

COCHIN PORT AUTHORITY							
www.tenderwizard.com/CPT							
Tender No: T10/T-2107/2026-C							
Name of Work : CONSTRUCTION OF GERMAN HANGER AND ASSOCIATED FACILITIES FOR CRUISE PASSENGERS AT SAGARIKA PARKING AREA							
SCHEDULE – “II”- SCHEDULE OF QUANTITIES OF WORK TO BE DONE ON CONTRACT							
Name and Address of the Vendor:							
Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
(A). PART-A - Aluminium Marquee Tent of size 15 m x 50 m							
1	Taking out existing CC interlocking paver blocks from Sagarika parking area, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	m ²	210.00	146.67	Rupees One Hundred Forty Six and Sixty Seven Paise Only	30,800.70	Rupees Thirty Thousand Eight Hundred and Seventy Paise Only
2	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) in all kinds of soil including getting out and disposal of excavated earth lead upto 50 m and for all lift, as per drawings and directions of the Engineer-in-charge.	m ³	155.00	197.59	Rupees One Hundred Ninety Seven and Fifty Nine Paise Only	30,626.45	Rupees Thirty Thousand Six Hundred Twenty Six and Forty Five Paise Only
3	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) including compacting and curing excluding the cost of centering and shuttering etc. complete for all work up to plinth level as per drawings and directions of the Engineer-in-charge.	m ³	39.00	7,583.19	Rupees Seven Thousand Five Hundred Eighty Three and Nineteen Paise Only	2,95,744.41	Rupees Two Lakh Ninety Five Thousand Seven Hundred Forty Four and Forty One Paise Only
4	Centering and shuttering including strutting, propping etc. and removal of form work for various RCC works such as foundations, footings, bases for columns etc. complete as per drawings and directions of the Engineer-in-charge	m ²	31.00	436.55	Rupees Four Hundred Thirty Six and Fifty Five Paise Only	13,533.05	Rupees Thirteen Thousand Five Hundred Thirty Three and Five Paise Only
5	Centering and shuttering including strutting, propping etc. and removal of formwork for mass concrete of foundations, footings, bases of columns, etc. complete as per drawings and directions of the Engineer-in-charge	m ²	165.00	436.55	Rupees Four Hundred Thirty Six and Fifty Five Paise Only	72,030.75	Rupees Seventy Two Thousand Thirty and Seventy Five Paise Only
6	Steel reinforcement for various R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level using Thermo-Mechanically Treated bars of grade Fe-500D or more as per drawings and directions of the Engineer-in-charge .	kg	4360.00	120.06	Rupees One Hundred Twenty and Six Paise Only	5,23,461.60	Rupees Five Lakh Twenty Three Thousand Four Hundred Sixty One and Sixty Paise Only
7	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work of M25 grade with minimum cement content of 330 kg /cum using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement,admixture in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per drawings,detailed specifications and directions of the Engineer-in-charge.	m ³	62.00	10,580.78	Rupees Ten Thousand Five Hundred Eighty and Seventy Eight Paise Only	6,56,008.36	Rupees Six Lakh Fifty Six Thousand Eight and Thirty Six Paise Only
8	Providing and fixing precast cement concrete solid block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete made of 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) as per drawings,detailed specifications and directions of the Engineer-in-charge.	m ³	9.60	19,914.49	Rupees Nineteen Thousand Nine Hundred Fourteen and Forty Nine Paise Only	1,91,179.10	Rupees One Lakh Ninety One Thousand One Hundred Seventy Nine and Ten Paise Only

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9	Providing 12 mm thick cement plaster of mix 1:4 (1 cement:4 fine sand) including cost and conveyance of all materials, labour charges, scaffolding, curing, sundries etc. complete as per detailed specifications and directions of the Engineer-in-charge.	m ²	115.00	386.34	Rupees Three Hundred Eighty Six and Thirty Four Paise Only	44,429.10	Rupees Forty Four Thousand Four Hundred Twenty Nine and Ten Paise Only
10	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections with 50 mm micron Polyester powder coated aluminium of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings, specifications and the directions of Engineer-in charge.	kg	123.00	600.97	Rupees Six Hundred and Ninety Seven Paise Only	73,919.31	Rupees Seventy Three Thousand Nine Hundred Nineteen and Thirty One Paise Only
11	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) as per architectural drawings, specifications and the directions of Engineer-in charge.	kg	38.50	716.29	Rupees Seven Hundred Sixteen and Twenty Nine Paise Only	27,577.17	Rupees Twenty Seven Thousand Five Hundred Seventy Seven and Sixteen Paise Only
12	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with float glass panes of 8 mm thickness (weight not less than 20 kg/sqm), EPDM rubber / neoprene gasket etc. complete as per the architectural drawings, specifications and the directions of Engineer-in-charge	m ²	16.00	1,876.20	Rupees One Thousand Eight Hundred Seventy Six and Twenty Paise Only	30,019.20	Rupees Thirty Thousand Nineteen and Twenty Paise Only
13	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, with minimum 1.25 mm thickness stainless steel cover plate having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per drawings, specifications and direction of Engineerin- charge.	No	2.00	3,143.54	Rupees Three Thousand One Hundred Forty Three and Fifty Four Paise Only	6,287.08	Rupees Six Thousand Two Hundred Eighty Seven and Eight Paise Only
14	Providing & filling with 6mm aggregate mixed with quarry dust (1:1 ratio) inside basement including compaction/consolidation as per specificaions and directions of the Engineer-in-charge.	m ³	177.00	3,099.70	Rupees Three Thousand Ninety Nine and Seventy Paise Only	5,48,646.90	Rupees Five Lakh Forty Eight Thousand Six Hundred Forty Six and Ninety Paise Only
15	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)including compacting and curing excluding the cost of centering and shuttering for all work up to plinth level as per drawings, specificaions and directions of the Engineer-in-charge.	m ³	82.00	7,583.19	Rupees Seven Thousand Five Hundred Eighty Three and Nineteen Paise Only	6,21,821.58	Rupees Six Lakh Twenty One Thousand Eight Hundred Twenty One and Fifty Eight Paise Only
16	Providing and laying vitrified floor tiles of size 800x800 mm of approved colour and shade with cost of tiles not less than Rs.1053/ m ² (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), jointing with grey cement slurry @ 3.3 kg/ sqm excluding grouting the joints etc.,complete as per drawings, specifications and directions of the Engineer-in-charge.	m ²	780.00	2,084.15	Rupees Two Thousand Eighty Four and Fifteen Paise Only	16,25,637.00	Rupees Sixteen Lakh Twenty Five Thousand Six Hundred Thirty Seven Only
