



Office Name:

Division : Municipal Corporation Gurgaon[Municipal Corporation Gurgaon]

Circle :

Name of Work-**Work Code**:

ESTIMATE FOR CONSTRUCTION OF LIBRARY FOR (CIVIL WORK, ELECTRICAL WORK) IN PALAM VIHAR PHASE -2, WARD NO-01, ZONE-02, GURUGRAM, UNDER MCG AREA[**ULB/2022-23/17353**]

Estimate Cost:

Rs. 71.72 Lakhs

Component Wise Cost:

Component Type	Estimated Cost
Civil Engineering Works	₹71,72,219
Total Cost	₹71,72,219

Item Type	Item Cost	Total Charges	Total Cost
HSR Items	₹69,85,019	₹0	₹69,85,019
NS Items	₹1,87,200	₹0	₹1,87,200
Total	₹71,72,219	₹0	₹71,72,219

Estimate Prepared By:

Name: MANOJ KUMAR

Designation: Executive Engineer

Days in which work is likely to be completed:

360 Days

Location of Estimate

Town :Gurugram

Assembly Constituency:

Gurugram

District:

GURGAON

Work Category:

Other



Municipal Corporation/Urban Local Bodies, Haryana

Work Name: ESTIMATE FOR CONSTRUCTION OF LIBRARY FOR (CIVIL WORK, ELECTRICAL WORK) IN PALAM VIHAR PHASE -2, WARD NO-01, ZONE-02, GURUGRAM, UNDER MCG AREA

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
Main-Component : CONSTRUCTION OF LIBRARY N PALAM VIHAR PHASE -2, WARD NO-01, ZONE-02, GURUGRAM							
Sub-Component :- CIVIL WORK, ELECTRICAL WORK							
1	HSR	HSR Item 26.4.3 -SITE CLEARANCE 3. clearing jungle manually including uprooting rank vegetation , grass, woody vegetation up to 30cm girth measured at height 1 m above ground level and removal of rubbish up to a distance of 50 m out side the periphery of the area cleared HSR Rate(Rs.) 7.00 Through Rate	Sqm	330.310	7.00	2312	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		SITE CLEARANCE	1.00	330.310	1.000	0.000	330.310
							330.310
2	HSR	HSR Item 15.1.1.1 -Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material as per clause 304 of MORTandH specifications Ordinary soil 1.1. Manual Means Depth up to 3 m HSR Rate(Rs.) 172.00 Through Rate	cum	484.000	172.00	83248	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Earth work	1.00	484.000	1.000	1.000	484.000
							484.000
3	HSR	HSR Item 10.1.1.1 -Providing and laying of base course of floors consisting of 100 mm thick cement 1:8:16 and 100 mm sand or stone filling. 1.1. Re-compacting excavated soil in plinth under floors, including watering, ramming, consolidating and dressing complete. HSR Rate(Rs.) 82.00 Through Rate	cum	242.000	82.00	19844	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Re-compacting	1.00	242.000	1.000	1.000	242.000
							242.000
4	HSR	HSR Item 6.1.6 -Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work below plinth level and up to Floor IV level: 6. 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) HSR Rate(Rs.) 2735.00 Through Rate	cum	26.000	2735.00	71110	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		cement concrete	1.00	26.000	1.000	1.000	26.000
							26.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
5	HSR	HSR Item 6.25.1 -Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. 1. All works up to plinth level HSR Rate(Rs.) 4999.00 Through Rate	cum	105.000	4999.00	524895	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>cement concrete for reinforced cement concrete work</i>	1.00	105.000	1.000	1.000	105.000
							105.000
6	HSR	HSR Item 6.29.1 -Centering and shuttering including strutting, propping etc. and removal of form work for : 1. Foundations, footings, bases for columns HSR Rate(Rs.) 174.00 Through Rate	Sqm	192.000	174.00	33408	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Centering and shuttering</i>	1.00	192.000	1.000	0.000	192.000
							192.000
7	HSR	HSR Item 6.25.2 -Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. 2. All works above plinth level up to floor IV level HSR Rate(Rs.) 5041.00 Through Rate	cum	120.000	5041.00	604920	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>reinforced cement concrete work</i>	1.00	120.000	1.000	1.000	120.000
							120.000
8	HSR	HSR Item 6.30.5 -Centering and shuttering including strutting, propping etc. and removal of form for 5. Lintels, beams, plinth beams, girders, bressumers and cantilevers HSR Rate(Rs.) 332.00 Through Rate	Sqm	490.000	332.00	162680	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Centering and shuttering</i>	1.00	490.000	1.000	0.000	490.000
							490.000
9	HSR	HSR Item 6.30.3 -Centering and shuttering including strutting, propping etc. and removal of form for 3. Suspended floors, roofs, landings, balconies and access platform HSR Rate(Rs.) 233.00 Through Rate	Sqm	329.000	233.00	76657	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Centering and shuttering</i>	1.00	329.000	1.000	0.000	329.000
							329.000

