

**CONSTRUCTION OF SALES
BUILDING, CANOPY, DRIVEWAY &
OTHER ALLIED ELECTRICAL
WORKS AT LANKA IOC PLC "A"
SITE PETROL SHED M/S A.W.
DAVITH APPUHAMY & SONS,
KANDY.**

Tender No:	LIOC/ ENG/ PT-02/2025-26
Due Date & Time :	21.10.2025 @ 12:00 Hrs

PRICE BID



LANKA IOC PLC
LEVEL 20, WEST TOWER, WORLD TRADE CENTRE,
ECHELON SQUARE,
COLOMBO - 01
SRI LANKA

1. TENDER NUMBER : LIOC/ENG/PT-02/2025-26
2. NAME OF THE WORK : CONSTRUCTION OF CANOPY, SALES BUILDING , DRIVE WAY & OTHER ALLIED ELECTRICAL WORKS AT LANKA IOC PLC "A" SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY
3. COMPLETION OF TIME : 18 WEEKS
4. BID BOND :LKE 397,000/= BY DEMAND DRAFT ONLY
5. PRE BID MEETING : 07.10.2025 @11:00 HRS
6. DUE DATE & TIME : 21.10.2025@12:00 HRS
- 7.TENDER FEE: LKR 5000/- BY DEMAND DRAFT IN FAVOUR OF LANKA IOC PLC PAYABLE AT COLOMBO, IF DOWNLOADED FROM LANKA IOC WEBSITE TENDER FEE IS NOT APPLICABLE

SUMMARY

S/N	BILL NO	DESCRIPTION	AMOUNT (LKR)
1	Bill No A	PRILIMINARIES , DEMOLITION WORKS	762,238.86
2	Bill No B	MAIN CANOPY	9,192,409.08
3	Bill No C	SALES BUILDING	12,545,016.96
4	Bill No D	PLUMBING WORK	940,111.20
5	Bill No E	ELECTRICAL WORKS	3,577,251.00
6	Bill No F	MECHANICAL WORKS	565,068.60
7	Bill No G	EXTERNAL MISCELLENIOUS WORKS	4,382,579.16
8	Bill No H	LED CANOPY LIGHTS & ASSOCIATED ELECTRICAL WORKS	838,217.60
		TOTAL OF SCHEDULE OF WORKS	32,802,892.46
QUOTE RATE IN PERCENTAGE (%) ON THE ABOVE INDICATED ESTIMATED AMOUNT			
i	PLUS IN FIGURES		
	PLUS IN WORDS		
ii	MINUS IN FIGURES		
	MINUS IN WORDS		
iii	AT PAR		
iv	IF BIDDER IS SSCL APPLICABLE (APPLICABLE PERCENTAGE)		
v	IF BIDDER IS VAT APPLICABLE (APPLICABLE PERCENTAGE)		

NOTE FOR BIDDERS;

1. TENDERERS MUST QUOTE THEIR PERCENTAGE IN FIGURES AND WORDS ON THE ESTIMATED AMOUNT INDICATED IN APPROPRIATE SPACES PROVIDED ABOVE. IF ANY DEVIATION IN THE VALUE IN WORDS AND FIGURES, VALUE IN WORDS WILL BE CONSIDERED FOR EVALUATION
2. IN CASE THE TENDERERS QUOTE THE RATES/ PERCENTAGE AS "ZERO" THEN RATE QUOTED SHALL BE CONSIDERED AS **AT PAR** FOR ARRIVING AT THE POSITION IN THE TENDER.
3. SSCL/VAT APPLICABLE ON THE ABOVE AMOUNT AT PREVAILING PERCENTAGE SHALL BE REIMBURSED AT ACTUALS. SSCL IS CONSIDERED WITH THE SCHEDULED RATES FOR EVALUATION AND VAT IS SEPARATELY CONSIDERED

SIGNATURE OF TENDERER
SEAL

VICE PRESIDENT (ENGG)
LANKA IOC PLC



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SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
A	<u>PRILIMINARIES , DEMOLITION WORKS</u>				
A.1	PRILIMINARIES Temporary disconnection and making temporary arrangements for the supply of electricity, fuel lines, water, telephone, and other services when required for the service station to function during construction of the facility. Allow for constructing temporary Covering at Site. Allow for constructing temporary hut and temporary store room during the construction period.				
A.1.1	Priliminaries	1	ST	213,900.00	213,900.00
A.2	SITE CLEARANCE Clearing the site of all weeds, shrubs, bushes, grass and growth of upto 30 cms, measured at a height of 1 m above ground level and other obstructions etc. complete & disposing off the materials to an unobjectionable location irrespective of any lead and lift including filling the pits/hollows formed by removing the weeds, shrubs, etc. with approved selected earth, rolling the surface with hand roller, etc. as directed by LIOC.				
A.2.1	Site Clearance	560.00	M2	66.24	37,094.40
A.3	FELLING OF TREES Felling of trees of girth measured at a height of 1 m above ground level including cutting of trunks and branches, removing the roots and disposal of all materials and filling and compacting of earth. All complete as directed by Engineer-in-charge.				
A.3.1	Beyond 30 cm girth and upto 60 cm girth	2.00	EA	5,444.10	10,888.20
A.3.2	Beyond 60 cm girth and upto 120 cm girth	5.00	EA	8,771.28	43,856.40
A.3.3	Removing the roots by excavation of an already cut trees and backfilling	7.00	EA	8,067.48	56,472.36
A.4	DEMOLITION Demolish Permanent/Temporary Structures Demolish permanent / temporary following structures including foundations / Pavements & remove debris & materials from sites				
A.4.1	Demolition Sales Building & RCC Canopy	1.00	ST	82,800.00	82,800.00
A.4.2	Demolition Service Station with Hoist	1.00	ST	115,920.00	115,920.00
A.4.3	Demolition Concrete Ramp	1.00	ST	33,120.00	33,120.00
A.4.4	Demolition O/H Water Tank with structure	1.00	ST	33,120.00	33,120.00
A.4.5	Demolition Pump Island upto 2.0m	3.00	ST	8,280.00	24,840.00
A.4.6	Demolition Pump Island upto 5.0m	1.00	ST	15,180.00	15,180.00
A.4.7	Demolition Toilet & Septic tanks	1.00	ST	48,300.00	48,300.00
A.5	DISMANTLING ACCESSORIES (HOARDINGS/YARD LIGHTS)				
A.5.1	30'X10' Hoarding	2.00	EA	13,800.00	27,600.00
A.5.2	Yard light pole	3.00	EA	6,382.50	19,147.50
B	<u>MAIN CANOPY</u>				
B.1	STRUCTURAL DESIGN FOR CANOPY AND FALSE CEILING				