17	Grouting the joints of flooring tiles of size 800x800 mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per specifications and direction of Engineer-in-charge., complete.	m ²	780.00	272.46	Rupees Two Hundred Seventy Two and Forty Six Paise Only	2,12,518.80	Rupees Two Lakh Twelve Thousand Five Hundred Eighteen and Eighty Paise Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
18	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and including applying a priming coat of approved steel primer all complete as per drawings, specifications and direction of Engineer-in-charge.	kg	4850.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	7,21,874.00	Rupees Seven Lakh Twenty One Thousand Eight Hundred Seventy Four Only
19	Painting two or more coats on new work with synthetic enamel paint of approved brand and manufacture to give an even shade as per specifications and direction of Engineer-in-charge.	m ²	161.00	173.55	Rupees One Hundred Seventy Three and Fifty Five Paise Only	27,941.55	Rupees Twenty Seven Thousand Nine Hundred Forty One and Fifty Five Paise Only
20	Providing & fixing UV stabilised fiberglass reinforced plastic sheet roofing of minimum 3 mm thickness up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8 mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system under approximately 2400 psi and hot cured as per drawings, specifications and direction of Engineer-in-charge.They shall be of uniform pigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent, clear or pigmented, textured or smooth as specified.	m ²	34.00	1,386.67	Rupees One Thousand Three Hundred Eighty Six and Sixty Seven Paise Only	47,146.78	Rupees Forty Seven Thousand One Hundred Forty Six and Seventy Eight Paise Only
21	Design, supply and erection of waterproof German Hanger of 50 m x 15 m size with following specifications: (i) Span width -15.00m, Eve height - 4.50m, Apex height-7.0 m & Bay Distance-5.0m. (ii)Profile: Hard pressed extruded anodised aluminium Truss 206x120mmx4.5 mm, Edge purlin - 100x83 mm, Intermediate Purlin-60x60mm & connecting profile- 193x 110mm.(iii) Fittings: MS fittings of Eve plares, base plates, bracing pipes, wind bracing wire ropes (iv) Fabricmade out of high tenancy polester filament yarn - Premium quality lacquered black out white fabric 885 gsm for top cover (10&D Cover-2set) & all Side cover SRF Translucent fabric -26 set as per drawings, specifications and direction of Engineer-in-charge. The structure of the German Hanger shall be designed by an approved Structural Consultant and it shall be got approved by the Employer before commencement of fabrication	No	1.00	51,04,275.00	Rupees Fifty One Lakh Four Thousand Two Hundred Seventy Five Only	51,04,275.00	Rupees Fifty One Lakh Four Thousand Two Hundred Seventy Five Only
	TOTAL OF PART- A					1,09,05,477.89	Rupees One Crore Nine Lakh Five Thousand Four Hundred Seventy Seven and Eighty Eight Paise Only
(B). PART-B - Wash Rooms, Comfort Station & Other Facilities							
1	Taking out existing CC interlocking paver blocks from Sagarika parking area, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	m ²	190.00	146.67	Rupees One Hundred Forty Six and Sixty Seven Paise Only	27,867.30	Rupees Twenty Seven Thousand Eight Hundred Sixty Seven and Thirty Paise Only
2	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) in all kinds of soil including getting out and disposal of excavated earth lead upto 50 m and for all lift, as per drawings and directions of the Engineer-in-charge.	m ³	38.00	197.59	Rupees One Hundred Ninety Seven and Fifty Nine Paise Only	7,508.42	Rupees Seven Thousand Five Hundred Eight and Forty Two Paise Only
3	Centering and shuttering including strutting, propping etc. and removal of form work for various RCC works such as foundations, footings, bases for columns etc. complete as per drawings and directions of the Engineer-in-charge	m ²	11.00	436.55	Rupees Four Hundred Thirty Six and Fifty Five Paise Only	4,802.05	Rupees Four Thousand Eight Hundred Two and Five Paise Only
4	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) including compacting and curing excluding the cost of centering and shuttering etc. complete for all work up to plinth level as per drawings and directions of the Engineer-in-charge	m ³	7.50	7,583.19	Rupees Seven Thousand Five Hundred Eighty Three and Nineteen Paise Only	56,873.93	Rupees Fifty Six Thousand Eight Hundred Seventy Three and Ninety Two Paise Only
5	Centering and shuttering including strutting, propping etc. and removal of formwork for for mass concrete of foundations, footings, bases of columns, etc. complete as per drawings and directions of the Engineer-in-charge	m ²	47.00	436.55	Rupees Four Hundred Thirty Six and Fifty Five Paise Only	20,517.85	Rupees Twenty Thousand Five Hundred Seventeen and Eighty Five Paise Only

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6	Steel reinforcement for various R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level using Thermo-Mechanically Treated bars of grade Fe-500D or more as per drawings and directions of the Engineer-in-charge .	kg	2600.00	120.06	Rupees One Hundred Twenty and Six Paise Only	3,12,156.00	Rupees Three Lakh Twelve Thousand One Hundred Fifty Six Only
7	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work of M25 grade with minimum cement content not less than 330 kg /cum using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement,admixture in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per drawings, detailed specifications and directions of the Engineer-in-charge.	m ³	30.00	10,580.78	Rupees Ten Thousand Five Hundred Eighty and Seventy Eight Paise Only	3,17,423.40	Rupees Three Lakh Seventeen Thousand Four Hundred Twenty Three and Forty Paise Only
8	Providing Autoclaved Aerated Concrete (AAC) block masonry with 150 mm to 300 mm thick with Grade-1 AAC blocks of density 551 to 650 kg/cum conforming to IS:2185 (Part 3) in super structure with approved block laying polymer modified adhesive mortar with RCC band at sill level and lintel level all complete as per drawings, detailed specifications, direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	m ³	44.00	9,277.10	Rupees Nine Thousand Two Hundred Seventy Seven and Ten Paise Only	4,08,192.40	Rupees Four Lakh Eight Thousand One Hundred Ninety Two and Forty Paise Only
9	Centering and shuttering including strutting, propping etc. and removal of formwork for various RCC works such as Lintels, beams, plinth beams, girders, bressumers and cantilevers etc. complete as per drawings, specifications and directions of the Engineer-in-charge	m ²	60.00	819.77	Rupees Eight Hundred Nineteen and Seventy Seven Paise Only	49,186.20	Rupees Forty Nine Thousand One Hundred Eighty Six and Twenty Paise Only
10	Reinforced cement concrete work of 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands,plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement.	m ³	9.00	12,808.04	Rupees Twelve Thousand Eight Hundred Eight and Four Paise Only	1,15,272.36	Rupees One Lakh Fifteen Thousand Two Hundred Seventy Two and Thirty Six Paise Only
