

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER - I PESHAWAR****SUMMARY OF COST**

S No.	Description	Amount (Rs)		
		Scheduled (i)	Non Scheduled (ii)	Total Cost (i+ii)
A)	CIVIL WORKS	8,579,331	5,702,740	14,282,071
B)	PLUMBING WORKS	2,269,798	45,482	2,315,280
C)	ELECTRICAL WORKS	3,464,734	947,355	4,412,089
D)	NETWORKING	1,388,516	-	1,388,516
E)	CCTV	242,050	710,868	952,918
F)	CSR & NADRA COUNTERS	-	1,902,983	1,902,983
G)	AIR CONDITIONERS	509,799	10,024,971	10,534,770
GRAND TOTAL (A+B)		16,454,228	19,334,399	35,788,627
GRAND TOTAL (Million)		16.454	19.334	35.789

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD

ESTABLISHMENT OF CITIZEN FACILITATION CENTERS TIER I - PESHAWAR ENGINEER'S ESTIMATE

CIVIL WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
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SCHEDULED ITEMS

DISMANTLING (DEMOLITION)

C-01	04-13	Dismantling brick work in lime or cement mortar	m3	1,494.87	40.31	60,258.21
C-02	04-19-c	Dismantling : Plain Cement Concrete 1:2:4	m3	3,869.08	6.02	23,291.86
C-03	04-19-a	Dismantling : Plain Cement Concrete 1:4:8	m3	1,934.54	7.94	15,360.25
C-04	04-20-a	Dismantling RCC, separating reinforcement, cleaning & straightening the same	m3	6,331.22	1.70	10,763.07
C-05	04-46	Dismantling glazed or accoustics tiles etc	m2	308.11	24.07	7,416.21
C-06	04-45-a	Scraping : White wash or colour wash	m2	26.79	510.87	13,686.21

EARTHWORK

C-07	03-18-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	m3	105.24	8.92	938.74
C-08	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	m3	312.82	11.89	3,719.43
C-09	07-30	Supplying and filling sand under floor or plugging in wells	m3	1,571.12	7.65	12,019.07

CONCRETE

C-10	06-02	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	m3	2,754.33	1.68	4,627.27
C-11	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	m3	12,745.86	6.02	76,730.08
C-12	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	m3	10,465.39	4.21	44,059.29
C-13	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	m3	9,237.44	6.02	55,609.39
C-14	06-07-a-02	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:1.5:3)	m3	16,727.10	2.29	38,305.06
C-15	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	291,590.41	0.80	233,272.33

**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER I - PESHAWAR
ENGINEER'S ESTIMATE**

CIVIL WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
C-16	06-47-a	Erection and removal of steel Form work for RCC or Plain Concrete (Horizontal)	m2	854.37	11.29	9,645.84
						-
C-17	06-47-b	Erection and removal of steel Form work for RCC or Plain Concrete (vertical)	m2	893.59	22.58	20,177.26
						-
		<u>BRICK MASONRY</u>				-
						-
C-18	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	m3	13,201.04	15.36	202,767.97
						-
C-19	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	m3	14,089.41	130.89	1,844,162.87
						-
		<u>FLOORING</u>				
C-20	10-26-c-i	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 3/4" thick 12 x 12 Super Sunny White Marble	m2	2,306.05	139.41	321,486.43
						-
C-21	10-45-b-i	Provide & lay marble fine dressed stone dado or skirting in white cement complete: 0.5" thick 12 x 12 Super Sunny White Marble	m2	1,833.29	30.00	54,998.70
C-22	10-64	Chemical polishing of marble floor/Dado	m2	324.20	1,003.72	325,406.02
C-23	10-60-a	Providing and laying 3/4"(19mm) thick Granite Black polished tiles of approved quality of any size on floor over 3/8" thick base cement sand mortar 1:3 including etting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost.	m2	8,645.68	10.69	92,422.32
C-24	10-55-g	Providing and Fixing of Porcelain Floor Tile 24" x 24" of approved quality		3,601.51	88.29	317,977.32
C-25	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	m2	2,273.67	115.99	263,722.98
						-
C-26	10-55-j	Providing and Fixing of Bath Room Tiles 12"x18" of approved quality	m2	2,264.82	62.45	141,438.01
						-
		<u>SURFACE RENDERING</u>				-
						-
C-27	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	m2	406.01	1,005.95	408,425.76
						-
C-28	11-20-b	Providing and applying wall putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete.	m2	72.24	255.58	18,463.10