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SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
	Charges towards detailed fabrication drawings for structural Canopy including foundation, columns, rafters, trusses, perkins, angles, brassings, cleats, fastners, fals ceiling grid, etc. including bill of materials & specifications for the entire Canopy to be constructed. Entire design & drawings for the above to be duly certified by Chartered Structural Engineer & approval of LIOC to be obtained prior to commencement of work at Site; Rate to be quoted also to include two visits by the Chartered Structural Engineer as below: 1st Visit: Upon completion of fabrication & erection of Canopy Structure including Roofing & before commencement of false celing; 2nd Visit: Upon completion of entire Canopy works including false ceiling , erection of under canopy lights etc. & issuing of certificate of completion. This certificate shall be adressed directly to LIOC Note: The charges to be quoted includes design and BOM for the foundation of Canopy, structural canopy and false ceiling including obtaining approval of LIOC prior to commencement of work				
B.1.1	Structural drawings for canopies up to 200 Sqm	1.00	EA	110,400.00	110,400.00
B.2	EXCAVATION Excavation in all kinds of soil except rock. Rate to include necessary earth work supports,dewatering, including shoring if needed,backfilling and removing of any excess excavated materials from site to an unobjectionable place observing all environmental rules and regulations.				
B.2.1	Excavation up to 1.5m depth	64.00	M3	1,242.00	79,488.00
B.2.2	Excavation from 1.5m to 3 M	54.00	M3	1,555.26	83,984.04
B.3	EXCAVATION IN HARD ROCK BY CHISELING/ MECHANICAL EQUIPMENT Excavation for foundations, substructures, etc. to the specified depths below existing ground level, in hard rock by chiselling/ pneumatic drilling. Item includes de-watering, shoring,strutting, disposing excess excavated material outside the premises of LIOC at an unobjectionable place irrespective of lead etc as specified in detailed description. Backfilling shall be paid seperately. (The rate shall include dewatering of the excavated area till completion of all works upto ground level)				
B.3.1	Excavation in Hard Rock with cheiseling and mechanical means upto 1.5 M	27.00	M3	3,539.70	95,571.90
B.4	RANDOM RUBBLE MASONARY WORK Random rubble masonry work in cement sand mortar 1:5 in foundation				
B.4.1	Random Rubble masonry in foundation & superstructure	24.00	M3	14,216.76	341,202.24
B.5	ABC METAL FILLING Providing and laying ABC metal filling to a thickness of 200 mm average and consolidating by concrete rammer etc				
B.5.1	ABC Metal Filling	12.00	M3	6,258.30	75,099.60
B.6	STEEL REINFORCEMENT Providing, bending, laying, binding & fixing in position High Yield Tor Steel Bar and MS steel bar reinforcement conforming to BS 8110 Part 1 of approved make, including supplying & providing soft annealed wire used for binding at all levels and locations for RCC work with all leads & lifts				
B.6.1	Reinforcement 6 mm - 32mm dia. Bar and links	1,160.00	KG	303.60	352,176.00
B.7	CONCRETING				
B.7.1	PROVIDING & LAYING PCC USING MACHINE MIX CONCRETE (MMC) Providing and laying of plain cement concrete (PCC) of specified grade conforming to BS 8110 Part 1 for all works in foundation, plinth & superstructure. Item includes cost of all materials, mixing, pouring in position, compaction, curing, finishing etc complete as specified in detailed description. Form work shall be paid seperately (Rate Includes Dewatering)				
B.7.1.1	PCC 1:3:6 using 25mm nominal size aggregates (50mm thk)	28.00	M2	1,046.04	29,289.12



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B.7.1.2	PCC 1:2:4 using 20mm nominal size aggregates (G20)	3.00	M3	23,742.90	71,228.70
B.7.2	PROVIDING AND LAYING RCC USING RMC Providing & laying of reinforced cement concrete (RCC) of specified grade conforming to BS 8110 Part 1 using RMC.Item includes cost of all materials excluding steel reinforcement, mixing, pouring in position, compaction, formwork, scaffolding,curing, finishing etc complete as specified in detailed description.				
B.7.2.1	RMC of mix G 25 from approved source in foundations plinth, beams, columns, pedestals, walls, pilecaps etc - upto plinth level	18.00	M3	29,835.60	537,040.80
B.8	FORM WORK Approved type form work as per the specifications for foundation, Columns, Beams & slabs etc including deshuttering				
B.8.1	Form work	52.00	M2	2,911.80	151,413.60
B.9	FOUNDATION BOLTS FOR CANOPIES Supplying and fixing of foundation bolts of diameter as per design using Fe 460 grade steel with 100mm threading including nuts/ bolts/ washers etc as per drawing				
B.9.1	1000 mm long anchor bolts.	32.00	EA	3,691.50	118,128.00
B.10	STRUCTURAL STEEL WORK FOR CANOPY ROOF STRUCTURE Supply, fabrication, cutting, welding, erection of MS structural steel works comprising of beams/ channels/ angles/ lip channels/ rods/ rafters/ plates/ gussets etc as per approved drawings for Canopy & fascia framework for petrol sheds including mechanical cleaning of surface of structurals using power tool;Rate shall include for applying one under coat of zinc phosphate metal primer, one coat of micaceous iron oxide (MIO) paint with two coats of synthetic enamel gloss paint of approved colour & shade. The job includes providing and fixing all nuts/ bolts/ washers etc and no separate payment towards the same shall be made <i>Note: For measurement purpose, the roof ceiling plan area from edge to edge shall be considered for payment</i>				
B.10.1	Structural Steel Works at Canopy Roof structure	192.50	M2	13,913.16	2,678,283.30
B.10.2	Structural steel works for Fascia for Canopy	57.00	LM	2,994.60	170,692.20
B.11	STRUCTURAL STEEL WORKS FOR CANOPY COLUMNS Supply, fabrication, cutting, welding, erection of MS structural steel Columns comprising of channels/ angles/ flat bars/ rods/ plates etc as per complete details shown in relevent drgs. for columns/ baseplates/ gussets and all other places as required including mechanical cleaning of surface of structurals using power tool; Rate shall include for applying one under coat of zinc phosphate metal primer, one coat of micaceous iron oxide (MIO) paint with two coats of synthetic enamel gloss paint of approved colour & shade. The job includes providing and fixing all nuts/ bolts/ washers etc and no separate payment towards the same shall be made.				
B.11.1	Structural Steel Works for Canopy columns & similar structural works	3,000.00	KG	517.50	1,552,500.00
B.12	STEEL WORK FOR ROOFING OF CANOPIES				



