat cover (white colour), seat cover& slim concealed cistern , installation kit and drain pipe connection set for wall hung WC including control plate moon design all chrome or equivalent of approved shape with &P’ trape. of removable soft matching seat cover , fixing of the above closet with stainless steel rack bolt (seam bolt) white cap etc. complete with supply of brass pan connectors, noise reduction gasket and necessary fasteners. Providing water and soil connections to the closet, together with cutting and making good the walls and floors wherever required, quality and brand as approved by the consultant, etc. complete. Providing and fixing WC-connection socket with lip (Quality controlled in accordance with DIN)&br>Make: Kohler/ Equivalent (For rooms)&br>(OD Derived from 17.78)&br>	5.0000	each		19000.0000	95000.00	INR Ninety Five Thousand Only
3.28	17.4.1 : Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required:One urinal basin with 5 litre white P.V.C. automatic flushing cistern	5.0000	each		5220.0000	26100.00	INR Twenty Six Thousand One Hundred Only
3.29	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	4.0000	each		2985.0000	11940.00	INR Eleven Thousand Nine Hundred & Forty Only
3.3	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	15.0000	each		582.0000	8730.00	INR Eight Thousand Seven Hundred & Thirty Only
3.31	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	15.0000	each		125.0000	1875.00	INR One Thousand Eight Hundred & Seventy Five Only
3.32	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.	15.0000	each		140.0000	2100.00	INR Two Thousand One Hundred Only



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3.33	51.19.ST3 : Supplying and installing ready made PVC Septic tank including the cost of carriage, trenching, placing at the level below ground level as specified as per the direction of engineer in charge (Provision for CC/RCC/Sand/06mm aggregate for the preparation of bed shall be paid separately) 3. 25 to below 35 flush capacity	1.0000	each		24000.0000	24000.00	INR Twenty Four Thousand Only
4	ELECTRIFICATION						
4.01	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	100.0000	point		1150.0000	115000.00	INR One Lakh Fifteen Thousand Only
4.02	1.55.3 : Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.Group C	40.0000	point		650.0000	26000.00	INR Twenty Six Thousand Only
4.03	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 required2x1.5 sq.mm + 1x1.5 sq.mm earth wire	800.0000	metre		170.0000	136000.00	INR One Lakh Thirty Six Thousand Only
4.04	1.14.2 : 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 required2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	300.0000	metre		195.0000	58500.00	INR Fifty Eight Thousand Five Hundred Only
4.05	1.14.3 : 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 required2 X 4 sq. mm + 1 X 4 sq. mm earth wire	150.0000	metre		235.0000	35250.00	INR Thirty Five Thousand Two Hundred & Fifty Only
4.06	1.33 : Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden blockincluding connection etc as required.	8.0000	each		76.0000	608.00	INR Six Hundred & Eight Only
4.07	1.24.1 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.5/6 amps switch	10.0000	each		100.0000	1000.00	INR One Thousand Only




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4.08	1.24.3 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.15/16 amp switch	10.0000	each		153.0000	1530.00	INR One Thousand Five Hundred & Thirty Only
4.09	1.24.4 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.3 pin 5/6 amp socket outlet	10.0000	each		130.0000	1300.00	INR One Thousand Three Hundred Only
4.1	1.24.5 : Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	10.0000	each		204.0000	2040.00	INR Two Thousand & Forty Only
4.11	1.28.2 : Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	10.0000	each		150.0000	1500.00	INR One Thousand Five Hundred Only
4.12	1.28.4 : Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.6 Module	10.0000	each		195.0000	1950.00	INR One Thousand Nine Hundred & Fifty Only
4.13	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 cop.per conductor flex wire or extending the original wiring and giving connections as required 1200mm 1X20 W LED Lamp with box type fixture	5.0000	each		1220.0000	6100.00	INR Six Thousand One Hundred Only
4.14	od146892/2022_2023 : SITC of Decorative, wall mounting fixture, in durable plastic body & mesh in gold finish suitable for 9 W LED lamp. (Havells Glaze or equivalent)	20.0000	each		742.0000	14840.00	INR Fourteen Thousand Eight Hundred & Forty Only
4.15	od146900/2022_2023 : SITC of Ultra slim LED panels with inbuilt driver in PC body. Premium aesthetics with stepped ring bezel, recessed ceiling light, Ceiling cutout & 100 mm, height 25 mm, 6 W LED 3000 K. (Havells Fazer Neo LED Panel Round or equivalent)	12.0000	each		495.0000	5940.00	INR Five Thousand Nine Hundred & Forty Only
4.16	od146904/2022_2023 : Supply Conveyance, installation, testing and commissioning of Classic Morrocon round shaped hanging lamp (Home sake or equivalent)	3.0000	each		2210.0000	6630.00	INR Six Thousand Six Hundred & Thirty Only
4.17	od148145/2022_2023 : SITC of Rust Resistant and Weather-Proof Bulk head light fixture with 9W LED lamp, IP 65 protection complete with all other accessories as required.	10.0000	no		600.0000	6000.00	INR Six Thousand Only