**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER I - PESHAWAR
ENGINEER'S ESTIMATE**

CIVIL WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
C-29	13-03-i	Providing and applying 3 coats of approved type of Plastic emulsion paint to Plastic surface as per manufacture specification.	m2	521.17	255.58	133,200.63
<u>WOOD WORK, WOODEN / ALUMINIUM JOINERY</u>						
C-30	12-56-c	Providing and fixing of Teak wood joinery (factory made) complete in all respects including chowkat and frame and fittings complete in all respects.	m2	24,677.52	11.15	275,154.35
C-31	12-84	Providing & fixing uPVC white color full body doors with UPVC frame and chowkat including, locks and all hardware fittings, etc. complete in all respects	m2	12,225.32	13.01	159,051.41
C-32	12-22-c-02	Providing and fixing sliding bolt to doors Brass sliding bolts : 12" long	Each	2,208.46	8.00	17,667.68
C-33	12-21-b	P/F hydraulic Door Closer (Best Quality)	Each	2,764.83	4.00	11,059.32
C-34	12-64-c-05	Supply and Fixing aluminium door/window,Fly Screen Shutter Premium model (2.00 mm gauge) 2" section	m2	3,845.34	9.81	37,722.79
C-35	12-65-a-06	Supply and Fixing aluminium door/window, Sliding Window Premium model (2.00 mm gauge) 4" section	m2	12,054.52	17.84	215,052.64
C-36	12-73-b	Providing and fixing First class teak wood projected beading upto one sq.inch.(6.5sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	m	208.12	30.00	6,243.60
C-37	12-61	MS flat 1/2"x1/8" grill in windows of approved design	m2	3,278.91	17.84	58,495.75
C-38	12-41-b-02	Providing and fixing partition including framework : Sheets on both sides of frame : Ply wood 1/4"	m2	2,219.79	124.91	277,273.97
C-39	12-47	Supply and Fixing accoustic mineral fibre tile ceiling fixed with aluminium tee hung by GI wire fixed in roof	m2	2,565.49	1,045.54	2,682,322.41
<u>PAINTING AND VARNISHING</u>						
C-40	13-07-a	Varnishing wood work, including cleaning & preparing surface : First coat	m2	125.31	272.12	34,099.36
C-41	13-07-b	Varnishing wood work, including cleaning & preparing surface : Second coat	m2	80.95	544.24	44,056.23

**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER I - PESHAWAR
ENGINEER'S ESTIMATE**

CIVIL WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
C-42	13-25-a	Preparing surface & painting with snowcem / weathershield paint : First coat	m2	243.39	13.75	3,346.61
C-43	13-25-b	Preparing surface & painting with snowcem / weathershield paint : 2nd & subsequent coats	m2	124.83	27.50	3,432.83

					Cost of Scheduled Items (Rs.)	8,579,331
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NON-SCHEDULED ITEMS

C-44	NSI-02	<u>Vertical & horizontal 4" thick L shape panel.</u> Providing & fixing laminated/lasani board panel (best Quality) with wood stud fram 2" x 3" (size 10' x 2.5'x7') 4" thick l shape panel complete in all aspect.	m ²	6,364.00	34.20	217,648.80
C-45	NSI-03	Provide and fix aluminium frame glazed partitions with openable door as shown in drawing using sections of Pakistan Cables (Pvt.) Ltd., or Chawla Aluminium or approved ,100mm wide and 2 mm thick white powder coated frames up to false ceiling height, including 12 mm thick frosted glass, all glass shall be tempered, and all hardware etc. as shown on drawings, and as per sample approved by the Engineer.	m ²	16,649.00	305.67	5,089,099.83
C-46	NSI-03	Provide and fix aluminium of CFC approved logo in acrylic sheet with minimum thickness of 3mm and depth 2.5" with best quality lights and power supply, and as per sample approved by the Engineer.	m ²	20,113.00	8.00	160,904.00
C-47	NSI-04	Dismantling and Reinstallation of already installed glass partitions along with accessories required as per site conditions.	m ²	3,616.73	65.00	235,087.45

					Cost of Non-Scheduled Items (Rs.)	5,702,740
					Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)	14,282,071

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD
ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER I - PESHAWAR
ENGINEER'S ESTIMATE

PLUMBING WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
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SCHEDULED ITEMS