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SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
	Supply,fabrication,fixing of Double Panel Strip False Ceiling using Zincalume High Tensile steel sheet (0.47 mm TCT with white/ivory colour bonding on visible side & electro plated on the other side) effective width of 150mm to 200mm (AZ-150, G550/G300); The framework for the false ceiling shall be made out of 25 mm x25 mm square tubes suspended from the roof using 8 mm dia thread bars neatly secured including levelling the false ceiling to required line and alignment; The structural frame of false ceiling with suspension shall be painted in one coat of zinc phosphate primer, one coat of MIO primer & two coats of synthetic enamel paint of approved colour and shade. The entire works shall be complete in all respects as per approved drawings. No separate payment towards fasteners like nuts/ bolts/ washers etc shall be made and rate quoted to include the same.				
B.12.1	Supplying and Laying ZINCALUME roofing sheet.	192.50	M2	3,422.40	658,812.00
B.12.2	Providing and fixing 500 mm wide 0.47 mm ZINCALUME sheet ridges	12.00	M	2,010.66	24,127.92
B.12.3	Sup & ins of ZINCALUME 600mm wide flashing	58.00	M	2,049.30	118,859.40
B.13	STEEL WORK - SUSPENDED FALSE CEILING FOR CANOPIES				
	Supply,fabrication,fixing of Double Panel Strip False Ceiling using Zincalume High Tensile steel sheet (0.47 mm TCT with white/ivory colour bonding on visible side & electro plated on the other side) effective width of 150mm to 200mm (AZ-150, G550/G300); The framework for the false ceiling shall be made out of 25 mm x25 mm square tubes suspended from the roof using 8 mm dia thread bars neatly secured including levelling the false ceiling to required line and alignment; The structural frame of false ceiling with suspension shall be painted in one coat of zinc phosphate primer, one coat of MIO primer & two coats of synthetic enamel paint of approved colour and shade. The entire works shall be complete in all respects as per approved drawings. No separate payment towards fasteners like nuts/ bolts/ washers etc shall be made and rate quoted to include the same.				
B.13.1	ZINCALUME colour bonded Suspended False Ceiling with framework	195.00	M2	5,021.82	979,254.90
B.14	GUTTERS FOR ROOF OF CANOPY				
	Supplying and fixing 1100 mm wide x 200 mm high to 300mm pre-coated Zincalume sheet steel (0.47 mm TCT) gutters fixed with recommended fasteners and mild steel 25 x 5 mm flat as per the detailed drawing Rate to include suitable nozzles to connect 110 mm dia PVC down pipes.Rate to be quoted also to include sealing of the joints of the gutter with necessary silicone sealant for water tightness.				
B.14.1	Supplying and fixing of pre-coated Zincalume gutters	22.00	M	3,077.40	67,702.80
B.15	PLUMBING WORK				
	Supplying, laying, jointing and testing of PVC pipes of type 600 laid vertically through column complete with pipe specials upto manhole near column with all accessories				
B.15.1	110 mm dia. PVC pipe - Storm water Pipe	30.00	M	3,677.70	110,331.00
B.16	BRICK MANHOLES (STORM WATER)				
	Construction of chamber in storm water catch pit with MS manhole cover & frame including earth work, PCC, brick work, plastering and fixing MS manhole cover with frame as per standard drawing				
B.16.1	Storm water catch pit internal 600 mm x 600 mm size LIOC/ENG/STD/17	2.00	EA	53,985.60	107,971.20
B.16.2	Storm water catch pit internal 450 mm x 450 mm size LIOC/ENG/STD/17	4.00	EA	30,366.90	121,467.60
B.17	PRECAST HUME PIPES				
	Supplying, laying, jointing of RCC hume pipes with collars laid underground inclusive of excavation work & backfilling				
B.17.1	225mm dia. - RCC hume pipe Class NP2	25.00	M	4,416.00	110,400.00
B.18	SUPPLY, FILLING & COMPACTION				

SIGNATURE OF TENDERER
SEAL

VICE PRESIDENT (ENGG)
LANKA IOC PLC



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SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
B.18.1	Supply, filling, spreading & compacting after sprinkling required quantity of water using concrete rammer to 95% of maximum dry density in layers not exceeding 200 mm compacted thickness	20.00	M3	6,534.30	130,686.00
B.18.2	With clean coarse river sand	45.00	M3	676.20	30,429.00
B.19	BRICK MASONRY				
	Providing good quality brick masonry with bricks of type II grade I of SLS 39 (crushing strength 4.8N/mm ²) as per BS 6073 part 1&2 in superstructure in CM 1:5 including all leads and lifts.				
B.19.1	Brick work 225mm thick	6.00	M3	17,951.04	107,706.24
B.20	COLOUR TILING FOR PUMP ISLAND				
	Supplying and fixing of Homogeneous polished ceramic floor tiles of approved colour for pump island including cement bedding, grouting etc complete				
B.20.1	600 MMX600 mmx 9 mm tk colour tiles for pump island	22.00	M2	7,675.56	168,862.32
B.21	PAINTING WORK (ENAMEL PAINTING)				
	Applying of 2 coats of Synthetic Enamel Paint over a coat of matching primer with all leads & lift, preparation of surface etc				
B.21.1	Enamel Painting (Synthetic enamel)	10.00	M2	930.12	9,301.20
C	<u>SALES BUILDING</u>				
C.1	EXCAVATION				
	Excavation in all kinds of soil except rock. Rate to include necessary earth work supports, dewatering, backfilling and removing of any excess excavated materials from site to an unobjectionable place observing all environmental rules and regulations.				
C.1.1	Excavation up to 1.5m depth	105.00	M3	1,242.00	130,410.00
C.1.2	Excavation from 1.5m to 3 M	35.00	M3	1,555.26	54,434.10
C.2	RANDOM RUBBLE MASONARY WORK				
	Random rubble masonry work in cement sand mortar 1:5 in foundation				
C.2.1	Random Rubble masonry in foundation & superstructure	27.00	M3	14,216.76	383,852.52
C.3	ABC METAL FILLING				
	Providing and laying ABC metal filling to a thickness of 200 mm average and consolidating by concrete rammer etc				
C.3.1	ABC Metal Filling	35.00	M3	6,258.30	219,040.50
C.4	PROV. & INJECTING ANTI TERMITE EMULSION				
	Providing and injecting chemical emulsion for pre-constructional anti- termite treatment and creating a chemical barrier for walls, trenches, foundation, top surface of plinth filling, foundation of walls, floor, along exterior perimeter of building, etc. complete, conforming to manufacturers specifications & as directed by LIOC using Chloropyriphos Emulsifiable 20 % concentration				
C.4.1	Injecting chemical emulsion for anti- termite treatment	110.00	M2	316.02	34,762.20
C.5	STEEL REINFORCEMENT				
	Providing, bending, laying, binding & fixing in position High Yield Tor Steel Bar and MS steel bar reinforcement conforming to BS 8110 Part 1 of approved make, including supplying & providing soft annealed wire used for binding at all levels and locations for RCC work with all leads & lifts				
C.5.1	Reinforcement 6 mm - 32mm dia. Bar and links	9,500.00	KG	303.60	2,884,200.00
C.6	FORM WORK				
	Approved type form work as per the specifications for foundation, Columns, Beams & slabs etc including deshuttering				
C.6.1	Form work	450.00	M2	2,911.80	1,310,310.00
C.7	CONCRETING				
C.7.1	PROVIDING & LAYING PCC USING MACHINE MIX CONCRETE (MMC)				