11	Providing 12 mm thick cement plaster of mix 1:4 (1 cement:4 fine sand) including cost and conveyance of all materials, labour charges, scaffolding, curing, sundries etc. complete as per detailed specifications and directions of the Engineer-in-charge.	m ²	200.00	371.09	Rupees Three Hundred Seventy One and Nine Paise Only	74,218.00	Rupees Seventy Four Thousand Two Hundred Eighteen Only
12	Applying priming coats with water thinnable cement primer of approved brand and manufacture.having low VOC (Volatile Organic Compound) content on wall surface having VOC content less than 50 grams/litre as per specifications and direction of the Engineer-in-charge	m ²	335.00	82.32	Rupees Eighty Two and Thirty Two Paise Only	27,577.20	Rupees Twenty Seven Thousand Five Hundred Seventy Seven and Twenty Paise Only
13	Providing wall painting with two coats of premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour as per specifications and direction of the Engineer-in-charge .	m ²	335.00	158.97	Rupees One Hundred Fifty Eight and Ninety Seven Paise Only	53,254.95	Rupees Fifty Three Thousand Two Hundred Fifty Four and Ninety Five Paise Only
14	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections with 50 mm micron Polyester powder coated aluminium of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings, specifications and the directions of Engineer-in charge.	kg	60.00	600.97	Rupees Six Hundred and Ninety Seven Paise Only	36,058.20	Rupees Thirty Six Thousand Fifty Eight and Twenty Paise Only

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15	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)	kg	251.00	716.29	Rupees Seven Hundred Sixteen and Twenty Nine Paise Only	1,79,788.79	Rupees One Lakh Seventy Nine Thousand Seven Hundred Eighty Eight and Seventy Nine Paise Only
16	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with float glass panes of 8 mm thickness (weight not less than 20 kg/sqm), EPDM rubber / neoprene gasket etc. complete as per the architectural drawings, specifications and the directions of Engineer-in-charge .	m ²	7.00	1,876.20	Rupees One Thousand Eight Hundred Seventy Six and Twenty Paise Only	13,133.40	Rupees Thirteen Thousand One Hundred Thirty Three and Forty Paise Only
17	Providing and fixing 12 mm thick prelaminated particle board (with decorative lamination on both sides) flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc.complete as per architectural drawings, specifications and directions of Engineer-in-charge.	m ²	15.00	1,241.67	Rupees One Thousand Two Hundred Forty One and Sixty Seven Paise Only	18,625.05	Rupees Eighteen Thousand Six Hundred Twenty Five and Five Paise Only
18	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, with stainless steel cover plate of minimum 1.25 mm thickness having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per drawings, specifications and direction of Engineerin- charge.	E	8.00	3,143.54	Rupees Three Thousand One Hundred Forty Three and Fifty Four Paise Only	25,148.32	Rupees Twenty Five Thousand One Hundred Forty Eight and Thirty Two Paise Only
19	Providing and fixing 40 mm nominal dia Chlorinated Polyvinyl Chloride (CPVC) pipes for external work, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per specifications and direction of Engineer in Charge.	m	150.00	626.79	Rupees Six Hundred Twenty Six and Seventy Nine Paise Only	94,018.50	Rupees Ninety Four Thousand Eighteen and Fifty Paise Only
20	Providing and fixing 20 mm nominal dia Chlorinated Polyvinyl Chloride (CPVC) pipes for external work , having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per specifications and direction of Engineer in Charge.	m	51.00	305.35	Rupees Three Hundred Five and Thirty Five Paise Only	15,572.85	Rupees Fifteen Thousand Five Hundred Seventy Two and Eighty Five Paise Only
21	Providing and fixing 15 mm nominal dia Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases for concealed work and making good the walls including testing of joints complete as per specifications and direction of Engineer in Charge.	m	45.00	554.16	Rupees Five Hundred Fifty Four and Sixteen Paise Only	24,937.20	Rupees Twenty Four Thousand Nine Hundred Thirty Seven and Twenty Paise Only
22	Providing and fixing 40 mm nominal bore gun metal gate valve with C.I. wheel of approved quality (screwed end) as per specifications and direction of Engineer in Charge.	E	2.00	919.62	Rupees Nine Hundred Nineteen and Sixty Two Paise Only	1,839.24	Rupees One Thousand Eight Hundred Thirty Nine and Twenty Four Paise Only
23	Providing and fixing 20 mm nominal bore gun metal gate valve with C.I. wheel of approved quality (screwed end) as per specifications and direction of Engineer in Charge.	E	19.00	601.08	Rupees Six Hundred One and Eight Paise Only	11,420.52	Rupees Eleven Thousand Four Hundred Twenty and Fifty Two Paise Only
24	Providing and fixing 20 mm nominal bore brass bib cock of approved quality as per specifications and direction of Engineer in Charge.	E	13.00	443.66	Rupees Four Hundred Forty Three and Sixty Six Paise Only	5,767.58	Rupees Five Thousand Seven Hundred Sixty Seven and Fifty Eight Paise Only
25	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet as per specifications and direction of Engineer in Charge.	E	23.00	200.00	Rupees Two Hundred Only	4,600.00	Rupees Four Thousand Six Hundred Only
26	Supplying, jointing and fixing 63mm OD PVC pipe (class 5) with ISI mark on walls including all specials for water supply as per specifications and direction of Engineer in Charge.	m	55.00	393.30	Rupees Three Hundred Ninety Three and Thirty Paise Only	21,631.50	Rupees Twenty One Thousand Six Hundred Thirty One and Fifty Paise Only

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27	Supplying, jointing and laying/ fixing 110mm dia. PVC pipe(class 2) buried/ above ground for drainage disposal as per specifications and direction of Engineer in Charge.	m	22.00	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	7,453.60	Rupees Seven Thousand Four Hundred Fifty Three and Sixty Paise Only
28	Supplying, jointing and laying/ fixing 160mm dia. PVC pipe(class 2) buried/ above ground for drainage disposal as per specifications and direction of Engineer in Charge.	m	55.00	612.10	Rupees Six Hundred Twelve and Ten Paise Only	33,665.50	Rupees Thirty Three Thousand Six Hundred Sixty Five and Fifty Paise Only
29	Providing & filling with 6mm aggregate mixed with quarry dust (1:1 ratio) inside basement including compaction/consolidation as per specifications and directions of the Engineer-in-charge.	m ³	130.00	3,099.70	Rupees Three Thousand Ninety Nine and Seventy Paise Only	4,02,961.00	Rupees Four Lakh Two Thousand Nine Hundred Sixty One Only
30	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) including compacting and curing excluding the cost of centering and shuttering etc. complete for all work up to plinth level as per drawings and directions of the Engineer-in-charge	m ³	175.00	7,583.19	Rupees Seven Thousand Five Hundred Eighty Three and Nineteen Paise Only	13,27,058.25	Rupees Thirteen Lakh Twenty Seven Thousand Fifty Eight and Twenty Five Paise Only