SANITARY FIXTURES AND FITTINGS

P-01	14-03-a	Providing and fitting glazed earthenware water closet (WC), squatter type (orisa pattern) combined with foot rest. complete in all respects : White	Each	3,713.81	4.00	14,855.24
P-02	14-78	Providing and Fixing low level plastic flushing cistern 3 gallons (13.63) liters capacity, complete in all respects	Each	3,550.23	4.00	14,200.92
P-03	14-157	P-Trap (uPVC) for squatting type WC.	Each	1,356.74	4.00	5,426.96
P-04	14-01-a	Providing and Fixing glazed earthen ware WC European type of approved make/size excluding cost of seat & cover, complete in all respects: White	Each	11,415.02	4.00	45,660.08
P-05	14-02-b	Providing and Fixing double seat & cover only : Plastic	Each	921.33	4.00	3,685.32
P-06	14-86	Providing & fixing chromium plated double bib-cock with Muslim Shower of approved quality Complete is all respects.	Each	2,775.60	4.00	11,102.40
P-07	14-159	Undercounter Vanity type wash hand basin of approved make, colour, size, shape and quality, including jointing and sealing material, etc. with all accessories for complete installation.	Each	8,114.64	4.00	32,458.56
P-08	14-46-a	Providing and Fixing angle iron brackets for : Wash hand basin (WHB) and cistern	Each	253.17	4.00	1,012.68
P-09	14-27-a	Providing and fixing chorimum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	Each	4,357.08	4.00	17,428.32
P-10	14-25-a	Providing and fixing chromium plated (CP) tee stop cock 1.5 cm (1/2") of approved quality	Each	936.61	14.00	13,112.54
P-11	14-13	Providing and fixing choricum plated soap dish complete.	Each	829.33	10.00	8,293.30
P-12	14-15	Providing and Fixing CP (chromium plated) toilet paper holder complete	Each	802.84	10.00	8,028.40
P-13	14-16-a	Providing and Fixing chromium plated (CP) towel rail complete: 60 cm (24") long and 2 cm (3/4") dia	Each	1,267.94	6.00	7,607.64
P-14	14-17-d	Providing and fixing 22" x 16" looking mirror of Imported glass complete with Aluminum frame of standared size & c.p screws.	Each	2,460.75	6.00	14,764.50

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TIER I - PESHAWAR
ENGINEER'S ESTIMATE**

PLUMBING WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
P-15	14-18-b	Providing and fixing best quality 5mm glass shelf (60 x 13) cm 24"x5" complete: Without chromium plated brackets & railing	Each	663.67	6.00	3,982.02
P-16	14-160-b	Electric water coolers of 40 gallons capacity including inlet and outlet connections, gate valve on inlet, electric connection upto power socket, and all other accessories for complete installation.	Each	39,029.40	2.00	78,058.80
P-17	14-161	Triple water filter (10") including inlet and outlet connections, power supply, and all accessories for complete installation.	Each	8,752.79	2.00	17,505.58
P-18	23-05-a	Constructing gully grating chamber complete With CI gully trap, weighing 81 lbs. frame hinged	Each	10,018.69	4.00	40,074.76
P-19	14-74-d	Providing and Fixing in position Gas water Geyser with fittings including thermostat, safety valve etc:- 50 Gallon Best Quality	Each	45,608.63	2.00	91,217.26
<u>PIPES & FITTINGS etc</u>						
P-20	14-35-g	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962, PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: 1/2" i/d	m	156.14	70.00	10,929.80
P-21	14-35-a	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962, PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: 3/4" i/d	m	182.68	140.00	25,575.20
P-22	14-35-b	Providing, laying cutting, jointing, testing PPRC pipeline in walls/trenches with pipes (confirming to DIN 8077/8078, PN 20 of approved quality & fittings conforming to DIN 16962, PN25 of the same manufacturer) for cold/hot water supply systems including specials complete in all respect as per specifications: 1" i/d	m	222.81	70.00	15,596.70
P-23	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	m	851.10	121.91	103,757.60
P-24	14-162-c	G.I. water pipes (cold and hot water, in ducts & in exposed condition) Conforming to BS-1387(1985), Medium Grade, I/c all fittings, wrapping glasswool thermal insulation with aluminium vapour barrier, making holes in concrete or masonry and then repairing holes, supports and hangers etc. of approved make of the following diameters, complete in all respects: (c) 1-1/2 inch	m	2,437.68	243.82	594,355.14