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C7.1.1	Providing and laying of plain cement concrete (PCC) of specified grade conforming to BS 8110 Part 1 for all works in foundation, plinth & superstructure. Item includes cost of all materials, mixing, pouring in position, compaction, curing, finishing etc complete as specified in detailed description. Form work shall be paid seperately (Rate Includes Dewatering) PCC 1:3:6 using 25mm nominal size aggregates (50mm thk)	110.00	M2	1,046.04	115,064.40
C.7.2	PROVIDING AND LAYING RCC USING RMC Providing & laying of reinforced cement concrete (RCC) of specified grade conforming to BS 8110 Part 1 using RMC. Item includes cost of all materials excluding steel reinforcement, mixing, pouring in position, compaction, formwork, scaffolding, curing, finishing etc complete as specified in detailed description.				
C.7.2.1	RMC of mix G 25 from approved source in foundations plinth, beams, columns, pedestals, walls, pilecaps etc - upto plinth level	37.00	M3	29,835.60	1,103,917.20
C.7.2.2	RMC of mix G 25 from approved source In lintels, shelves, beams, columns, pedestals, walls, pilecaps etc -above plinth level	44.00	M3	31,059.66	1,366,625.04
C.8	RCC LINTELS RCC Lintels (1:1 1/2: 3 in machine mix), rate to include form work & reinforcement				
C.8.1	225x 150 concrete lintel.	210.00	M	4,250.40	892,584.00
C.9	BRICK MASONRY Providing good quality brick masonry with bricks of type II grade I of SLS 39 (crushing strength 4.8N/mm ²) as per BS 6073 part 1&2 in superstructure in CM 1:5 including all leads and lifts.				
C.9.1	Brick work 225mm thick in Ground floor & up to 3rd floor levels	37.00	M3	17,951.04	664,188.48
C.10	WATER PROOFING & DAMP ROOFING				
C.10.1	DPC-DAMP PROOF COURSE 40mm thick PCC of mix 1:2:4 with 12mm and down aggregate mixed with approved water proof admixtures , semi-rough finish.				
C.10.1.1	DPC in wall foundation	110.00	M2	1,311.00	144,210.00
C.10.2	WATER FROOFING & ROOF FINISHES Providing torch applied water proofing included with 3 mm thk bitumen membrane treatment finished with following 4 layers L 1- 1:3 Cement : Sand leveling screed (25mm Thk) L 2 -3mm thick Water proofing membrane L 3 - 40mm Thk CM 1:3 rendering L 4 - Liquid Acrylic Fexible Membrane (Two coats of Baralastic)				
C.10.2.1	Water Proofing in roof slabs & RCC gutters	120.00	M2	4,636.80	556,416.00
C.11	PLASTERING WORKS				
C.11.1	WALL FINISHES (EXTERNAL PLASTER-16 MM THICK) External walls, columns, reveals narrow width facia etc. with 16 mm thick cement and sand mortar 1:4 finished semi rough (Sponge Finish) with uniform texture.				
C.11.1.1	External Plasters in walls	220.00	M2	920.46	202,501.20
C.11.2	WALL FINISHES (INTERNAL PLASTER-12 MM THICK) Internal Walls, Columns, Soffit, reveals narrow width etc. with 12mm thick cement , and sand mortar 1:4, finished smooth with neat cement				
C.11.2.1	Internal & Soffit Plaster at all places including scaffolding.	210.00	M2	898.38	188,659.80
C.11.3	12MM THK PLATERING FOR DRIP COURSE				