31	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make with tile cost not less than Rs. 608/m ² , in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm excluding epoxy grouting of joints, complete as per specifications and direction of Engineer in Charge.	m ²	81.00	1,587.55	Rupees One Thousand Five Hundred Eighty Seven and Fifty Five Paise Only	1,28,591.55	Rupees One Lakh Twenty Eight Thousand Five Hundred Ninety One and Fifty Five Paise Only
32	Providing and fixing 1st quality ceramic glazed floor tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make with tile cost not less than Rs.270/m ² in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm excluding epoxy grouting of joints complete as per specifications and direction of Engineer in Charge.	m ²	280.00	1,396.69	Rupees One Thousand Three Hundred Ninety Six and Sixty Nine Paise Only	3,91,073.20	Rupees Three Lakh Ninety One Thousand Seventy Three and Twenty Paise Only
33	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per specifications and direction of Engineer-in-charge.	m ²	360.00	415.62	Rupees Four Hundred Fifteen and Sixty Two Paise Only	1,49,623.20	Rupees One Lakh Forty Nine Thousand Six Hundred Twenty Three and Twenty Paise Only
34	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern with cost of water closet not less than Rs.13,840/- including integrated white vitreous china cistern of capacity 10 litre with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per specifications and directions of Engineer-in-Charge.	E	13.00	20,274.78	Rupees Twenty Thousand Two Hundred Seventy Four and Seventy Eight Paise Only	2,63,572.14	Rupees Two Lakh Sixty Three Thousand Five Hundred Seventy Two and Fourteen Paise Only
35	Providing and fixing White Vitreous China Wash basin size 630x450mm with cost not less than Rs.1,750/- along 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 required as per specifications and directions of Engineer-in-Charge.	E	18.00	2,948.73	Rupees Two Thousand Nine Hundred Forty Eight and Seventy Three Paise Only	53,077.14	Rupees Fifty Three Thousand Seventy Seven and Fourteen Paise Only
36	Providing and fixing white vitreous china pedestal for wash basin with cost not less than Rs.1,300/- completely recessed at the back for the reception of pipes and fittings as per specifications and directions of Engineer-in-Charge..	E	20.00	1,873.92	Rupees One Thousand Eight Hundred Seventy Three and Ninety Two Paise Only	37,478.40	Rupees Thirty Seven Thousand Four Hundred Seventy Eight and Forty Paise Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
37	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption) cost not less than Rs.6,400/-, having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	E	4.00	8,882.53	Rupees Eight Thousand Eight Hundred Eighty Two and Fifty Three Paise Only	35,530.12	Rupees Thirty Five Thousand Five Hundred Thirty and Twelve Paise Only
38	Providing and fixing Oval shape 450x350 mm (outer dimensions) size mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing as per specifications and directions of Engineer-in-Charge.	E	18.00	1,611.28	Rupees One Thousand Six Hundred Eleven and Twenty Eight Paise Only	29,003.04	Rupees Twenty Nine Thousand Three and Four Paise Only
39	Supply and fixing good quality Health Faucets with SS hose & hook or approved equ. Make including fitting etc complete as per specifications and directions of Engineer-in-Charge..	E	13.00	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	8,794.50	Rupees Eight Thousand Seven Hundred Ninety Four and Fifty Paise Only
40	Providing and fixing C.P. brass toilet paper holder as per specifications and directions of Engineer-in-Charge..	E	13.00	894.69	Rupees Eight Hundred Ninety Four and Sixty Nine Paise Only	11,630.97	Rupees Eleven Thousand Six Hundred Thirty and Ninety Seven Paise Only
41	Constructing brick masonry manhole of inside size 90 x 80 cm and 45 cm deep with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : including FRP.cover with frame (light duty 2.5T) 455x610 mm internal dimensions as per specifications and directions of Engineer-in-Charge	E	6.00	14,216.30	Rupees Fourteen Thousand Two Hundred Sixteen and Thirty Paise Only	85,297.80	Rupees Eighty Five Thousand Two Hundred Ninety Seven and Eighty Paise Only
42	Supplying ferro cement septic tank of minimum width not less than 75cm with wall thickness not less than 50mm with 8 mm steel frame work , full covering with welded chicken mesh with 14 gauge on both sides of frame work including transporting, loading,unloading, installing as per specifications and the direction of the Engineer-in charge.	litre	5000.00	15.00	Rupees Fifteen Only	75,000.00	Rupees Seventy Five Thousand Only
43	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 as per drawings, specifications and the direction of the Engineer-in-charge.	kg	2800.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	4,16,752.00	Rupees Four Lakh Sixteen Thousand Seven Hundred Fifty Two Only
44	Painting two or more coats on new work with synthetic enamel paint of approved brand and manufacture to give an even shade on new work as per specifications and direction of Engineer-in-charge.	m ²	101.00	173.55	Rupees One Hundred Seventy Three and Fifty Five Paise Only	17,528.55	Rupees Seventeen Thousand Five Hundred Twenty Eight and Fifty Five Paise Only
45	Providing and fixing 0.63 mm thick with zinc coating not less than 275 gm/ m ² corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins,rafters and trusses and including cutting to size and shape wherever required as per drawings, specifications and the direction of the Engineer-in-charge.	m ²	200.00	1,210.78	Rupees One Thousand Two Hundred Ten and Seventy Eight Paise Only	2,42,156.00	Rupees Two Lakh Forty Two Thousand One Hundred Fifty Six Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
46	Providing and fixing false ceiling with 15 mm thick Tegular edged light weight calcium silicate false ceiling tiles at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595 mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on interlocking metal T-Grid of hot dipped galvanised iron section of 0.33 mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 24x38 mm of length 3000 mm,cross - T of size 24x32 mm of length 1200 mm and secondary intermediate cross-T of size 24x32 mm of length 600 mm to formgrid module of size 600 x 600 mm,suspended from ceiling using galvanised mild steel items (galvanizing @80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6 mm thick with precut hole on both 25 mm flange to pierce into 12x50 mm or even bigger size dash fastener if require, fixed with Glavanised iron perimeter wall angle or size 24x24x0.40 mm of length 3000 mm to befixed on periphey wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall S.S screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge	m ²	155.00	2,456.85	Rupees Two Thousand Four Hundred Fifty Six and Eighty Five Paise Only	3,80,811.75	Rupees Three Lakh Eighty Thousand Eight Hundred Eleven and Seventy Five Paise Only
