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ප්‍රධාන ලේකම් කාර්යාලය - බස්නාහිර පළාත
பிரதான செயலாளர் அலுவலகம் - மேல் மாகாணம்
OFFICE OF THE CHIEF SECRETARY - WESTERN PROVINCE



204, ඩෙන්සිල් කොබ්බෑකඩුව මාවත, බත්තරමුල්ල.
 204, டென்சில் கொப்பேகடுவ மாவத்தை, பத்தரமுல்ல.
 204, Denzil Kobbekaduwa Mawatha, Battaramulla.



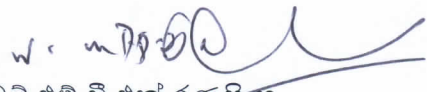
ප්‍රධාන ලේකම් பிரதான செயலாளர் Chief Secretary	}	දුරකථන / தொலைபேசி / Telephone - 011 - 2092599	}	පොදු දුරකථන / தொலைபேசி இலக்கம் / General Telephone } 011 - 2093000
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මගේ අංකය எனது இலக்கம் My No.	} CSWP/ENG-ADM/8-24/FI/1-A	}	ඔබේ අංකය உமது இலக்கம் Your No.	}	දිනය திகதி Date	} 2019.09.27
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සාමාන්‍යාධිකාරී, පළාත් බදු මාර්ග සංවර්ධන අධිකාරිය (බ.ප.),
 පළාත් සෞඛ්‍ය සේවා අධ්‍යක්ෂ, ප්‍රාදේශීය සෞඛ්‍ය අධ්‍යක්ෂ (කොළඹ, ගම්පහ, කළුතර)
 පළාත් පාලන කොමසාරිස් සහ සියලුම පළාත් පාලන ආයතන ලේකම්වරුන්,
 බස්නාහිර පළාතේ සියලුම ප්‍රාදේශීය ලේකම්වරුන්,
 ප්‍රාදේශීය ඉංජිනේරුවරුන්,

ගොඩනැගිලි ගාස්තු ලේඛණය 2019

ගොඩනැගිලි ගාස්තු උපලේඛණයේ සිදුකළ යුතු සංශෝධන සම්බන්ධව සාකච්ඡා කිරීම සඳහා 2019.09.16 දින රැස්වූ මිල කමිටු තීරණයට අනුව ඇමුණුමෙහි දක්වා ඇති සංශෝධන සිදු කිරීමට තීරණය වී ඇති බැවින් 2019.09.26 දින සිට බල පැවැත්වෙන පරිදි ගොඩනැගිලි ගාස්තු ලේඛණය සංශෝධනය කරන ලද බව කාරුණිකව දන්වමි.


 ඩබ්.එම්.ඩී.එන්.රණසිංහ
 නියෝජ්‍ය ප්‍රධාන ලේකම් (ඉංජිනේරු)
 බස්නාහිර පළාත

විකේතන ප්‍රධාන ලේකම් பிரதான செயலாளர் Deputy Chief Secretary	පාලන நிர்வாகம் Administration Tel : 0112092606 Fax : 0112092609 dcsa@cs.wpc.gov.lk	සිසිල් හා පුහුණු ஆளணி மற்றும் பயிற்சி Personnel & Training Tel : 0112092631 Fax : 0112092647 dcspt@cs.wpc.gov.lk	මුද්‍රණ நிதி Finance Tel : 0112092640 Fax : 0112092636 dcsfinance@cs.wpc.gov.lk	සංලක්ෂ්‍ය திட்டமிடல் Planning Tel : 0112092532 Fax : 0112092533 dsplan@cs.wpc.gov.lk	ඉංජිනේරු பொறியியல் Engineering Tel : 0112092501 Fax : 0112092505 dcs@eng.wpc.gov.lk	ප්‍රධාන අභ්‍යන්තර විභාග பிரதான உணர்வு ஆய்வாளர் Chief Internal Auditor Tel : 0112092628 Fax : 0112092625 cio@cs.wpc.gov.lk	
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ANNEXTURE -01