**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS
TIER I - PESHAWAR
ENGINEER'S ESTIMATE**

PLUMBING WORKS

Item S No.	ItemCode (MRS 2022 (2nd Bi Annual))	Description	Unit	Rate	Quantity	Amount (Rs.)
P-25	14-154	Supply and Installation of G.I. water pipes conforming to BS-1387 (1985), Medium Grade, I/c all fittings, wrapping polythene tape, giving anticorrosion treatment, applying protective painting, making holes in concrete or masonry and then repairing holes, flushing, disinfecting, testing and commissioning etc. of the following diameters. 2" dia	m	4,570.39	100.00	457,039.00
P-26	14-144-a	Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia	m	4,230.94	45.72	193,438.58
P-27	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	m	2,306.88	60.96	140,627.40
P-28	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	m	1,669.48	60.96	101,771.50
P-29	14-144-d	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A" ,including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia	m	1,053.20	30.48	32,101.54
P-30	14-164	uPVC Multi Floor Trap (110x75mm) including strainer; supports; making required number of connections; breaking concrete or masonry work & then making it good; etc.	Each	1,942.35	10.00	19,423.50
P-31	14-147	Providing & Fixing of uPVC Floor Drain of dia 5" with P-Trap of approved quality with M.S Grating of 5 Inches dia hole with minimum outlet of drain should be 3 Inches complete in all respect.	Job	5,299.19	1.00	5,299.19
P-32	14-165-a	uPVC floor Cleanout including 2 No. 45o elbowstransition pipe, SS screwed plug/cover assembly jointed air-tight with pipe, breaking concrete or masonry work & then making it good, etc. complete in all respects. (i) 3" dia	Each	1,475.79	3.00	4,427.37
P-33	14-165-b	uPVC floor Cleanout including 2 No. 45o elbowstransition pipe, SS screwed plug/cover assembly jointed air-tight with pipe, breaking concrete or masonry work & then making it good, etc. complete in all respects. (ii) 4" dia	Each	2,271.61	3.00	6,814.83
P-34	14-170	Cowel on vent pipes of the following diameter. (i) 3"	Each	713.57	4.00	2,854.28
P-35	24-15-b	Providing, laying, cutting, jointing, testing and disinfecting grey cast iron spun pipes of approved quality in trenches with spigot and socket, caulked lead joint (BS 416 Part-1), including cost of jointing material, such as lead, yarn, etc. complete as per specifications : 4" i/d	m	2,166.32	30.48	66,029.43

PLUMBING WORKS

Cost of Non-Scheduled Items (Rs.)	45,482
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)	2,315,280

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD

ESTABLISHMENT OF CITIZEN FACILITATION CENTERS

TIER - I PESHAWAR

BILL OF QUANTITIES

ELECTRICAL WORKS

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
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Supply, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, plant, accessories, chiseling, repair works etc., required for proper completion of each item as per specifications.

LIGHTS & FIXTURES

E-S-1	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	No.	4	1,535.40	6,141.60
E-S-2	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent.	Each	16	1,523.25	24,372.00
E-S-3	15-36-k-03	Supply, installation, connecting, testing and commissioning of Wall mounted Bulkhead light fixtures with LED retrofit lamp 540 Lumens output, complete in all respects	Each	4	4,385.79	17,543.16
E-S-4	26-01-l-01	Supply and Erection of AC ENERGY EFFICIENT CEILING FANS 56 inch, 50 W NOTE:The contractor/supplier shall ensure that the supplied fans are wound with 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The ceiling fan should be energy saving,50 watt & approved from National energy efficiency & conservation authority NEECA.	Each	1	7,100.77	7,100.77
E-S-5	15-78	Supply and Fixing of 18" dia Direct axial Wall Bracket fan,1450Rpm, Max 50db sound level Fan shall be made with 99% purity Copper windings	Each	4	6,168.38	24,673.52
E-S-6	15-77-c	Supply and fixing electric AC exhaust/fresh air circulation (Double way) 220/230 single phase plastic frame body and blade complete 12"x12"	No.	5	4,793.77	23,968.85
E-S-7	15-36-i-8	Supply, installation, testing and commissioning of 2x20 Watt "LED" DC emergency spot light with 3hr backup, complete in all respects.	Each	4	10,250.82	41,003.28