47	Constructing soak pit 1.20x1.20x1.20 m with honey comb brick masonry filled with brick bats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design as per specifications and direction of Engineer-in-charge.	E	3.00	3,217.29	Rupees Three Thousand Two Hundred Seventeen and Twenty Nine Paise Only	9,651.87	Rupees Nine Thousand Six Hundred Fifty One and Eighty Seven Paise Only
48	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm with SS fastners/ screws having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness .The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat . Door frame laminate shall be 2 mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. The work shall be carried out as per specifications, drawing and as per directions of theEngineer-in-Charge	m	39.00	635.59	Rupees Six Hundred Thirty Five and Fifty Nine Paise Only	24,788.01	Rupees Twenty Four Thousand Seven Hundred Eighty Eight and One Paise Only
49	Providing and fixing to existing door frames.30 mm thick Fiberglass Reinforced Plastic (F.R.P.) flush door shutter in different plain and wood finish made with fire retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate all around, with suitable wooden blocks inside at required places for fixing of fittings and polyurethane foam (PUF)/Polystyrene foam to be used as filler material throughout the hollow panel, casted monolithically with testing parameters of F.R.P. laminate conforming to table - 3 of IS: 14856, complete as per direction of Engineer-in-charge.	m2	22.00	4,997.14	Rupees Four Thousand Nine Hundred Ninety Seven and Fourteen Paise Only	1,09,937.08	Rupees One Lakh Nine Thousand Nine Hundred Thirty Seven and Eight Paise Only
50	Providing and fixing Hand Dryer single phase (Jaquar Model No. HDR-SSF-AK2803D 1150W or equivalent rated power, seamless 304 SS shell, water proof, sensing distance 15-20cm, heating power 650-750W and air speed 60 m/s as per specifications and directions of theEngineer-in-Charge.	E	4.00	8,474.58	Rupees Eight Thousand Four Hundred Seventy Four and Fifty Eight Paise Only	33,898.32	Rupees Thirty Three Thousand Eight Hundred Ninety Eight and Thirty Two Paise Only
51	Providing and fixing White Agaria Marble Stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth.	m ²	3.00	3,896.74	Rupees Three Thousand Eight Hundred Ninety Six and Seventy Four Paise Only	11,690.22	Rupees Eleven Thousand Six Hundred Ninety and Twenty Two Paise Only
	TOTAL OF PART - B					62,14,415.42	Rupees Sixty Two Lakh Fourteen Thousand Four Hundred Fifteen and Forty One Paise Only

(C). PART-C - Roofed Passage between Tent and Cruise Terminal

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
1	Taking out existing CC interlocking paver blocks from Parking area/road, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	m ²	11.00	146.67	Rupees One Hundred Forty Six and Sixty Seven Paise Only	1,613.37	Rupees One Thousand Six Hundred Thirteen and Thirty Seven Paise Only
2	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) in all kinds of soil including getting out and disposal of excavated earth lead upto 50 m and for all lift, as per drawings and directions of Engineer-in-charge.	m ³	6.30	197.59	Rupees One Hundred Ninety Seven and Fifty Nine Paise Only	1,244.82	Rupees One Thousand Two Hundred Forty Four and Eighty One Paise Only
3	Centering and shuttering including strutting, propping etc. and removal of form work for various RCC works such as Foundations, footings, bases for columns etc. complete as per drawings, specifications and directions of Engineer-in-charge	m ²	47.00	436.55	Rupees Four Hundred Thirty Six and Fifty Five Paise Only	20,517.85	Rupees Twenty Thousand Five Hundred Seventeen and Eighty Five Paise Only
4	Providing and laying in position cement concrete of 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) excluding the cost of centering and shuttering for all work up to plinth level, as per the drawings. specifications and direction of Engineer-in-charge..	m ³	1.10	7,583.19	Rupees Seven Thousand Five Hundred Eighty Three and Nineteen Paise Only	8,341.51	Rupees Eight Thousand Three Hundred Forty One and Fifty Paise Only
5	Providing and laying in position cement concrete of 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) excluding the cost of centering and shuttering for all work up to plinth level as per the drawings, specifications and direction of Engineer-in-charge.	m ³	4.25	8,770.42	Rupees Eight Thousand Seven Hundred Seventy and Forty Two Paise Only	37,274.29	Rupees Thirty Seven Thousand Two Hundred Seventy Four and Twenty Eight Paise Only
6	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and including applying a priming coat of approved steel primer all complete as per specifications and direction of Engineer-in-charge.	kg	5700.00	148.84	Rupees One Hundred Forty Eight and Eighty Four Paise Only	8,48,388.00	Rupees Eight Lakh Forty Eight Thousand Three Hundred Eighty Eight Only
7	Painting two or more coats on new work with synthetic enamel paint to give an even shade over an under coat of suitable shade with ordinary paint of approved brand and manufacture as per specifications and direction of Engineer-in-charge.	m ²	200.00	193.20	Rupees One Hundred Ninety Three and Twenty Paise Only	38,640.00	Rupees Thirty Eight Thousand Six Hundred Forty Only
8	Providing and fixing 0.63mm thick corrugated G.S. sheet roofing with zinc coating not less than 275 gm/ m ² including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per specifications and direction of Engineer-in-charge.	m ²	300.00	1,210.78	Rupees One Thousand Two Hundred Ten and Seventy Eight Paise Only	3,63,234.00	Rupees Three Lakh Sixty Three Thousand Two Hundred Thirty Four Only
9	Providing ridges or hips of width 60 cm overall width using plain 0.63mm thick G.S. sheet with zinc coating not less than 275 gm/m ² fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia G.I. limpet and bitumen washers complete as per specifications and direction of Engineer-in-charge.	m	50.00	1,091.50	Rupees One Thousand Ninety One and Fifty Paise Only	54,575.00	Rupees Fifty Four Thousand Five Hundred Seventy Five Only
	TOTAL OF PART - C					13,73,828.83	Rupees Thirteen Lakh Seventy Three Thousand Eight Hundred Twenty Eight and Eighty Three Paise Only
(D)	PART-D - Supply, Installation, Testing and Commissioning of 8.5 /8 TR Jet diffuser AC Systems						
1	Supply, Installation, testing and commissioning of approx. 8.5/8 TR fixed speed ductable split unit Jet diffuser AC Systems including INDOOR and OUTDOOR Unit . R410A refrigerant including all materials for commissioning , foundation works, Aesthetic covering materials for Indoor units, GI/SS Additional Drain tray with nitrile rubber insulation for IDU etc. are inclusive	No	12.00	1,82,226.57	Rupees One Lakh Eighty Two Thousand Two Hundred Twenty Six and Fifty Seven Paise Only	21,86,718.84	Rupees Twenty One Lakh Eighty Six Thousand Seven Hundred Eighteen and Eighty Four Paise Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
2	Supply and charging of additional refrigerant - R407C	kg	210.00	1,101.69	Rupees One Thousand One Hundred One and Sixty Nine Paise Only	2,31,354.90	Rupees Two Lakh Thirty One Thousand Three Hundred Fifty Four and Ninety Paise Only