<u>NEW RATES</u>			
ITEM NO.	DESCRIPTION	UNIT	NEW RATE 2019
V 43	13 Amp switch socket outlet wired using 2x7/0.67(2x7/029) insulated copper wire & 1x7/0.67(7/029) copper earth wire in fully concealed/surface P.V.C. conduits. (Each Radial Circuit feed single no. of socket).		4,640.00
V 44	13 Amp switch socket outlet wired using 2x7/0.67(2x7/029) insulated copper wire & 1x7/0.67(7/029) copper earth wire in surface plastic casing and capping. (Each Radial Circuit feed single no. of socket).		5,225.00
W 54	<u>Glazed & Board Partition with Cement board & 5mm thick clear glass panes</u>		
	76 x 1.2mm thick natural aluminium partition frame, one part panelled with 6 mm thick single side Cement board, two boards in both sides of GI channel and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting & etc. work complete in order. (Rate shall include for painting)	Sq.ft.	595.00
W 58	<u>Full Board Partition with Cement board</u>		
	76 x 1.2mm thick natural aluminium partition frame, panelled with 6 mm thick Cement board partitioning, , two boards in both sides of GI channel completed with board joints taped with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting & etc. and work complete in order. (Painting to be paid seperately)	Sq.ft.	605.00

W 64a	<u>TYPE-II - Partition Door Panelled with one part glazing and Polyester coated Aluminium Composite Panel of total thickness 4mm with both sides Polyester coated Aluminium sheets of 0.2mm thick (two sheets kept back to back)</u>			
	76 x 1.2mm thick & 100 x 1.6mm thick natural aluminium single sash butt hinged openable door with middle rail one part panelled with Polyester coated Aluminium Composite Panel of total thickness 4mm with both sides Polyester coated Aluminium sheets of 0.2mm thick, two sheets kept back to back & total thickness of 8mm), and other part glazed with 5mm thick clear glass panes, neoprene and woold beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 19 - D27	Sq.ft.		1,825.00
W 64b	80 x 1.5mm thick natural aluminium single sash sliding door with middle rail, one part panelled with Polyester coated Aluminium Composite Panel of total thickness 4mm with both sides Polyester coated Aluminium sheets of 0.2mm thick (two sheets kept back to back & total thickness of 8mm), and other part panelled with 5mm thick clear glass panes, neoprene and woold beading, gaskets, pop rivots, threaded bar with nut, flush bolts, rollers and approved quality lock, door handle with cap nut. As per the members , sizes and details given in Drawing No: AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D28	Sq.ft.		1,525.00
	<u>SAND BLASTING</u>			
W 82	Supplying & fixing of Guage 100 Microns sand blasting sticker including surface preparation as per working order.	sq.ft		110.00
REVISED RATES				
ITEM NO.	DESCRIPTION	UNIT	RATE 2019 (PREVIOUS)	RATE 2019 (CORRECTED)
C 02	Cement concrete 1:3:6 (1") laid to a thickness of 2" under column/stair footings, including placing in position,compacting and curing.	Sqr.	8,000.00	7,545.00

C 03	Cement concrete 1:3:6 (1") in wall foundations, under column/stair footings including placing in position, compacting and curing.	Cube	47,985.00	45,255.00
D 10	Shuttering for sides of drains with 12mm thick plywood boards.	Sqr.	5,280.00	7,905.00
H 01	Random rubble (6"-9") masonry in cement sand mortar 1:5.	Cube	44,285.00	41,330.00
K 04	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished semi-rough .	L.ft.	243.00	110.00
K 05	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished semi-rough in first floor.	L.ft.	245.00	113.00
K 06	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished semi-rough in second floor.	L.ft.	248.00	115.00
K 09	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished smooth with skim coat in ground floor.	L.ft.	282.00	145.00
K 10	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished smooth with skim coat in first floor.	L.ft.	285.00	149.00
K 11	Plastering 5/8" thick to reveals width not exceeding 6" in cement and sand 1:5 finished smooth with skim coat in second floor.	L.ft.	288.00	152.00
M 17	Preparing and application two coats of water based stain and two coats of water based top coat to new wood work. Rate shall include for preparing the surface and sanding with sand paper No.80, 120, 180 and 320 or 400 . (Prime cost of "JAT - Masters brand" 4litres is water base stain - 4 L is Rs.4783.00.00 & water base top coat - 4L is 8870.00)	Sqr.	9,230.00	15,570.00
	<u>Landscaping</u>			
AB 07	Employing a labourer for maintaing the grass ball, rooted trees and flower pots for a period of 3 months. Rate shall include the cost of water, hiring charges for lawn mover/ grass-cutter machine, trimming with hand- held scissors, weeding, re-planting damaged areas and cost of fertilizer.	Per month	53,865.00	17,960.00