ELECTRICAL WORKS

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CONDUITS

E-S-8	15-157-a	Providing and fixing of 3/4" dia PVC conduit as raceway, clipped to the surface or concealed in structure, or under floor including all accessories bends, boxes, etc as required for street light + telephone + power cable.	M	2250	170.82	384,345.00
E-S-9	15-157-b	Providing and fixing of 1" dia PVC conduit as raceway, clipped to the surface or concealed in structure, or under floor including all accessories bends, boxes, etc.as required for street light + telephone + power cable.	M	945	189.04	178,642.80
E-S-10	15-79-a	Supply and Fixing PVC conduit for surface wiring (dura duct) 1/2" including all charges for nail screws etc	M	350	76.00	26,600.00
E-S-11	15-79-b	Supply and Fixing PVC conduit for surface wiring (dura duct) 1" including all charges for nail screws etc	M	500	103.91	51,955.00
E-S-12	15-79-c	Supply and Fixing PVC conduit for surface wiring (dura duct) 1.5" including all charges for nail screws etc	M	200	143.77	28,754.00
E-S-13	15-79-d	Supply and Fixing PVC conduit for surface wiring (dura duct) 2" including all charges for nail screws etc	M	150	243.43	36,514.50
E-S-14	15-02-a-06	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 2" i/d	M	50	192.29	9,614.50
E-S-15	15-02-a-08	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 4" i/d	M	25	341.55	8,538.75
E-S-16	15-02-b-06	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 2" i/d	M	50	443.30	22,165.00

POWER CABLES & WIRING

E-S-17	15-154-a	Providing and fixing of point wiring (including circuit wiring with 2.5 mmsq conductors and 2.5 mmsq green / yellow CPC) with 1.5 mmsq single core PVC insulated 450/750 volt grade copper conductors in PVC conduit rigid / flexible (clipped to surface or concealed in structure or under floor), complete in all respects. (Light point controlled by one way switch)	No.	129	455.13	58,711.77
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ELECTRICAL WORKS

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
E-S-18	15-154-b	Providing and fixing of Light point controlled by two way switch wiring (including circuit wiring with 2.5 mmsq conductors and 2.5 mmsq green / yellow CPC) with 1.5 mmsq single core PVC insulated 450/750 volt grade copper conductors in PVC conduit rigid / flexible (clipped to surface or concealed in structure or under floor), complete in all respects. (Light point controlled by two way switch)	No.	2	576.63	1,153.26
E-S-19	15-05-c	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.029" (for light plugs)	M	6752	135.21	912,937.92
E-S-20	15-05-d	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 7/0.036" (4mm ²)	M	2800	169.09	473,452.00
E-S-21	15-07-a	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 7/0.064" (16 mm ²)	M	20	618.59	12,371.80
E-S-22	15-07-b	Supply and Erection single core PVC insulated & sheathed copper conductor, 660/1100V cable : 19/0.052" (25mm ²)	M	45	1,035.69	46,606.05
E-S-23	15-122-b	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects (10 sq mm, 4 core PVC/PVC stranded copper conductor cable)	RMtr	20	1,787.08	35,741.60
E-S-24	15-122-f	Supply at site, installation, testing and commissioning of PVC insulated un-armoured copper conductor cable 600 / 1000 Volt grade (or otherwise mentioned in cable description) in prelaidd conduits / trenches to be installed as per routes shown on drawings including cost of all necessary materials, connections, identification tags, cables lugs properly crimped at both ends for the following sizes complete in all respects (50 sq mm, 4 core PVC/PVC stranded copper conductor cable)	RMtr	60	6,555.40	393,324.00
<u>WIRING ACCESSORIES</u>						
E-S-25	15-127-i	Supply at site, installation, testing and commissioning of 2 & 3 pin switched socket unit 5/10 Amps, 250Volts, pin including appropriate size MS, powder coated back box, complete in all respects. (Vivace International Socket)	Each	140	819.70	114,758.00

ELECTRICAL WORKS

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
E-S-26	15-127-k	Supply at site, installation, testing and commissioning of 3 pin switched socket unit 20 Amps, 250Volts, round pin including appropriate size MS, powder coated back box, complete in all respects.	Each	6	743.51	4,461.06
E-S-27	15-127-m	Supply at site, installation, testing and commissioning of Fan Dimmer with switch/ MS, powder coated back box with all associated accessories, complete in all respects	Each	1	956.07	956.07
E-S-28	15-127-b	Supply at site, installation, testing and commissioning of the Two gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	8	843.93	6,751.44
E-S-29	15-127-c	Supply at site, installation, testing and commissioning of the three gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	6	652.32	3,913.92
E-S-30	15-127-d	Supply at site, installation, testing and commissioning of the Four gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	4	907.47	3,629.88
E-S-31	15-127-e	Supply at site, installation, testing and commissioning of the Five gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	5	991.97	4,959.85
E-S-32	15-127-f	Supply at site, installation, testing and commissioning of the Six gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	4	1,224.03	4,896.12
E-S-33	15-127-g	Supply at site, installation, testing and commissioning of the Eight gang light control switches 10 Amps, 250Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	6	1,530.72	9,184.32
E-S-34	15-127-h	Supply at site, installation, testing and commissioning of One gang light control switches 10 Amps, 250Volts two way, including appropriate size concealed MS, powder coated back box, complete in all respects	Each	1	904.68	904.68