3	Supply & installation of Hard drawn copper refrigerant piping of various dia with 13 mm nitrile rubber tubular insulation for 8.5 TR Ductable Air conditioners	Rmt	150.00	2,033.90	Rupees Two Thousand Thirty Three and Ninety Paise Only	3,05,085.00	Rupees Three Lakh Five Thousand Eighty Five Only
4	Supply & installation of suitable casing and capping 300 mm for enclosing copper refrigerant piping.	Rmt	120.00	550.85	Rupees Five Hundred Fifty and Eighty Five Paise Only	66,102.00	Rupees Sixty Six Thousand One Hundred Two Only
5	Supply & installation of CU control cabling between indoor to outdoor of Ductable Unit with conduit pipe (4 core x 2.5 sqmm)	Rmt	300.00	192.06	Rupees One Hundred Ninety Two and Six Paise Only	57,618.00	Rupees Fifty Seven Thousand Six Hundred Eighteen Only
6	Supply, Installation, testing & commissioning of canvass connection as required.	set	12.00	3,050.85	Rupees Three Thousand Fifty and Eighty Five Paise Only	36,610.20	Rupees Thirty Six Thousand Six Hundred Ten and Twenty Paise Only
7	Supply, Installation, testing and commissioning of fabricated ducting plenum JSW, (120 GSM)(Box) - 24 G Rectangular Duct.(TDF)(0.80mm) including Thermal and Acoustic Insulation with suitable size of nitrile rubber as required.	m ²	108.00	2,457.63	Rupees Two Thousand Four Hundred Fifty Seven and Sixty Three Paise Only	2,65,424.04	Rupees Two Lakh Sixty Five Thousand Four Hundred Twenty Four and Four Paise Only
8	Supply, Installation of round Alu. Powder coated Jet Diffuser with damper of desired dia as per the CFM requirements and locations.	No	48.00	4,661.02	Rupees Four Thousand Six Hundred Sixty One and Two Paise Only	2,23,728.96	Rupees Two Lakh Twenty Three Thousand Seven Hundred Twenty Eight and Ninety Six Paise Only
9	Supply, fabrication and fixing of MS Channel / Angle pedestal for ODU's including Epoxy painting as required.	No	12.00	8,050.85	Rupees Eight Thousand Fifty and Eighty Five Paise Only	96,610.20	Rupees Ninety Six Thousand Six Hundred Ten and Twenty Paise Only
10	Supply, fabrication and fixing of MS Channel Support for IDU and duct plenum Hanging arrangements including epoxy painting as required.	No	12.00	10,593.22	Rupees Ten Thousand Five Hundred Ninety Three and Twenty Two Paise Only	1,27,118.64	Rupees One Lakh Twenty Seven Thousand One Hundred Eighteen and Sixty Four Paise Only
11	Supply, Installation, testing and commissioning of : (a) 32 mm Rigid PVC Drain piping with 9 mm nitrile rubber tublar insulation, complete fittings, U trap as specified nearest drain point	Rmt	75.00	186.44	Rupees One Hundred Eighty Six and Forty Four Paise Only	13,983.00	Rupees Thirteen Thousand Nine Hundred Eighty Three Only
12	SITC of 1.5 TR AC, inverter, 5 Star with ODU & IDU stands/angle supports as per site condition, Copper tubes as required, insulation materials etc, Stabilizer 4 kVA all in complete as per requirements including supports/stands etc.	No	3.00	41,823.74	Rupees Forty One Thousand Eight Hundred Twenty Three and Seventy Four Paise Only	1,25,471.22	Rupees One Lakh Twenty Five Thousand Four Hundred Seventy One and Twenty Two Paise Only
	TOTAL OF PART- D					37,35,825.00	Rupees Thirty Seven Lakh Thirty Five Thousand Eight Hundred Twenty Five Only
(E) PART-E - Electrical Works.							
1	Supply, installing, testing, commissioning of the LT Double Door Panel - 400 A, 3 Phase and shall also include the following: Incomer: 400A 4P MCCB - 01 nos, Outgoing: 160 A 4P MCCB - 01 No., 63A 4P MCCB - 8 Nos including foundation as required.	No	1.00	3,31,244.92	Rupees Three Lakh Thirty One Thousand Two Hundred Forty Four and Ninety Two Paise Only	3,31,244.92	Rupees Three Lakh Thirty One Thousand Two Hundred Forty Four and Ninety Two Paise Only
2	SITC of MV panel with Incomer -160 A , 4P MCCB - 01 No. , Outgoing 63A 4P MCCB- 8 nos including foundation & all materials as required.	No	1.00	2,10,375.42	Rupees Two Lakh Ten Thousand Three Hundred Seventy Five and Forty Two Paise Only	2,10,375.42	Rupees Two Lakh Ten Thousand Three Hundred Seventy Five and Forty Two Paise Only
3	Supply of 3.5C x 300 sq mm Aluminium armoured cable (Substation panel to Main Panel(400 A)), under ground ,clamping along walls including all materials as required at Substation.	Rmt	150.00	1,587.63	Rupees One Thousand Five Hundred Eighty Seven and Sixty Three Paise Only	2,38,144.50	Rupees Two Lakh Thirty Eight Thousand One Hundred Forty Four and Fifty Paise Only
4	Laying of 3.5C x 300 sq mm Aluminium armoured cable XLPE power cable of 1.1 KV grade (Main panel to Sub - Panel)direct in ground including excavation, sand cushioning, brick protective covering and refilling the trench, relaying the tiles etc after the work as required.	Rmt	75.00	555.77	Rupees Five Hundred Fifty Five and Seventy Seven Paise Only	41,682.75	Rupees Forty One Thousand Six Hundred Eighty Two and Seventy Five Paise Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
5	Laying and fixing of one number 3.5C x 300 sq mm Aluminium armoured cable XLPE power cable of 1.1 KV grade on wall surface as required.	Rmt	75.00	264.99	Rupees Two Hundred Sixty Four and Ninety Nine Paise Only	19,874.25	Rupees Nineteen Thousand Eight Hundred Seventy Four and Twenty Five Paise Only
6	Supply and laying of 3.5C x 120 sq mm Aluminium armoured cable (Main panel to Sub - Panel(160 A) under ground ,clamping along walls, through HDPE pipe including all materials etc.including all materials as required.	Rmt	45.00	845.53	Rupees Eight Hundred Forty Five and Fifty Three Paise Only	38,048.85	Rupees Thirty Eight Thousand Forty Eight and Eighty Five Paise Only
7	Supply and laying of 3.5 C x 25 Sq mm Aluminium armoured UG cable (Sub - Panel to out door isolator/DBs)	Rmt	240.00	215.65	Rupees Two Hundred Fifteen and Sixty Five Paise Only	51,756.00	Rupees Fifty One Thousand Seven Hundred Fifty Six Only
8	Supply and laying of 4 x 16 mm copper armoured UG cable (outdoor isolator to ODU)	Rmt	67.50	1,056.10	Rupees One Thousand Fifty Six and Ten Paise Only	71,286.75	Rupees Seventy One Thousand Two Hundred Eighty Six and Seventy Five Paise Only
9	Supply and end termination of 3.5 C x 300 sq mm Aluminium armoured UG cable	No	3	1,401.14	Rupees One Thousand Four Hundred One and Fourteen Paise Only	4,203.42	Rupees Four Thousand Two Hundred Three and Forty Two Paise Only
10	Supply and providing of end termination of 4 x 16 mm Copper armoured UG cable	No	25	686.97	Rupees Six Hundred Eighty Six and Ninety Seven Paise Only	17,174.25	Rupees Seventeen Thousand One Hundred Seventy Four and Twenty Five Paise Only
11	Supply and installation of 63 A 4 pole isolator with Polycarbonate lockable box, cable glands, pin connectors and angle supports as required in complete for installation.	No	12	7,500.00	Rupees Seven Thousand Five Hundred Only	90,000.00	Rupees Ninety Thousand Only
12	Supply and installation of 25 x 3 GI strip (outdoor unit earthing)	m	37.5	1,200.00	Rupees One Thousand Two Hundred Only	45,000.00	Rupees Forty Five Thousand Only
13	Supply and installation of 10 SWG copper (earthing Panel DB and isolator box)	m	75	162.00	Rupees One Hundred Sixty Two Only	12,150.00	Rupees Twelve Thousand One Hundred Fifty Only