<u>REVISED UNITS</u>				
ITEM NO.	DESCRIPTION	PREVIOUS UNIT	REVISED UNIT	
C 34	Transport charges per Km per truck for load for over and above 20 km.	Km	Km/truck	
<u>REVISED DESCRIPTIONS & REVISED RATES</u>				
ITEM NO.	REVISED DESCRIPTION	UNIT	RATE 2019 (PREVIOUS)	RATE 2019 (REVISED)
U 38	Supplying and fixing 4'-0" dia.x 8'-0" Pre-cast Septic tank manufactured by "SEC" or approved equivalent placed on sand or quarry dust bedding from 1'-0" below bottom of the septic tank and fill upto 2'-0" height surrounding the tank. (Excavation and transport of the septic tank paid seperately) Rate shall include hire charges of boomtruck for placing and subject to specific approval by the Divisional Engineer. All details given in Drawing No:- WSS/ST/05.	Nr.	107,740.00	67,875.00
U 39	Supplying and fixing 3'-0" internal dia.x 4'-0" depth Pre-cast Soakage pit with perporated holes manufactured by "SEC" or approved equivalent. (Excavation, cost of the 6" thick gravel backing surrounding the tank and transport of the Soakage pit paid seperately). Rate shall include hire charges of boomtruck for placing and subject to specific approval by the Divisional Engineer. All details given in Drawing No:- WSS/ST/06	Nr.	52,430.00	27,190.00
Y 37	Supply and fix open groove type PvdF coated Aluminium Composite wall cladding of 4mm thickness with both sides PvdF coated aluminium sheets of 0.4mm thick including bronze anodised aluminium inner frame work to vertical walls up to 30'-0". As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/CLADDING/ 2019.03.18. Rate shall include for scaffolding.	Sq.ft.	575.00	890.00
AA 10	Supplying & fixing 2mm dia.gauge 14 galvanized barbed wire 6 strands, 3" apart on pre-cast concrete fence posts at 8'-0" interval with J bolts & nuts including straining. Maximum distance between barbs should be 100mm and minimum of 4 nodes between barbs.(Concrete fence Posts, J bolts & nuts paid seperately)	1.ft	91.00	15.00

<u>REVISED DESCRIPTION</u>		
ITEM NO.	PREVIOUS DESCRIPTION	REVISED DESCRIPTION
S 54	Supply and fix squatting pan with foot rest of "Rocell" brand model No. OPA651 or approved equivalent.	Supply and fix squatting pan with foot rest of "Rocell" brand model No. 03G114 or approved equivalent.
	<u>SWITCH SOCKET WIRING (V 20 - V 24)</u>	<u>SWITCH SOCKET WIRING (V 20 - V 24)</u>
V 45	Flush mounted 13 Amp. non-reversible type square pin switched socket outlets wired in ring circuit using 4x1x7/0.67 PVC insulated copper wire & 2x7/0.67 PVC insulated copper earth wire in casing and capping (As per drawing no. ELE/ST/06) .	Flush mounted 13 Amp. non-reversible type square pin switched socket outlets wired in ring circuit using 4x1x7/0.67 PVC insulated copper wire & 2x7/0.67 PVC insulated copper earth wire in casing and capping (As per drawing no. ELE/ST/06) .
	<u>R = 600/= x L+450/= x N</u> N	<u>R = 600/= x L+450/= x N</u> N
	R = Rate per circuit (to be calculated as per formula).	R = Rate per point (to be calculated as per formula).
	<u>LIGHT FITTINGS</u>	<u>Light Fittings</u>
V 185	Pendent lamp with 12 watt LED bulb.	Pendent type 12 watt LED bulb.
V 186	Pendent lamp with 24 watt CFL bulb.	Pendent type 24 watt CFL bulb.
		<u>METAL WORK</u>
W 19	<u>Openable Single Sash Door for Toilets (Fully panelled with 3 mm thick Aluminium Composite Panel) (50mm box bar 0.9 mm thick outer frame,)</u>	<u>Openable Single Sash Door for Toilets (Fully panelled with 4 mm thick Aluminium Composite Panel with both sides Polyester coated aluminium sheets of 0.2mm thick) (50mm x 25mm box bar of 0.9 mm thick outer frame & mid rail)</u>
	Natural aluminium single sash butt hinged openable door with middle rail and panelling with aluminium composite panel of total thickness 4mm with both sides Polyester coated aluminium sheets of 0.2mm thick, rubber beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/DETAIL 04 - D20	100 x 1.6mm thick natural aluminium single sash butt hinged openable door with middle rail and panelling with both sides Polyester coated aluminium sheets of 0.2mm thick of total thickness 4mm , rubber beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut and door stopper. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 04 - D20