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ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
C.11.3.1	Providing 12mm thick plastering for Drip course of size as per drawings but not less than a width of 20mm with cement mortar 1:4 including scaffolding, curing, finishing, etc. complete:	60.00	M	179.40	10,764.00
C.11.4	Providing 12mm thick plastering for Drip course				
	CHICKEN WIRE MESH FOR JUNCTION OF BRICK WORK & RCC WORK				
	Providing and fixing of 200mm wide chicken wiremesh of 24 gauge at the junction of brickwork and RCC work, including fixing with nails and rawl plugs etc; before applying plaster.	72.00	M2	389.16	28,019.52
C.11.4.1	Providing and fixing of 200mm wide chicken wiremesh				
C.12	TILING WORKS				
C.12.1	WALL FINISHES (WALL TILES)				
	Glazed ceramic wall tiles of approved colour and quality, bedded on 12mm thick cement backing (1:3) joints grouted and pointed neatly to match colour of tiles				
C.12.1.1	Wall tiles in Service Station (Colour)	30.00	M2	6,730.26	201,907.80
C.12.2	FLOOR FINISHES (TILING-POLISHED)				
	300mm x 300mm x 9mm Tiles of approved colour and shade Supplying and laying Homogenous polished ceramic floor tiles of approved colour and quality. Rate to include cement bedding and grouting including all costs for material and labour				
C.12.2.1	Floor tiling in all floors	60.00	M2	6,956.58	417,394.80
C.12.3	FLOOR FINISHES (TILING NON SKID)				
	300mm x 300mm x 9mm Tiles of approved colour and shade Supplying and laying Homogenous Non Skid ceramic floor tiles of approved colour and quality. Rate to include cement bedding and grouting including all costs for material and labour				
C.12.3.1	Floor tiling in Pavements (Wallk way around the building)	30.00	M2	6,956.58	208,697.40
C.12.3.2	Floor tiling in toilets in all floors	10.00	M2	6,956.58	69,565.80
C.12.4	FLOOR FINISHES (SKIRTING-POLISHED TILES)				
	300mm x 300mm x 9mm Tiles of approved colour and shade Supplying and laying Homogenous polished ceramic floor tiles of approved colour and quality. Rate to include cement bedding and grouting including all costs for material and labour				
C.12.4.1	Skirting tiling 100 mm high in all floors	140.00	M	834.90	116,886.00
C.12.5	GRANOLITHIC FLOOR FINISHES				
	Granolithic floor finish bonded construction in CC 1:1:2 mix of 40mm thick including cost of all materials, labour for laying, preparation of base etc., Power trowelling & applied with two coats of mastic floor paint complete.				
C.12.5.1	Granolithic floor finish	10.00	M2	3,670.80	36,708.00
C.13	ALUMINIUM & GLASSING WORKS				
C.13.1	DOORS & WINDOWS (FIXED GLAZING)				
	Supplying and fixing of Fixed glazing including 12mm thick plain Float glass as per Drawing No. LIOC/ENG/STD/05 - I & ii & specs.				
C.13.1.1	Fix Glassing In sales building	25.00	M2	21,321.00	533,025.00
C.13.2	DOORS & WINDOWS (GLASS DOORS)				
	Supply and fixing structural 12mm tk toughened glass entrance Door complete including all accessories with stainless steel door handle and floor springs as per Drawing No LIOC/ENG/STD/05-I & II and specifications.				
C.13.2.1	Glass doors-Type - D1	2.10	M2	39,744.00	83,462.40
C.13.3	DOORS & WINDOWS (ALUMINIUM DOORS)				



LANKA IOC PLC
LEVEL 20, WEST TOWER, WORLD TRADE CENTRE,
ECHELON SQUARE,
COLOMBO - 01

1. TENDER NUMBER : LIOC/ENG/PT-02/2025-26

2. NAME OF THE WORK : CONSTRUCTION OF CANOPY, SALES BUILDING , DRIVE WAY & OTHER ALLIED ELECTRICAL WORKS AT LANKA IOC PLC "A"
SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
C.13.3.1	Supply and fixing Aluminium anodized & colour powder coated Door fully glazed (with 5 mm thick plain float glass) or partly Aluminium anodised & colour powder coated and partly panelled door complete including all accessories as per Drawing No LIOC/ENG/STD/05 -I & II & specs. Aluminium Doors - Type - D2	4.20	M2	32,844.00	137,944.80
C.13.3.2	Aluminium Doors - Type - D3 & D4	2.10	M2	23,184.00	48,686.40
C.13.4	DOORS & WINDOWS (ALUMINIUM WINDOW) Supplying and fixing of Aluminium anodized and colour powder coated casement window including fixing 5 mm thick plain float glass as per Drawing No. LIOC/ENG/STD/05 - I & ii & specifications Aluminium Window	2.00	M2	16,366.80	32,733.60
C.13.5	D & W (ALUMINIUM VENTILATOR) Supply and fixing of Aluminium anodized & colour powder coated Louvered Ventilator including Aluminium frame as per Drawing No. LIOC/ENG/STD/05 -i & ii & specifications Aluminium Ventilator - Type - V1	1.50	M2	22,080.00	33,120.00
C.13.6	D & W (ALUMINIUM PARTITION) Supply and fixing of Partly glazed (5mm thick) and partly paneled partitions using 12 mm thickdouble skin both side laminated exterior grade particle board as per approved drawing No. Partly Aluminium & Partly Glass Double skin Partition	8.00	M2	20,700.00	165,600.00
C.14	D & W (ROLLER DOOR) Providing and fixing in position Pressed steel Roller Door (0.60mm tk. ZINCALUME powder coated),100mm wide slats with or without grill as per drawing No.LIOC/ENG/STD/05 - I & II & with approved type lock and hood. Electro-mechanically operated Roller Door (Gear operated type with remote controller)	10.00	M2	16,932.60	169,326.00
D	PLUMBING WORK				
D.1	PLUMBING WORK (WATER SUPPLY PIPES) Supplying, laying, jointing and testing of PVC type 1000 pipes with necessary pipe specials in duct, along walls, suspended under slab, below ground etc. including providing brackets, complete				
D.1.1	20mm dia. PVC pipe	25.00	M	491.28	12,282.00
D.1.2	25mm dia. PVC pipe	30.00	M	692.76	20,782.80
D.1.3	32mm dia. PVC pipe	70.00	M	952.20	66,654.00
D.1.4	50mm dia. PVC pipe	15.00	M	1,624.26	24,363.90
D.2	PLUMBING WORK (WASTE & STORM WATER) Supplying, laying, jointing and testing of PVC pipes of type 600 laid through ducts, underground, along walls, laid horizontally,suspended through/at ceiling/slab levels complete with pipe specials,cleanouts etc.inclusive of fixing to walls/slabs, excavation, backfilling etc., inclusive of brackets supports & anchors etc. and rough finishing sleeves				
D.2.1	110 mm dia. PVC pipe -Sewer Pipe	30.00	M	3,677.70	110,331.00
D.2.2	110 mm dia. PVC pipe - Storm water Pipe	50.00	M	3,677.70	183,885.00
D.2.3	80mm dia PVC pipe - Waste Water	20.00	M	3,273.36	65,467.20
D.2.4	50mm dia PVC pipe - Waste Water	20.00	M	1,624.26	32,485.20
D.3	PLUMBING WORK (HDPE O/H WATER TANK) Supplying and installation of High Density Poly Ethylene overhead tanks with necessary ball float valves, isolation valves, drain valves etc. Capacity 1000 Lt HDPE water tank	1.00	EA	26,358.00	26,358.00
D.4	SANITARY FITTINGS & FIXTURES SANITARY FITTINGS & FIXTURES (WC)				