14	Supplying and laying of following size HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.						
	(a) 110 mm dia, thickness 5mm	m	100.00	209.45	Rupees Two Hundred Nine and Forty Five Paise Only	20,945.00	Rupees Twenty Thousand Nine Hundred Forty Five Only
	(b) 90 mm dia, thickness 5mm	m	100.00	150.31	Rupees One Hundred Fifty and Thirty One Paise Only	15,031.00	Rupees Fifteen Thousand Thirty One Only
15	Supply and providing Earthing using copper bonded earth rod 1 m giving connections in complete including Polycarbonate Earth Cover.	No	24.00	1,200.00	Rupees One Thousand Two Hundred Only	28,800.00	Rupees Twenty Eight Thousand Eight Hundred Only
16	Earthing with G.I. earth pipe 3 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal/ coke and salt) as required as per IS.	No	2.00	6,293.98	Rupees Six Thousand Two Hundred Ninety Three and Ninety Eight Paise Only	12,587.96	Rupees Twelve Thousand Five Hundred Eighty Seven and Ninety Six Paise Only
17	Supply of 3C X 2.5 Sqmm Copper Cables , UG/XLPE insulated , FRLSH PVC sheathed, cores laid up, PVC tape/Extruded Innersheathed for Multicore Cables , Armour extruded PVC , 1100V grade as per IS .	m	425.00	149.11	Rupees One Hundred Forty Nine and Eleven Paise Only	63,371.75	Rupees Sixty Three Thousand Three Hundred Seventy One and Seventy Five Paise Only
18	Laying of one number 3CX 2.5 Sqmm Copper Cables XLPE Insulated, PVC sheathed , Armoured, UG power cable of 1.1 KV grade of following through white conduit pipes of suitable size , clamping along walls/securing using PVC cable ties , etc as required along the pavillion support, beams etc.	m	425.00	32.83	Rupees Thirty Two and Eighty Three Paise Only	13,952.75	Rupees Thirteen Thousand Nine Hundred Fifty Two and Seventy Five Paise Only
19	Supply and laying of 32 mm dia. ISI marked, PVC conduit for laying/drawing 3C x 2.5 sq mm cables etc.	m	425.00	53.94	Rupees Fifty Three and Ninety Four Paise Only	22,924.50	Rupees Twenty Two Thousand Nine Hundred Twenty Four and Fifty Paise Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
20	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLSH PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.						
	(a) 2x4Sqmm+ 1x4sqmm(P+N+E).	m	80.00	501.83	Rupees Five Hundred One and Eighty Three Paise Only	40,146.40	Rupees Forty Thousand One Hundred Forty Six and Forty Paise Only
	(b) 2x2.5Sqmm+ 1x2.5sqmm(P+N+E).	m	288.00	432.65	Rupees Four Hundred Thirty Two and Sixty Five Paise Only	1,24,603.20	Rupees One Lakh Twenty Four Thousand Six Hundred Three and Twenty Paise Only
	(c) 2 x 1.5 sqmm + 1 x 1.5 sqmm (P+N+E).	m	180.00	383.41	Rupees Three Hundred Eighty Three and Forty One Paise Only	69,013.80	Rupees Sixty Nine Thousand Thirteen and Eighty Paise Only
21	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm 1.1KV grade 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 1.5sq.mm. FRLS PVC insulated copper conductor single core cable, ceiling rose etc as required.	Each	35.00	1,694.26	Rupees One Thousand Six Hundred Ninety Four and Twenty Six Paise Only	59,299.10	Rupees Fifty Nine Thousand Two Hundred Ninety Nine and Ten Paise Only
22	Providing & fixing single module, modular switch, modular plate, suitable GI/PVC box and earthing the point with 1.5sq.mm. FRLS PVC insulated copper conductor single core cable for giving supply to light fittings	Each	28.00	401.00	Rupees Four Hundred One Only	11,228.00	Rupees Eleven Thousand Two Hundred Twenty Eight Only
23	SITC of Poly carbonate IP 66 JB , 93 x 93 x 62mm, 1.5 - 2.5 sq.mm, with terminal blocks, metric knockouts with cable entry & required cable PG glands	Each	30.00	587.00	Rupees Five Hundred Eighty Seven Only	17,610.00	Rupees Seventeen Thousand Six Hundred Ten Only
24	SITC of 32 amps. SPN, industrial type socket outlet, with plug top and metal chained cover in sheet steel enclosure	Each	6.00	2,511.50	Rupees Two Thousand Five Hundred Eleven and Fifty Paise Only	15,069.00	Rupees Fifteen Thousand Sixty Nine Only
25	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415V, 4 POLE MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 63A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB 4P DB is normally used where 3 phase outlets are required.) (a) 4 way (8+12) - double cover TPN vertical DB with provision for fixing 4P MCB / Isolator/ RCCB/ RCBO as incomer and SP/ TPN MCB as outgoing (IP 42/43)	Each	4.00	8,807.82	Rupees Eight Thousand Eight Hundred Seven and Eighty Two Paise Only	35,231.28	Rupees Thirty Five Thousand Two Hundred Thirty One and Twenty Eight Paise Only
26	Supplying and fixing following rating, Four pole, (Three phase and neutral),415 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 A FOUR POLE RCCB 30 MA	Each	4.00	3,367.42	Rupees Three Thousand Three Hundred Sixty Seven and Forty Two Paise Only	13,469.68	Rupees Thirteen Thousand Four Hundred Sixty Nine and Sixty Eight Paise Only
27	Supplying and fixing 6 A to 32 A rating, 240/415 V,10 kA Single pole , "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 MCB	Each	40.00	300.16	Rupees Three Hundred and Sixteen Paise Only	12,006.40	Rupees Twelve Thousand Six and Forty Paise Only
28	Supplying and fixing following rating, Four pole, (Three phase and neutral),415 V, miniature circuit breaker, in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 A FOUR POLE MCB	Each	4.00	1,569.00	Rupees One Thousand Five Hundred Sixty Nine Only	6,276.00	Rupees Six Thousand Two Hundred Seventy Six Only