	<u>Partitions</u>	
W 49	<u>Fully Board Partition with Laminated Plywood (TVC) (two sheets kept back to back)</u>	<u>Fully Board Partition with Plywood board (PVC)</u>
	Natural aluminium partition frame top and bottom Panels, panelled with 2.5mm thick single side laminated plywood boarding, two boards kept back to back (total thickness 5mm) with necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame top and bottom Panels, panelled with 2.5mm thick PVC plywood boarding, two boards in both sides of GI channel with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting & etc. work complete in order.
W 50	<u>Fully Board Partition with Melamine MDF</u>	<u>Fully Board Partition with Melamine MDF</u>
	Natural aluminium partition frame top and bottom Panels 5 mm thick Melamine MDF boarding, two boards kept back to back with necessary pop rivots, gasket and GI channels, etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame top and bottom Panels 5 mm thick Melamine MDF boarding, two boards in both sides of GI channel with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting etc. work complete in order.
W 51	<u>Full Board Partition with both sides Polyester coated Aluminium Composite Panel of 3 mm thick</u>	<u>Full Board Partition with both sides Polyester coated Aluminium Composite Panel of 3 mm thick</u>
	Natural aluminium partition frame with top and bottom Panels cladded with 3 mm thick both side polyester coated cladding sheets including necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame with top and bottom Panels cladded with aluminium composite panel of total thickness 3mm with 2 nos. of Polyester coated aluminium sheets of 0.12mm thick composite, two boards in both sides of GI channel including necessary pop rivots, gasket, suitable size of GI channels & etc. work complete in order.
	<u>Full Board Partition with both sides Polyester coated Aluminium Composite Panel of 4 mm thick</u>	<u>Full Board Partition with both sides Polyester coated Aluminium Composite Panel of 4 mm thick</u>
W 51a	Natural aluminium partition frame with top and bottom Panels cladded with 4 mm thick both side polyester coated Aluminium Composite Panel including necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame with top and bottom Panels cladded with aluminium composite panel of total thickness 4mm with 2 nos.of Polyester coated aluminium sheets of 0.2mm thick composite, two boards in both sides of GI channel including necessary pop rivots, gasket, suitable size of GI channels & etc. work complete in order.

	<u>Glazed & Board Partition with Laminated Plywood (two sheets kept back to back) & 5mm thick clear glass panes</u>	<u>Glazed & Board Partition with 2.5mm Plywood (PVC) & 5mm thick clear glass panes</u>
W 52	Natural aluminium partition frame, one part panelled with 2.5mm thick single side laminated plywood boarding, two boards kept back to back (total thickness 5mm) and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame, one part panelled with 2.5mm thick PVC plywood board, two boards in both sides of GI channel and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting & etc. work complete in order.
W 53	Natural aluminium partition frame, top & bottom Panelled with 2.5mm thick single side laminated plywood boarding, two boards kept back to back (total thickness 5mm) and middle Panel with 5mm thick clear glass with necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame, top & bottom Panelled with 2.5mm thick PVC plywood board, two boards in both sides of GI channel and middle Panel with 5mm thick clear glass with necessary pop rivots, gasket and suitable size of GI channels & natural aluminium skirting etc. work complete in order.
W 55	<u>Glazed & Polyester coated Aluminium Composite Panel Partition with Polyester coated Aluminium Composite Panel of total thickness 4mm(two sheets kept back to back) & 5mm thick clear glass panes</u>	<u>Glazed & Polyester coated Aluminium Composite Panel Partition with Polyester coated Aluminium Composite Panel of total thickness 4mm & 5mm thick clear glass panes</u>
	Natural aluminium partition frame, one part panelled with aluminium composite panel of total thickness 4mm, with both sides Polyester coated aluminium sheets of 0.2mm thick, two boards kept back to back (total thickness 5mm) and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame, one part panelled with aluminium composite panel of total thickness 4mm, with 2 nos. of both sides Polyester coated aluminium sheets of 0.2mm thick composite, two boards in both sides of GI channel and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and suitable size of GI channels & etc. work complete in order.
W 56	<u>Full Board Partition with Gypsum board</u>	
	Fabricating and installing 9mm thick gypsum board partitioning including necessary GI channel member frame work two boards kept back to back and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and GI channels & etc. work complete in order.	76 x 1.2mm thick natural aluminium partition frame, panelled with 9mm thick gypsum board partitioning including necessary GI channel member frame work, two boards in both sides of GI channel and other portion panelled with 5mm thick clear glass panes with necessary pop rivots, gasket and suitable size of GI channels & etc. work complete in order.