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SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
D.4.1	Supplying and fixing of ceramic Water Closet complete with "S" or "P" trap and connection to sewer piping, inclusive of closed coupled ceramic cistern & flushing arrangements, complete with angle valve and flexible hose for water connection and all other fittings and accessories. Fittings to be as per approved make. All fittings shall be of brass with CP coating. Water closets in Toilets (WHITE colour) SANITARY FITTINGS & FIXTURES (WASH BASIN)	2.00	EA	46,023.00	92,046.00
D.4.2	Supplying and fixing of ceramic Wash Basin complete with brass pillar tap (CP coated), waste coupling, waste plug and CP chain, CP metal bottle trap and connector complete All fittings shall be of brass with CP coating. Wash basins in Toilets (WHITE colour) SANITARY FITTINGS & FIXTURES (FLAT BACK OR CORNER TYPE URINAL)	2.00	EA	32,512.80	65,025.60
D.4.3	Providing & fixing white vitreous china flat back or wall corner type lipped front urinal basin of the following sizes with drain pipe and all fittings complete as directed by LIOC, All fittings shall be of brass with CP coating. Flat back or wall corner type Urinal in Toilets (WHITE colour) PLUMBING ACCESSORIES	2.00	EA	16,678.68	33,357.36
D.4.4	Supply & Installation of plumbing accessories as per BS standards Note: All plumbing fittings & accessories shall be brass with CP coating Bevelled edged Mirrors (500 mm x 600 mm)	2	EA	7,893.60	15,787.20
D.4.5	CP Towel Rail 500mm long	2	EA	7,176.00	14,352.00
D.4.6	CP Robe Hooks	2	EA	3,450.00	6,900.00
D.4.7	CP Soap Tray	2	EA	3,884.70	7,769.40
D.4.8	PVC Floor gulley with CP grating	2	EA	3,795.00	7,590.00
D.4.9	CP shower head with arm	1	EA	4,347.00	4,347.00
D.4.10	CP hand bidet spray/ Health faucet	2	EA	5,012.16	10,024.32
D.4.11	CP pillar tap(1/2")	2	EA	5,209.50	10,419.00
D.4.12	1 1/4" SS Bottle trap	4	EA	4,657.50	18,630.00
D.4.13	Ball float valve for O/H tank	1	EA	4,830.00	4,830.00
D.4.14	40mm Brass stop valves complete	2	EA	7,258.80	14,517.60
D.4.15	20mm Brass stop valves complete	2	EA	4,665.78	9,331.56
D.4.16	15mm Angle valve	8	EA	3,975.78	31,806.24
D.4.17	CP Bib tap(1/2") short arm	1	EA	3,774.30	3,774.30
D.4.18	CP Bib tap(1/2") long arm	2	EA	5,357.16	10,714.32
D.4.19	Flexible Hose (60cm) with braided metallic cover	6.00	EA	696.90	4,181.40
D.4.20	Providing & fixing CP brass toilet paper holder	2.00	EA	4,457.40	8,914.80
D.4.21	Providing & fixing 15 mm CP brass concealed stop cock with wall flange	6.00	EA	3,864.00	23,184.00
E	<u>ELECTRICAL WORKS</u>				
E.1	ELECTRICAL INSTALLATON (POINT,CIRCUIT & FLEXIBLE WIRING)				
E.1.1	ELECTRICAL INSTALLATON (POINT WIRING FOR LIGHT FITTINGS) Point wiring for light fittings with 7/0.5 mm single core two run Cu/ PVC cable and 7/0.67 single core cu/pvc earth wire run through 18mm diameter UPVC conduit pipe of s-lon or equivalent make and controlled by a 10A one way switch.				
E.1.1.1	Point wiring for light fittings	35.00	EA	3,967.50	138,862.50
E.1.2	ELECTRICAL INSTALLATON (SOCKET OUTLETS) Switch socket outlet wired in a ring circuit with 7/0.67mm pvc cable and 7/0.67mm pvc earth wire in pvc conduit pipe				
E.1.2.1	13 Amp switch socket outlet with wiring	10.00	EA	4,981.80	49,818.00
E.1.2.2	15 Amp switch socket outlet with wiring	5.00	EA	5,106.00	25,530.00
E.2	ELECTRICAL INSTALLATON (FANS)				
E.2.1	ELECTRICAL INSTALLATON (CEILING FAN)				