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4.18	od146913/2022_2023 : Supply, installation , testing and commissioning of exhaust fans of size up to 450mm in the existing opening, fixing necessary anchor bolts / bolt and nuts etc., as required including giving connections with the supplied wire along with the exhaust fan.300/305mm light duty	14.0000	each		2045.0000	28630.00	INR Twenty Eight Thousand Six Hundred & Thirty Only
4.19	od146914/2022_2023 : Supply of 380mm heavy duty exhaust fan, 230V, AC	2.0000	each		2330.0000	4660.00	INR Four Thousand Six Hundred & Sixty Only
4.2	od148118/2022_2023 : suppling and fixing wall mounted fan , sweep size 400mm	22.0000	each		3150.0000	69300.00	INR Sixty Nine Thousand Three Hundred Only
4.21	2.4.1 : Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface / recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)4 way (4 + 12), Double door	1.0000	each		3600.0000	3600.00	INR Three Thousand Six Hundred Only
4.22	2.5.1 : Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCB's (but without MCB's and incomer) as required .(Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)4 way (4 + 12), Double door	1.0000	each		6635.0000	6635.00	INR Six Thousand Six Hundred & Thirty Five Only
4.23	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	40.0000	each		234.0000	9360.00	INR Nine Thousand Three Hundred & Sixty Only
4.24	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	1.0000	each		1285.0000	1285.00	INR One Thousand Two Hundred & Eighty Five Only
4.25	2.13.3 : Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.100 amps	1.0000	each		1230.0000	1230.00	INR One Thousand Two Hundred & Thirty Only





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4.26	2.14.3 : Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	2.0000	each		3100.0000	6200.00	INR Six Thousand Two Hundred Only
4.27	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.	1.0000	set		7300.0000	7300.00	INR Seven Thousand Three Hundred Only
4.28	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.	15.0000	metre		302.0000	4530.00	INR Four Thousand Five Hundred & Thirty Only
4.29	90.12.5.42 : Supply & laying of one number PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in the existing RCC/ HUME / STONE WARE/ GI/ DWC pipe as required. 4 core 25 sq mm.	30.0000	metre		297.0000	8910.00	INR Eight Thousand Nine Hundred & Ten Only
4.3	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 (8SWG)	50.0000	metre		98.0000	4900.00	INR Four Thousand Nine Hundred Only
4.31	9.2.30 : 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.4 X 25 sq. mm	15.0000	each		1560.0000	23400.00	INR Twenty Three Thousand Four Hundred Only
4.32	od147419/2022_2023 : Supply and fixing 32A, 4way connector in the existing junction box	80.0000	each		78.0000	6240.00	INR Six Thousand Two Hundred & Forty Only
4.33	od147420/2022_2023 : Supply and fitting167x125mmx82mm) Sintex cable junction box (on existing lamp post using suitable clamps.	79.0000	each		725.0000	57275.00	INR Fifty Seven Thousand Two Hundred & Seventy Five Only

cleared.

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Kerala PCCW Ltd
Development Department
Thiruvananthapuram

4.34	90.15.4.2 : Supply Conveyance, installation, testing and commissioning of 36/40W LED street light output greater than 105lumen/W 4000-6000 K with IP 66 protection LED Chip make Cree/Lumiled/Nichea with power factor greater than 0.95 at full load, internal surge protection up to 8 KV, and Aluminium pressure die-cast Powder coated housing, acrylic cover complete with THD less than 10%, power factor greater than 0.98, RoHS compliant, duly wired up for use on 230 V AC supply. Driver compartment should be seperatly accessible for maintenance (LM 79&80 certificates from NABL accredited Third party lab to be produced mentioning chip manufacturer)	80.0000	each		4615.0000	369200.00	INR Three Lakh Sixty Nine Thousand Two Hundred Only
4.35	90.12.1.3 : 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).	2400.0000	metre		400.0000	960000.00	INR Nine Lakh Sixty Thousand Only
4.36	90.12.2.3 : Supply and laying of one number additional PVC insulated and PVC sheathed armoured aluminium power cable of 1.1KV grade of the following sizes in ground in the same trench in one tier horizontal formation including widening the trench by 20 cm, refilling the trench etc. as required but excluding sand cushioning and protective covering (in ordinary soil) 2 core 10 sq mm.	2800.0000	metre		282.0000	789600.00	INR Seven Lakh Eighty Nine Thousand Six Hundred Only
4.37	90.12.7.3 : 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. 2 core 10 sqmm with factory made clamp	50.0000	metre		220.0000	11000.00	INR Eleven Thousand Only
4.38	90.12.9.2 : 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 50 / 38 mm or nearest size	2800.0000	metre		143.0000	400400.00	INR Four Lakh Four Hundred Only
4.39	90.12.9.10 : 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 160 / 135 mm or nearest size	2400.0000	metre		410.0000	984000.00	INR Nine Lakh Eighty Four Thousand Only




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4.4	90.16.1.3 : Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required 3.15 mm copper conductor (10 SWG)	3045.0000	metre		62.0000	188790.00	INR One Lakh Eighty Eight Thousand Seven Hundred & Ninety Only
4.41	9.1.2 : 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 10 sq. mm (19mm)	250.0000	set		232.0000	58000.00	INR Fifty Eight Thousand Only
Total in Figures						39991828.23	INR Three Crore Ninety Nine Lakh Ninety One
Quoted Rate in Words		INR Three Crore Ninety Nine Lakh Ninety One Thousand Eight Hundred & Twenty Eight and Paise					

Accepted.

Chief Engineer
Kerala Electricity Board
Thiruvananthapuram
2024