W 57	<u>Full Board Partition with plywood board & veneer floor board.</u>	<u>Full Board Partition with veneered plywood board.</u>
	Fabricating and installing 3 mm thick veneered plywood board and kept back to back in partitioning including necessary GI channel member frame work. All completed with board joints taped and work complete in order.	76 x 1.2mm thick natural aluminium partition frame, t panelled with 7.5mm thick veneered plywood board (2.5mm thick veneer board + 5mm thick plywood board composite) and kept back to back in partitioning including suitable size of GI channel frame work with necessary pop rivots, gasket and suitable size of GI channels, natural aluminium skirting, glue & etc. work complete in order.
	<u>Partition Doors</u>	<u>Partition Doors</u>
	<u>TYPE-I - Partition Door Fully Panelled with Laminated Plywood (TVC) (two sheets kept back to back)</u>	<u>TYPE-I - Partition Door Fully Panelled with Plywood (PVC) (two sheets kept back to back)</u>
W 59	Natural aluminium single sash butt hinged openable door with middle rail and fully panelled with 2.5mm thick single side laminated plywood, (two pannels kept back to back), neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D21	76 x 1.2mm thick & 100 x 1.6mm thick natural aluminium single sash butt hinged openable door with middle rail and fully panelled with 2.5mm thick PVC plywood board, two boards kept back to back (Total thickness is 5mm) , neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D21
W 60	Natural aluminium single sash sliding door with middle rail and fully panelled with 2.5mm thick single side laminated plywood, (two pannels kept back to back), neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut, flush bolts, rollers and approved quality lock, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D22	80 x 1.5mm natural aluminium single sash sliding door with middle rail and fully panelled with 2.5mm thick PVC plywood board, two boards kept back to back, (Total thickness is 5mm) neoprene and wooled beading, gaskets, pop rivots, threaded bar with nut, flush bolts, rollers and approved quality lock, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D22

	<u>TYPE-II - Partition Door Panelled with one part glazing and other part with laminated plywood (TVC) (two sheets kept back to back)</u>	<u>TYPE-II - Partition Door Panelled with one part glazing and other part with plywood board (PVC) (two sheets kept back to back)</u>
W 61	Natural aluminium single sash butt hinged openable door with middle rail one part panelled with 2.5mm thick single side laminated plywood, two panels kept back to back and other part glazed with 5mm thick clear glass panes, neoprene and wooleed beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 19 - D23	76 x 1.2mm thick & 100 x 1.6mm thick natural aluminium single sash butt hinged openable door with middle rail one part panelled with 2.5mm thick PVC plywood, two boards kept back to back, (Total thickness is 5mm) and other part glazed with 5mm thick clear glass panes, neoprene and wooleed beading, gaskets, pop rivots, threaded bar with nut and approved quality lock, butt hinges, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 19 - D23
W 62	Natural aluminium single sash sliding door with middle rail, one part panelled with 2.5mm thick single side laminated plywood, two panels kept back to back and other part panelled with 5mm thick clear glass panes, neoprene and wooleed beading, gaskets, pop rivots, threaded bar with nut, flush bolts, rollers and approved quality lock, door handle with cap nut. As per the members , sizes and details given in Drawing No: AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D24	80 x 1.5mm natural aluminium single sash sliding door with middle rail, one part panelled with 2.5mm thick PVC plywood, two boards kept back to back, (Total thickness is 5mm) and other part panelled with 5mm thick clear glass panes, neoprene and wooleed beading, gaskets, pop rivots, threaded bar with nut, flush bolts, rollers and approved quality lock, door handle with cap nut. As per the members , sizes and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/ 2019.03.18/ DETAIL 19 - D24
W 67	Supplying & fixing surface mounted door closer of "Pregler Brand" & Model no. - N8803 or approved equivalent. Weight of sash should be less than 60 kg.	Supplying & fixing surface mounted door closer of "Union Brand" & Model no. - N8803 or approved equivalent. Weight of sash upto 60 kg.
W 68	Supplying & fixing surface mounted door closer of "Pregler Brand" & Model no. - 88234 or approved equivalent. Weight of sash should be less than 85 kg.	Supplying & fixing surface mounted door closer of "Union Brand" & Model no. - 88234 or approved equivalent. Weight of upto 80 kg.