CABLE TRAYS

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
E-S-35	15-135-b	Supply at site, fabrication and installation of GI perforated cable tray 16 SWG 8 ft. to 10 ft. long with sides 3" high to be installed on wall, or in vertical, or above false ceiling in horizontal position or floor mounted or as shown on drawing, including cost of hanging arrangement brackets made of angle iron 38mm x 38mm x 6mm installed at every 3 ft., cost of all necessary fixing accessories, complete in all respects. (300mm x 100mm)	m	50	4,430.23	221,511.50
E-S-36	15-135-c	Supply at site, fabrication and installation of GI perforated cable tray 16 SWG 8 ft. to 10 ft. long with sides 3" high to be installed on wall, or in vertical, or above false ceiling in horizontal position or floor mounted or as shown on drawing, including cost of hanging arrangement brackets made of angle iron 38mm x 38mm x 6mm installed at every 3 ft., cost of all necessary fixing accessories, complete in all respects. (150mm x 75mm)	m	80	3,282.20	262,576.00
					Total Amount	3,464,733.97

E-NS-01	NSI	Supply, installation, connecting, testing and commissioning of False ceiling mounting LED Panel light with Initial luminous flux (system flux) 3200 lm & Initial LED luminaire efficacy 88 lm/W fixture, IK02 complete in all respects as approved by the Engineer incharge	Each	86	8,090.00	695,740.00
E-NS-02	NSI	DB 01 No. 125 Amps TP MCCB RC-25KA 03 Nos. 2 Amps Protection fuses 01 No. VSS (RY,OFF,RN,YN,BN) 01 No. 0-500 Volts AC Analog Voltmeter 03 Nos. R-Y-B Indication lamps. Outgoing 7 Nos. 30 Amps TP MCB RC-6KA 15 Nos. 30 Amps SP MCB RC-6KA 17 Nos. 30 Amps DP MCB RC-6KA 15 Nos. 16 Amps SP MCB RC-6KA 15 Nos. 20 Amps SP MCB RC-6KA	Job	1	251,615.00	251,615.00
					Total Amount (B)	947,355.00
					Grand Total Amount A+B	4,412,088.97

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS****TIER - I PESHAWAR****BILL OF QUANTITIES****NETWORKING:**

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
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Supply, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, plant, accessories, chiseling, repair works etc., required for proper completion of each item as per specifications.

NETWORKING & TELEPHONE

N-S-1	15-136-c	Supply at site, installation, testing and commissioning of U/UTP, 4 pair Cat 6a (500 MHz) Network Cable supports (10 Giga) laid in PVC Conduit , with pure copper conductor PVC insulated PVC sheathed including cost of Single Shutter Face plate with UTP Cat-6a Keystone Jack with Back Box to be installed on walls, from Data Cabinet to Computer Points, PVC conduit & Cable tray. Complete in all respects.	Each	88	7,000.60	616,052.80
N-S-2	15-141-b	Supply, installation, Testing and commissioning of UTP Cat-6a Patch Cords 1m (Supports 10 Giga Network) to be Installed in Data Cabinets	Each	80	675.24	54,019.20
N-S-3	15-141-c	Supply, installation, Testing and commissioning of UTP Cat-6a Patch Cords 3m (Supports 10 Giga Network) to be Installed in Data Cabinets	Each	20	1,852.38	37,047.60
N-S-4	15-136-e	Supply, installation, testing and commissioning of Wireless Access Point (AP); 802.11 A/G/N; DUAL BAND, complete in all respects	Each	2	79,903.13	159,806.26
N-S-5	15-141-a	Supply, installation, testing and commissioning of Cable Manager / Organizer	Each	4	5,301.41	21,205.64
N-S-6	15-140-a	Supply, installation, testing and commissioning of Patch Panel 12 Port Loaded with RJ-45 I/Os Suitable for CAT-VI FTP CABLE; Rack Mount, complete in all respects.	Each	1	4,497.26	4,497.26
N-S-7	15-140-b	Supply, installation, testing and commissioning of Patch Panel 24 Port Loaded with RJ-45 I/Os Suitable for CAT-VI FTP CABLE; Rack Mount, complete in all respects.	Each	8	9,278.44	74,227.52

NETWORKING:

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
N-S-8	15-136-f	Supply at site, installation, testing and commissioning of 8U data rack, powder coated, having lockable glass door at front, 01x fix x sliding trays, 2 exhaust fans on top, 1 x 04 way rack mountable PDU, suitable for CAT 6A modular patch panels and all active and passive equipment, including power bus bar. The data cabinet shall be complete in all respect. Data cabinet shall be installed after obtaining necessary permission from the computer specialist of the client. (DATA RACK 08U 600x 600 PREFORATED; 02x FANS; 1x4 WAY ALL PDU)	Each	2	27,738.55	55,477.10
N-S-9	15-138-i	Supply and Installation of Single Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	12	652.32	7,827.84
N-S-10	15-138-j	Supply and Installation of Double Port Telephone outlet of CAT-5, 1 x RJ-45 I/Os and back box of 16 SWG, complete in all respects	Each	5	713.07	3,565.35
N-S-11	15-138-a-02	Supply and Installation of 25-Pair Telephone Junction Box with back mounting frame and connection strip Recessed in wall Type where shown on drawings, made of 16 SWG M.S. Sheet with hinged door. Completed in all respects	Each	1	18,972.00	18,972.00
N-S-12	15-138-s-02	Supply & Erection of Telephone wire 2 Pair	Yard	1500	81.09	121,635.00
N-S-13	15-144-a	Supply and Installation of 10 Pair 0.5 to 1mm ² Cat-5 cable laid in PVC conduit complete in all respects	M	45	383.35	17,250.75

CABLE TRAYS

N-S-14	15-135-c	Supply at site, fabrication and installation of GI perforated cable tray 16 SWG 8 ft. to 10 ft. long with sides 3" high to be installed on wall, or in vertical, or above false ceiling in horizontal position or floor mounted or as shown on drawing, including cost of hanging arrangement brackets made of angle iron 38mm x 38mm x 6mm installed at every 3 ft., cost of all necessary fixing accessories, complete in all respects.	m	60	3,282.20	196,932.00
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Total Amount 1,388,516.32

KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD**ESTABLISHMENT OF CITIZEN FACILITATION CENTERS****TIER - I PESHAWAR****BILL OF QUANTITIES****CCTV**

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
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Supply, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, plant, accessories, chiseling, repair works etc., required for proper completion of each item as per specifications.

CCTV

C-S-1	15-147	Supply, Installation, Testing and Commissioning of Colour 59" HD Colour LED Monitor with wall Hanging, complete in all respects	Each	1	91,498.50	91,498.50
C-S-2	15-141-b	Supply, installation, Testing and commissioning of UTP Cat-6a Patch Cords 1m (Supports 10 Giga Network) to be Installed in Data Cabinets	Each	16	675.24	10,803.84
C-S-3	15-136-c	Supply at site, installation, testing and commissioning of U/UTP, 4 pair Cat 6a (500 MHz) Network Cable supports (10 Giga) laid in PVC Conduit , with pure copper conductor PVC insulated PVC sheathed including cost of Single Shutter Face plate with UTP Cat-6a Keystone Jack with Back Box to be installed on walls, from Data Cabinet to Computer Points, PVC conduit & Cable tray. Complete in all respects.	Each	16	7,000.60	112,009.60
C-S-4	15-136-f	Supply at site, installation, testing and commissioning of 8U data rack, powder coated, having lockable glass door at front, 01x fix x sliding trays, 2 exhaust fans on top, 1 x 04 way rack mountable PDU, suitable for CAT 6A modular patch panels and all active and passive equipment, including power bus bar. The data cabinet shall be complete in all respect. Data cabinet shall be installed after obtaining necessary permission from the computer specialist of the client. (DATA RACK 08U 600x 600 PREFORATED; 02x FANS; 1x4 WAY ALL PDU)	Each	1	27,738.55	27,738.55

Sub Total Amount (A)	242,050.49
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NON-SCHEDULE ITEMS

C-NS-1	NSI	Supply Installation of IP based 4MP Bullet Camera with the following specifications: 1/3" CMOS, ICR, 2592x1520:20fps, Ultra 265/H.264/MJPEG, Triple stream, DC12V & PoE, Fixed lens 4mm, IR range: up to 30m. with WDR 120db and basic Analytics , Metal	Each	16	38,675.00	618,800.00
C-NS-2	NSI	Network Video Recorder of 16-channel, 2 SATA interface, 1U, H.265&4K complete in all respect to make system operational including 4TB Hard disk	Each	1	92,067.75	92,067.75

Sub Total Amount (B)	710,867.75
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Total Amount	952,918.24
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KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD

ESTABLISHMENT OF CITIZEN FACILITATION CENTERS

TIER - I PESHAWAR
ENGINEER'S ESTIMATE

COUNTERS

Item S No.	ItemCode	Description	Unit	Rate	Quantity	Amount (Rs.)
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NON-SCHEDULED ITEMS

CSR COUNTERS

C-01	NSI	<p>One Window Counter Workstation with Corian Top:</p> <p>Providing and fixing one window tables each size 5' x 3' x 4' 6" (Complete top will be of Corian, front will be of Super gloss lasani while side and structure will be of 16mm lasani lamination of best quality) with CPU box/space, including Tower Box for CPU, sliding tray (for Keyboard for Mouse) and a draw fitted with complete imported quality sliding channels, lock, 9mm glass with SS pipes on three sides complete in all respect.</p>	Each	118,275.00	12.00	1,419,300.00
C-02	NSI	<p>CHAIRS</p> <p>Providing of adjustable (gas lift) chairs for CSRs with Mesh Back Height, Mesh Padded Seat, Torsion Bar Basic Tilting Mechanism and 360 Rotation Nylon Base with Lumbar Back Support</p>	Each	20,542.50	17.00	349,222.50

NADRA COUNTERS

C-01	NSI	Work stations /Data Entry (Providing and fixing of workstation / Data entry counter with imported PVC paper and Standard Size of table (2.5 Ft H x 2.5 Ft W x 4 Ft L) including Tower Box for CPU, 2x sliding trays (1 for Keyboard & 1 for Mouse) fitted with complete imported sliding channels, lock and foot rest. Top of table will be made of 16 mm MDF Lassani with imported PVC Paper or equivalent and rest of the table to be made of 16mm MDF Lassani or equivalent	Each	24,900.00	4.00	99,600.00
C-02	NSI	Help Desk/Information Counter (Providing and fixing of Information counter with imported PVC paper and Standard Size including Tower Box for CPU, 2x sliding trays(1 for Keyboard & 1 for Mouse) fitted with complete imported sliding channels, lock and foot rest. Top of table will be made of 16 mm MDF Lassani with imported PVC Paper or equivalent and rest of the table to be made of 16mm MDF Lassani or equivalent	Each	34,860.00	1.00	34,860.00

	Grand Total (Rs.)	1,902,983
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KHYBER PAKHTUNKHWA INFORMATION TECHNOLOGY BOARD

ESTABLISHMENT OF CITIZEN FACILITATION CENTERS

TIER - II ABBOTTABAD

BILL OF QUANTITIES

AIR CONDITIONING WORKS

Item No.	REF. No. MRS 2022 (2nd) Bi Annual	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
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Supply, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, plant, accessories, chiseling, repair works etc., required for proper completion of each item as per specifications.

AIR CONDITIONERS

AC-S-1	26-01-p-02	Supply and Erection of INVERTER BASED SPLIT AC (1.5 Ton)	Each	1	141,687.00	141,687.00
AC-S-2	26-01-p-03	Supply and Erection of INVERTER BASED SPLIT AC (2.0 Ton)	Each	2	158,697.00	317,394.00
AC-S-3	15-02-a-02	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 3/4" i/d.	Rft	1130	32.03	36,193.90
AC-S-4	15-02-a-03	Supply and Erection PVC pipe for wiring purpose complete On surface including clamps etc: 1" i/d	Rft	390	37.24	14,523.60

Total Amount **509,798.50**

NON-SCHEDULE ITEMS

AC-NS-1	NSI	Supply and Erection of Floor Standing Inverter Heat and Cool AC (4 Ton)	Each	3	529,125.00	1,587,375.00
AC-NS-2	NSI	Supply and Erection of 4 Way Casseste Type Inverter Heat and Cool AC (2 Ton)	Each	11	385,950.00	4,245,450.00
AC-NS-3	NSI	Supply and Erection of 4 Way Casseste Type Inverter Heat and Cool AC (4 Ton)	Each	3	840,375.00	2,521,125.00
AC-NS-4	NSI	Supply Installation and Testing of Copper Pipes (Supply and Return) for 02 Ton Ceiling Mount ACs with insulation and support system.	Rft	1130	1,068.21	1,207,077.30
AC-NS-5	NSI	Supply Installation and Testing of Copper Pipes (Supply and Return) for 04 Ton Ceiling Mount ACs with insulation and support system.	Rft	390	1,189.60	463,944.00

Total Amount (B) **10,024,971.30**

Grand Total Amount A+B **10,534,769.80**