29	SITC of 15/18 W OD LED Spot/Focus light with all accessories for fixing.	No	18.00	1,815.85	Rupees One Thousand Eight Hundred Fifteen and Eighty Five Paise Only	32,685.30	Rupees Thirty Two Thousand Six Hundred Eighty Five and Thirty Paise Only
30	Supplying and fixing of 4 feet LED Tubelight fittings 20W make Havells Endura Linear Neo or Equivalent	Each	15.00	600.00	Rupees Six Hundred Only	9,000.00	Rupees Nine Thousand Only
31	Supplying and fixing LED mirror light 7/9 watt ,warm white Moonglade pic light philips or its equal	Each	8.00	1,219.00	Rupees One Thousand Two Hundred Nineteen Only	9,752.00	Rupees Nine Thousand Seven Hundred Fifty Two Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
32	Supply of Highbay luminaire Industrial type with AL -PDC Housing, round shaped LED highbay luminaire 150 W ,120 Lm /W with PC diffuser & high efficacy. IP66 protection rating.	No	20.00	5,605.00	Rupees Five Thousand Six Hundred Five Only	1,12,100.00	Rupees One Lakh Twelve Thousand One Hundred Only
33	Supply of 30 W Pressure Die Casting aluminium Housing LED wellglass with PC diffuser. IP66 Protection rating. 'I' bolt and cradle for provided for mounting.	No	8.00	2,124.00	Rupees Two Thousand One Hundred Twenty Four Only	16,992.00	Rupees Sixteen Thousand Nine Hundred Ninety Two Only
34	Installation, Testing & Commissioning of 30/150 W Pressure Die Casting aluminium Housing LED well glass fittings with necessary angle supports as per site condition	No	28.00	267.09	Rupees Two Hundred Sixty Seven and Nine Paise Only	7,478.52	Rupees Seven Thousand Four Hundred Seventy Eight and Fifty Two Paise Only
35	Supplying and fixing LED fancy hanging light/2*2 feet light fittings for porch (min 30 W)Warranty - 2 year.	m	3.00	3,581.00	Rupees Three Thousand Five Hundred Eighty One Only	10,743.00	Rupees Ten Thousand Seven Hundred Forty Three Only
36	Supplying and fixing Polycarbonate Modular Switch box along with modular base and cover plate for 3 modular switches and 3 pin 5/6 A socket outlet in recess etc.	Each	25.00	1,323.76	Rupees One Thousand Three Hundred Twenty Three and Seventy Six Paise Only	33,094.00	Rupees Thirty Three Thousand Ninety Four Only
37	Supplying and fixing Polycarbonate Modular Switch box along with modular base and cover plate for 1 modular switches and 3 pin 5/6 A socket outlet in recess etc.	Each	10.00	441.25	Rupees Four Hundred Forty One and Twenty Five Paise Only	4,412.50	Rupees Four Thousand Four Hundred Twelve and Fifty Paise Only
38	Supplying and fixing Polycarbonate Modular Switch box along with modular base and cover plate for 1 modular switches 16/20 A and 6 pin16/20 A socket outlet in recess etc.	Each	10.00	797.30	Rupees Seven Hundred Ninety Seven and Thirty Paise Only	7,973.00	Rupees Seven Thousand Nine Hundred Seventy Three Only
39	Supply, conveyance, installation, testing and commissioning of the 305 mm, single phase, heavy duty, 1400 rpm PVC exhaust fan in the opening with supports frame, fixing necessary bolt and nuts, including shutter panel and nuts, making good the damages etc. as required including giving connections with required length of 24/0.20mm PVC insulated and PVC sheathed 3 core round copper conductor flex wire conforming to relevant ISS.	Each	4.00	2,629.00	Rupees Two Thousand Six Hundred Twenty Nine Only	10,516.00	Rupees Ten Thousand Five Hundred Sixteen Only

Sl. No.	Sub- heads and items of work	Unit	Approximate Quantity	Departmental Rate/ unit Price (Rs)	Departmental Rate in Words	Departmental Amount in Rs.	Departmental Amount in Words
40	Supply, installation, testing and commissioning of BLDC ceiling fans of the following sizes using standard accessories including electronic regulator, wiring the down rod with 16/0.20mm PVC insulated and PVC sheathed 650/1100V grade 3 core round copper conductor flex wire or with extended original wiring etc. as required. 1200 mm sweep - 5 star	No	5.00	2,791.00	<i>Rupees Two Thousand Seven Hundred Ninety One Only</i>	13,955.00	<i>Rupees Thirteen Thousand Nine Hundred Fifty Five Only</i>
41	Supply, conveyance, installation, testing and commissioning of the 450 mm, single phase, heavy duty, Industrial Type Air Circulators (Fan - metal blade) conforming to relevant ISS with necessary plug tops etc. Make : Almonard or Equivalent	No	10.00	6,823.00	<i>Rupees Six Thousand Eight Hundred Twenty Three Only</i>	68,230.00	<i>Rupees Sixty Eight Thousand Two Hundred Thirty Only</i>
	TOTAL OF PART-E					20,89,438.25	<i>Rupees Twenty Lakh Eighty Nine Thousand Four Hundred Thirty Eight and Twenty Five Paise Only</i>
	GRAND TOTAL					2,43,18,985.39	<i>Rupees Two Crore Forty Three Lakh Eighteen Thousand Nine Hundred Eighty Five and Thirty Eight Paise Only</i>
	BIDDER'S QUOTING AREA						
Sl. No.	Description of Work	Departmental Estimated Cost (Rs)	Percentage Quoted above/ below the Departmental Amount by the Bidder		Above/Below		
			* In Figures	*In Words			
	Percecnatge Quoted above / below the Departmental Amount shown in the above Schedule	2,43,18,985.39					

*** Note :**

- 1 Only three cells highlighted are only editable
- 2 The Bidder shall quote both in figures and words
- 3 The Bidders shall also quote Above / Below in words themselves.
- 4 Only two decimal digits will be accepted under "In Figures"
- 5 The rate filled at other places of the document are not acceptable
- 6 No condition shall be accepted