<u>Y - STRUCTURAL STEEL WORK</u>		
Y 34	Supply and fix proprietary coated zincalum gutter (minimum base metal thickness of sheet 0.4mm and minimum total thickness 0.47mm & medium size - Girth 470) complete with end caps, running joints etc. All joints to be properly connected with an adequate side laps not less than 225mm length and with sealant to ensure water tightness along the entire length of the gutter and including galvanized offset gutter brackets at 450mm centers with an adequate slope as directed and fix in position.	Supply and fix proprietary coated zincalum gutter (minimum base metal thickness of sheet 0.42mm and minimum total thickness 0.47mm & medium size - Girth 470) complete with end caps, running joints etc. All joints to be properly connected with an adequate laps not less than 150mm length and with sealant to ensure water tightness along the entire length of the gutter and including compatible galvanized gutter brackets at 450mm centers with an adequate slope as directed and fix in position.
Y 35	Supply and fix proprietary coated zincalum square down pipe (medium size-Girth 470 &minimum base metal thickness of sheet 0.40mm and minimum total thickness 0.47mm) complete with necessary socket , elbow & bend. All joints to be properly connected and with sealant to ensure water tightness along the entire length. Down pipe brackets @ 1.0 m c/c .	Supply and fix proprietary coated zincalum square down pipe (medium size-Girth 470 &minimum base metal thickness of sheet 0.42mm and minimum total thickness 0.47mm) complete with necessary socket , elbow & bend. All joints to be properly connected and with sealant to ensure water tightness along the entire length. Down pipe brackets @ 1.0 m c/c .
		<u>Zinc Aluminium Coated Profiled Steel Sheets</u>
		Note -
		1. Work shall be done in accordance with specifications for electrical and mechanical works - ICTAD Publication No.SCA/8 of Aug.2000(2 nd Edition -Revised)
		2.Material shall be done in accordance with BS 2989:1992 or with BS EN 10147:1992 or ASTM A792M.
		3. Coating mass is AZ150 (Min. 150 gms/sq.m total on both sides) zinc alum profile roofing sheet.
		4. The nominal base metal thickness should be 0.42 mm and total coated thickness(TCT) not less than 0.47mm, HI-Tensile steel with min. 550 Mpa yield strength, metallic hot dip coated Aluminium-Zinc alloy (55% Aluminium , 43.5% Zinc,1.5% Silicon).
		5. The minimum rib size is 28mm.

		6.The sheeting shall be fixed to timber purlins using compatible self-drilling hexagon washer head tap screws with neoprene washer & to steel purlins using compatible self drill thread forming nominal 40 µm Zinc coated or 25 µm zinc-tin alloy coated, hexagon washer head screw with EPDM washer.
		7. Fastners shall be fixed on each rib on purlins at top, bottom & laps of sheets, and on every other rib on intermediate purlins. The fastner size shall be calculated as per the design or manufacturer's recommendations.
Y 39	Supply and fix zinc alum profile roofing sheet (minimum base metal thickness of 0.4mm) and minimum total thickness of 0.47mm, laid on existing purlings with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order.	Supply and fix zinc alum profile roofing sheet, laid on existing purlings with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order.
		<u>High tensile Galvanized iron "C" channels</u>
		Note -
		1. Work shall be done in accordance with specifications for electrical and mechanical works - ICTAD Publication No.SCA/8 of Aug.2000(2 nd Edition -Revised)
		2. Material shall be done in accordance with Standard AS 1397 and Material Tolerance Standard AS 1365.
		3. Coating mass is Z275 (Min. 275gms/sq.m total on both sides)
		4. Minimum yield strength 450 Mpa, Hot Dipped, Zinc coated & Chromate Passivated.
Y 41	Supply and fixing high tensile Galvanized iron "C" channels of 100 x 50 x 15 x 2.0mm thick. Rate shall include hoisting.	Supply and fixing high tensile Galvanized iron "C" channels of 100 x 50 x 15 x 2.0mm thick . Rate shall include hoisting.
Y 42	Supply and fixing high tensile Galvanized iron "C" channels of 125 x 60 x 20 x 2.0mm thick. Rate shall include hoisting.	Supply and fixing high tensile Galvanized iron "C" channels of 125 x 60 x 20 x 2.0mm thick. Rate shall include hoisting.
Y 43	Supply and fixing high tensile Galvanized iron "C" channels of 150 x 65 x 20 x 2.0mm thick. Rate shall include hoisting.	Supply and fixing high tensile Galvanized iron "C" channels of 150 x 65 x 20 x 2.0mm thick. Rate shall include hoisting.
Y 44	Supply and fixing high tensile Galvanized iron "C" channels of 100 x 50 x 15 x 2.0mm thick	Supply and fixing high tensile Galvanized iron "C" channels of 100 x 50 x 15 x 2.0mm thick. Rate shall include hoisting.