SIGNATURE OF TENDERER
 SEAL



LANKA IOC PLC
LEVEL 20, WEST TOWER, WORLD TRADE CENTRE,
ECHELON SQUARE,
COLOMBO - 01

1. TENDER NUMBER : LIOC/ENG/PT-02/2025-26

2. NAME OF THE WORK : CONSTRUCTION OF CANOPY, SALES BUILDING , DRIVE WAY & OTHER ALLIED ELECTRICAL WORKS AT LANKA IOC PLC "A"
SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
E.2.1.1	Supply and installation of ceiling fan with electronic regulator,regulator wired with 7/0.67mm pvc cable and 7/0.67mm pvc earth wire in pvc conduit pipe	3.00	EA	9,480.60	28,441.80
E.3	ELECTRICAL INSTALLATON (CENTRIFUGAL WATER PUMPS) Supply and installation of Centrifugal Water moters wired with 7/0.67mm pvc cable and 7/0.67mm pvc earth wire in pvc conduit pipe with floater switch complete.				
E.3.1	1.0 HP Centrifugal Water Pump with floater Switch & wiring	1.00	EA	40,323.60	40,323.60
E.4	ELECTRICAL INSTALLATON (CFL LIGHTS)				
E.4.1	ELECTRICAL INSTALLATON (CFL & LED LIGHTS) Supply and installation of surface mounted CFL & LED lamp fitting with complete with LAMP				
E.4.1.1	18W CFL spot lamp fitting (Down lightting)	11.00	EA	4,505.70	49,562.70
E.4.1.2	2'x 2' surface type LED fitting C/W 4x10W LED Tube lights.	3.00	0	24,895.20	74,685.60
E.4.1.3	2'x 2' surface type LED fitting C/W 3x10W LED Tube lights.	12.00	0	21,659.10	259,909.20
E.4.1.4	2'x 2' surface type LED fitting C/W 2x10W LED Tube lights.	4.00	0	18,405.06	73,620.24
E.5	ELECTRICAL INSTALLATON (YARD LIGHT)				
E.5.1	ELECTRICAL INSTALLATON (YARD LIGHT-OCTAGONAL POLES) Installation of 6m to 7m long tapered G.I. yard lamp post include with necessary accessories. Rate shall include for RCC Base as indicated in drawing No. LIOC/ENG/STD/27.				
E.5.1.1	Sup & Inst of Yard light pole including RCC base (WIPRO Make)	6.00	EA	137,103.00	822,618.00
E.5.2	ELECTRICAL INSTALLATON (YARD LIGHT - 100 W LED PHILIPS LIGHT) Installation of LED Yard Light LAMP complete with fitting and necessary accessories. Rate shall include for installation with scaffolding / labour etc. complete				
E.5.2.1	Sup & Inst of LED 100W Yard light Fitting (PHILIPS Make)	6.00	EA	33,760.06	202,560.36
E.6	ELECTRICAL INSTALLATON (MCB DB/MV PANEL)				
E.6.1	ELECTRICAL INSTALLATON (MCB DB PANEL) Supplying and installation of wall mounting type MCB TPN Distribution Board (DB-1), dust and vermin proof made of 1.6 mm thick CRCA sheet provided with hinged door consisting of the following . Tinned Copper bus bars for phases and neutral links. 01 Nr 30 A 4P MCB 02 Nr 30 A 4P RCCB(30 mA) 03 Nrs 25 A DP RCCB(30 mA) 06 Nrs 10A SP MCB 03 Nrs 16A SP MCB 03 Nrs 20A SP MCB All accessories & internal Wiring including wall mounting of Distribution Board				
E.6.1.1	S&I DB Set with all accessories and Wiring	1.00	EA	82,800.00	82,800.00
E.6.2	ELECTRICAL INSTALLATON (MV PANEL)				



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SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
	Supply, erection, testing and commissioning of MV panel board, cubicle floor mounting type with dust and vermin proof made of 1.6 mm thick CRCA sheet with busbar chamber, cable chamber and the following switches, MCB incorporated with panel board as per Drawing No. LIOC/ENG/STD/28/I&II&III 100 Amps 4 pole load break type change over switch - 1 NO 100 Amps TPN MCCB - 1 NO 40 Amps 4P MCB - 4 Nos 20 Amps TP MCB - 4 Nos 32 Amps TPN FSU - 3 Nos 25 Amps DP RCCB - 9 Nos. 6-30 Amps DP MCB -45 Nos Phase indication lamp, Voltmeter, Ammeter, selector switches, CT coils and control fuse				
E.6.2.1	S&I MV panel with all accessories & Wiring	1.00	EA	718,290.00	718,290.00
E.7	ELECTRICAL CABLING				
E.7.1	ELECTRICAL CABLING				
	Supply & Installation of electrical cabling laying under ground / above ground with conduits as per specification				
E.7.1.1	4x6 mm2 pvc Main wire from MSB to DBs	50.00	M	2,152.80	107,640.00
E.7.1.2	4x4 mm2 pvc Main wire for compressor	30.00	M	1,690.50	50,715.00
E.7.1.3	4x35 mm2 PVC/SWA/XLPE cable Gene/CEB meter	70.00	M	6,969.00	487,830.00
E.7.1.4	4x 16mm2 PVC main wire to DB'S from Main Panel	50.00	M	4,333.20	216,660.00
E.8	ELECTRICAL INSTALLATON (SAFETY)				
E.8.1	ELECTRICAL INSTALLATON (RUBBER MAT FOR MV PANNEL)				
	Supply & installation of electrically resistive rubber mat for MV Panel board.				
E.8.1.1	Supply of Rubber Mat for MV Pannel Board (1 M X 1.5 M) 440 V Grade	1.00	ST	27,600.00	27,600.00
E.8.2	ELECTRICAL INSTALLATON (CHEQURED PLATES)				
	Supply & installation of 6 MM Chequred Plates for cable Trenches for MV Panels				
E.8.2.1	6 MM Chequred Plates	5.00	M2	13,800.00	69,000.00
E.9	ELECTRICAL INSTALLATON (TESTING /ENERGIZING & COMMISIONING)				
E.9.1	ELECTRICAL INSTALLATON (MEGGER TEST)				
	Test the entire installation by a Chartered Electrical Engineer and submit test certificates				
E.9.1.1	Test electrical work of Sales Building	1.00	ST	23,184.00	23,184.00
E.9.1.2	Testing electrical work of External electical system	1.00	ST	27,600.00	27,600.00
F	<u>MECHANICAL WORKS</u>				
F.1	SUP & INST OF AIR COMPRESSORS / DAGS				
	Supply and installation of horizontal air compressor assembly with delivery pressure of 12 kg/sq cm (g) equipped with pressure gauge, non- return/safety/drain/delivery valves, automatic cut-off switch and suitable electrical connections & all standard accessories, including civil works:				
F.1.1	Sup & Inst of 3 HP compressor with 200 LITRES reservoir tank (Newco)	1.00	EA	228,210.60	228,210.60
F.2	SUP & INST OF DIGITAL AIR GAUGE				
	Supply & installation of Digital tyre inflator (pedestal type),microprocessor based, automatic air pressure controller with solenoid controlled nozzle for automatic fill and release functions. Complete with weather proof cabinet, 3 digit LCD displays with backlight illuminations i.e. one for actual tyre pressure and another for set pressure. Air filter, remote controller, cables, PVC hose pipe and working pressure upto 10bar(including civil work for foundation,etc.). Make shall be as approved by LIOC.				
F.2.1	Supply and installation of DAG (PCL make)	1.00	EA	296,148.00	296,148.00