Y 45	Supply and fixing high tensile Galvanized iron "C" channels of 125 x 60 x 20 x 2.0mm thick	Supply and fixing high tensile Galvanized iron "C" channels of 125 x 60 x 20 x 2.0mm thick. Rate shall include hoisting.
Y 46	Supply and fixing high tensile Galvanized iron "C" channels of 150 x 65 x 20 x 2.0mm thick	Supply and fixing high tensile Galvanized iron "C" channels of 150 x 65 x 20 x 2.0mm thick. Rate shall include hoisting.
	<u>AB - LANDSCAPING</u>	<u>AB - LANDSCAPING</u>
	<u>Turfing</u>	<u>Turfing</u>
	<u>Note:</u>	<u>Note:</u>
		Work shall be done in accordance with specifications for construction and maintenance of roads and bridges - ICTAD Publication No.SCA/5 of June 2009 (2 nd Edition)
		Depending on the ground conditions and requirements, turfing shall be decided. Following shall be a guide.
	(a)For landscaping work involving covering gravel areas item AB02 recommend in combination with item AB01.	(a)For landscaping work involving covering gravel areas item AB02 recommend in combination with item AB01.
	(b) When grass areas are meant for human traffic, item AB03 & AB05 recommend.(ex. Jogging tracks ,sides)	(b) When grass areas are meant for human traffic, item AB03 & AB05 with item AB01. recommend.(ex. Jogging tracks ,sides)
	(c) For specific areas item AB04 & AB06 with item AB01.	(c) For specific areas item AB04 & AB06 with item AB01.
AB 01	Remove roots and hard gravel from the area identified for turfing and level or graded to a uniform surface, spread a 150mm thick layer of top vegetable soil comprising of a mixture of earth and coir dust mixed in proportion of 2:1 and raked to a depth of 250-300mm while removing hard gravel pieces.	Remove roots and loose gravel particles from the area identified for turfing and level or graded to a uniform surface, spread a 150mm thick layer of top vegetable soil comprising of a mixture of earth and coir dust mixed in proportion of 2:1 and raked to a depth of 150mm while removing hard gravel pieces.
AB 02	Supply and placing(laying) buffalo grass turves of size not less than 300mm x 300mm x 25mm and laid closed butted to one another while ensuring lateral joints between turves being staggered, where necessary turves shall be pegged to the soil to prevent movement or slippage. Thereafter, turfing shall be compacted, levelled and maintained for a period of three(3) months by watering, weeding and trimming, untill roots are firmly rooted in to the ground.	Supply and placing(laying) buffalo grass turves of size not less than 200mm x 150mm and laid closed butted to one another while ensuring lateral joints between turves being staggered, where necessary turves shall be pegged to the soil to prevent movement or slippage. Thereafter, turfing shall be compacted, levelled and maintained for a period of three(3) months by watering, weeding and trimming, untill roots are firmly rooted in to the ground.

AB 03	Supplying grass sods of malesiyan type grown on any soil and laid on jogging tracks, earth slopes etc; Rate inclusive of levelling the ground and maintaining the same for a period of not less than 3 months .	Supplying grass sods of malesiyan type grown on any soil and laid on jogging tracks, earth slopes etc; Rate inclusive of levelling the ground and maintaining the same for a period of not less than three months .
AB 04	Supplying grass sods of Australian type grown on a prepared surface and maintaining the grass including daily watering, spreading fertilizer, weeding and trimming for a period of there(3) months.(Rate for ground preparation shall be paid as per item AB 01).	Supplying grass sods of Australian type grown on a prepared surface and maintaining the grass including daily watering, spreading fertilizer, weeding and trimming for a period of three(3) months.
AB 05	Supplying grass carpet (5' x 2' size of each) of malesiyan type grown on any soil and laid on jogging tracks, earth slopes etc; Rate inclusive of levelling the ground and maintaining the same for a period of not less than 3 months .	Supplying grass carpet of malesiyan type grown on any soil and laid on jogging tracks, earth slopes etc; Rate inclusive of levelling the ground and maintaining the same for a period of not less than three months .
AB 06	Supplying grass carpet (5' x 2' size of each) of Australian type grown on a prepared surface and maintaining the grass including daily watering, spreading fertilizer, weeding and trimming for a period of there(3) months.(Rate for ground preparation shall be paid as per item AB 01).	Supplying grass carpet of Australian type grown on a prepared surface and maintaining the grass including daily watering, spreading fertilizer, weeding and trimming for a period of three months.
		<p><u>Zinc Aluminium roofing sandwich panel</u></p> <p>Note -</p> <p>1. Work shall be done in accordance with specifications for construction and maintenance of roads and bridges - ICTAD Publication No.SCA/5 of June 2009 (2 nd Edition)</p> <p>2. Material shall be done in accordance with BS 2989:1992 or with BS EN 10147:1992 or ASTM A792M.</p> <p>3. Self supported zinc aluminium coated metal panel insulated with polyurethane (PU) rigid foam for pitched roof with a minimum slope of 7%.</p> <p>4. Coating mass is AZ150 (Min. 150 gms/sq.m total on both sides) zinc alum profile roofing sheet. .</p> <p>5. The nominal base metal thickness should be 0.42 mm and total coated thickness(TCT) not less than 0.47mm, HI-Tensile steel with min. 550 Mpa yield strength, metallic hot dip coated Aluminium-Zinc alloy (55% Aluminium , 43.5% Zinc,1.5% Silicon).</p>

		<p>5. Insulated material is Polyurethane (PU) of density of 40kg/m³</p> <p>6. The minimum rib size is 28mm.</p> <p>7. The sheeting shall be fixed to timber purlins using compatible self-drilling hexagon washer head tap screws with neoprene washer & to steel purlins using compatible self drill thread forming nominal 40 µm Zinc coated or 25 µm zinc-tin alloy coated, hexagon washer head screw with EPDM washer.</p> <p>8. Fastners shall be fixed on each rib on purlins at top, bottom & laps of sheets, and on every other rib on intermediate purlins. The fastner size shall be calculated as per the design or manufacturer's recommendations.</p> <p>9. If PU thickness change, the length of screws should be increased.</p>
AC 02	Supplying & Fixing 30mm thick Zinc Aluminium roofing sandwich panel "Glamet" laid on existing purlings with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order as per manufacture's specifications.	Supplying & fixing 30mm thick of PU Zinc Aluminium roofing sandwich panel "Glamet" or approved equivalent laid on existing purlings with joints to be properly connected with an adequate side lap to ensure water tightness along the entire length and complete to working order as per manufacture's specifications.
AC 09	Supplying and installation of 12 mm thick laminated tempered glass openable single sash door with 12 mm thick laminated tempered glass panes, approved quality lock, floor hinges, door handle with cap nut. As per size and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 02 - D27	Supplying and installation of 12 mm thick tempered glass openable single sash door with 12 mm thick tempered glass panes, approved quality lock, floor hinges, door handle with cap nut, screws, wall plugs, glass packing, silicone, masking tape and etc. As per size and details given in Drawing No:- AR/TYPE PLAN/DOORS & WINDOWS/2019.03.18/ DETAIL 02 - D27
AC 10	Supplying and installation of 12 mm thick laminated tempered glass with 1 1/2"x 1" & 1"x 1" Stainless steel frame work with necessary pop rivots, gasket and etc. work complete in order. Rate shall include for fixing in position.	Supplying and installation of 12 mm thick tempered glass with 1.2mm thick 25x 25 x 25mm Stainless steel u channel frame work with necessary screws, wall plugs, glass packing, silicone, masking tape and etc. work complete in order. Rate shall include for fixing in position.

<u>DELETED DESCRIPTION</u>			
ITEM NO.	DESCRIPTION	UNIT	NEW RATE 2019
Y 36	Polyester coated Aluminium composite boarding of 4mm thickness fixed to external wall boxed out at down pipes including sills, flashing, removable sections at access points such as cleaning eyes etc. completely covering the surface as directed by the Engineer.		Item Deleted.