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SITE PETROL SHED M/S A.W DAVITH APPUHAMY & SONS,KANDY

SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
F.3	SUP & INST OF COMPRESSED AIR PIPE LINES Supplying, laying, jointing of GI medium duty pipes laid vertically down in ducts, along walls, laid under ground inclusive of excavation work, backfilling and c/w pipe specials, hangers, brackets including 3 coats of enamel paint over one coat of primer etc.and anchors anchors to wall/slabs, complete with brackets, supports & anchors etc. and reinstatement of surface.				
F.3.1	20mm Dia.laid above ground	10.00	M	1,069.50	10,695.00
F.3.2	20 mm Dia. laid underground	25.00	M	1,200.60	30,015.00
G	EXTERNAL MISCELLENIOUS WORKS				
G.1	EXCAVATION Excavation in all kinds of soil except rock. Rate to include necessary earth work supports,dewatering ,backfilling and removing of any excess excavated materials from site to an unobjectionable place observing all environmental rules and regulations.				
G.1.1	Excavation up to 1.5m depth	165.00	M3	1,242.00	204,930.00
G.2	BRICK MANHOLES (STORM WATER) Construction of chamber in storm water catch pit with MS manhole cover & frame including earth work, PCC, brick work, plastering and fixing MS manhole cover with frame as per standard drawing				
G.2.1	Storm water catch pit internal 600 mm x 600 mm size LIOC/ENG/STD/17	3.00	EA	53,985.60	161,956.80
G.2.2	Storm water catch pit internal 450 mm x 450 mm size LIOC/ENG/STD/17	6.00	EA	30,366.90	182,201.40
G.3	GROUND WATER SUMP Construction of Ground water sump including of earth work, PCC, brick work, RCC manhole frame and all finishing works as per drawing No. LIOC/ENG/STD/19. (DIMENSION L- 2m X B -2m X H -1.2m)				
G.3.1	4000 Ltr capacity ground water sump	1.00	EA	232,095.30	232,095.30
G.4	PRECAST ITEMS				
G.4.1	PRECAST HUME PIPES Supplying, laying, jointing of RCC hume pipes with collars laid underground inclusive of excavation work & backfilling				
G.4.1.1	225mm dia. - RCC hume pipe Class NP2	50.00	M	4,416.00	220,800.00
G.4.2	PRECAST KERB Supplying and laying precast kerbs (G 40 grade) including excavation, bending, jointing and making good sides with necessary concrete including all civil works. The job includes providing concrete bedding (150 mm thk) below kervb walls				
G.4.2.1	Precast drop curb (125 mm thk x 150 mm high x 900 mm long)	40.00	M	2,944.92	117,796.80
G.4.2.2	Precast curbing (125 mm thk x 255 mm high x 900 mm long)	20.00	M	3,133.98	62,679.60
G.4.3	PRECAST SEPTIC TANK & SOKAGE PIT Supply & installation of cylindrical precast septic tank & cylindrical precast soakage pit including necessary inspection chambers and PVC vent cowl (3 m long)				
G.4.3.1	Precast 2500 ltr capacity septic tank	1.00	ST	139,104.00	139,104.00
G.4.3.2	Precast 2000 ltr capacity soakage pit	1.00	ST	61,824.00	61,824.00
G.4.3.3	110mm dia. vent cowl with Waste Water Pipe (3 m long)	1.00	EA	6,120.30	6,120.30
G.5	DRIVE WAY				
G.5.1	DRIVE WAY (GRAVEL FILLING) Filling with imported gravelly soil, compact in layers of 150mm, watered, rammed and well consolidated as per the specifications				
G.5.1.1	Gravel filling in driveway	120.00	M3	2,880.06	345,607.20
G.5.2	DRIVE WAY (ABC METAL FILLING)				



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SCHEDULE OF WORKS

ITEM NO.	DESCRIPTION	Q'TY	UNIT	RATE (LKR)	AMOUNT (LKR)
G.5.2.1	Providing and laying ABC metal filling to a thickness of 225mm average and consolidating by 8 – 10 tones road roller etc complete to receive 80mm Thk interlocking pavers or Asphalt.	85.00	M3	6,258.30	531,955.50
G.5.3	INTER LOCKING PAVERS (SUPPLY & LAYING) Supply & laying of Interlocking Paving blocks of Thickness 80 mm Uni type, natural colour, average compressive strength 50 N/ mm2 (British Standard 1993) Laying on the 50mm thk compacted river sand bedding consolidated with mechanical vibrator, filling the grooves with Seaved sand.				
G.5.3.1	Supply & laying of inter locking pavers (Colour)	420.00	M2	5,030.10	2,112,642.00
G.5.4	DRIVE WAY (ASPHALT CONCRETE) Supply and laying of Asphalt concrete using 80/100 hot bitumen, in 2 layers for 75mm total thickness in approach road ways as per standard specifications.				
G.5.4.1	Asphalt concreting in driveway	1.00	M2	2,866.26	2,866.26
G.5.5	LANDSCAPING				
H	<u>LED CANOPY LIGHTS & ASSOCIATED ELECTRICAL WORKS</u>				
H.1	Supply and fixing of LED Light fitting having IP 66 protection class with Pressure Die Cast Aluminum housing & toughened glass diffuser. Colour Rendering Index CRI > 80, temp - 10 to 45 Deg C, Driver efficiency > 85%, THD < 10%, CCT - 6500K (6500K ±355K) Power factor > 0.95, , Multistage Isolated Constant Current - Constant Voltage operated driver with range 140-270V AC and Safety Extra Low Voltage Safe level < 60V DC as per IEC standard, LED efficacy should be minimum 130 Lumens per watt. The fitting shall be impact-proof with a minimum impact proof rating IK08. The fitting shall have a life time of L70B50 – 50,000 Hours. Each lot of Fittings shall have serial numbers & accompany LM79 / LM80 test reports and reference/batch nos of LEDs & fittings for verification at site. The supply of LED lighting shall be covered by a warranty of at least 60 months from the date of supply of the lighting and the LED light fitting shall be complete in all respects including LED, LED Driver, Electronic circuitry, Luminaire etc.: 100 Watt - 120 Watt (Without scaffolding charges)	14.00	EA	33,760.06	472,640.84
H.2	Fabricate, supply and install necessary suspension brackets/spacers to mount the light fitting by considering 600mmx 600mm slot at the existing canopy lights (rate should include if the slot is not 600mm x600mm, slot making also need to be considered) Finish colour should be Light Grey or Bleach color	14.00	EA	6,984.84	97,787.76
H.3	3x2.5mm2 Armoured cable from MSB to Canopy (including 4 Way Junction Boxes, glands and water proof sealings)	185.00	M	1,007.40	186,369.00
H.4	3x1.5mm2 Armoured cable for LED Lights inside False ceiling for Canopy Lights	100.00	M	814.20	81,420.00
GRAND TOTAL (A+B+C+D+E+F+G+H)					32,802,892.46