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Municipal Corporation/Urban Local Bodies, Haryana

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Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
10	HSR	HSR Item 6.30.6 -Centering and shuttering including strutting, propping etc. and removal of form for 6. Columns, Pillars, Piers, Abutments, Posts and Struts HSR Rate(Rs.) 293.00 Through Rate	Sqm	170.000	293.00	49810	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Centering and shuttering	1.00	170.000	1.000	0.000	170.000
							170.000
11	HSR	HSR Item 6.34.6 -Steel reinforcement for R.C.C. work, where not included in the complete rate of RCC, including straightening, cutting, bending, placing in position, binding, wastage, overlaps, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire etc. complete in all respect above plinth level. 6. Thermo-Mechanically Treated bars of grade Fe-500D or more. HSR Rate(Rs.) 68.00 Through Rate	Kg.	30375.000	68.00	2065500	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Steel reinforcement for R.C.C. work	1.00 /30375.000	0.000	0.000	0.000	30375.000
							30375.000
12	HSR	HSR Item 7.20.1 -Brick work with common burnt clay modular bricks of class designation 10.5 in foundation and plinth in: 1. Cement mortar 1:4 (1 cement : 4 coarse sand) HSR Rate(Rs.) 4341.00 Through Rate	cum	17.000	4341.00	73797	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Brick work with common burnt clay	1.00	17.000	1.000	1.000	17.000
							17.000
13	HSR	HSR Item 7.22.1 -Brick work with common burnt clay non-modular bricks of class designation 10.5 in superstructure above plinth level up to floor IV level in all shapes and sizes in : 1. Cement mortar 1:4 (1 cement : 4 coarse sand) HSR Rate(Rs.) 4342.00 Through Rate	cum	54.000	4342.00	234468	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Brick work	1.00	54.000	1.000	1.000	54.000
							54.000
14	HSR	HSR Item 11.5.3 -12 mm cement plaster of mix : 3. 1:4 (1 cement: 4 fine sand) HSR Rate(Rs.) 94.00 Through Rate	Sqm	578.000	94.00	54332	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		12 mm cement plaster	1.00	578.000	1.000	0.000	578.000
							578.000
15	HSR	HSR Item 11.8.1 -12 mm cement plaster of mix : 1. 1:4 (1 cement: 4 coarse sand) HSR Rate(Rs.) 92.00 Through Rate	Sqm	383.000	92.00	35236	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		12 mm cement plaster	1.00	383.000	1.000	0.000	383.000
							383.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
16	HSR	HSR Item 11.4.2 -10 mm thick cement plaster 2. 1:3 (1 cement: 3 fine sand) HSR Rate(Rs.) 96.00 Through Rate	Sqm	323.000	96.00	31008	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		10mm thick cement plaster.	1.00	323.000	1.000	0.000	323.000
							323.000
17	HSR	HSR Item 11.60 -Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. HSR Rate(Rs.) 66.00 Through Rate	Sqm	1284.000	66.00	84744	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		applying white cement based putty	1.00	1284.000	1.000	0.000	1284.000
							1284.000
18	HSR	HSR Item 11.67.1 -Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : 1. Water thinnable cement primer HSR Rate(Rs.) 25.00 Through Rate	Sqm	1284.000	25.00	32100	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		water thinnable cement primer	1.00	1284.000	1.000	0.000	1284.000
							1284.000
19	HSR	HSR Item 11.71.1 -Wall painting on a cement plaster surface with acrylic emulsion paint of approved brand and manufacture to give an even shade : 1. Two or more coats on new work HSR Rate(Rs.) 61.00 Through Rate	Sqm	1284.000	61.00	78324	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Wall painting on a cement plaster	1.00	1284.000	1.000	0.000	1284.000
							1284.000

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ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
20	HSR	HSR Item 12.130.1 -Providing and fixing of casement and fixed windows made from multi chambered UPVC profiles of 56 to 68mm width in natural from stabilized for heat, light, impact and UV radiation The UPVC profiles should be reinforced with galvanized steel profiles of designed thickness. All openable sashes shall be having weather seal fitted in continuous lengths made from Bubble EPOM Rubber and side hung/ top hung with up to 90 degree opening friction stays of SS 304 with provision of multipoint locking system made from Espag rods. All handle shall be made from Die Cast Zinc alloy (Model ESPAG)BS-1004A in white finish with suitable locking arrangement. The windows shall be fixed to opening using expandable screws and friction stays that shall be able to with stand wind speeds up to 180 km/hr. the shoot bolts in windows shall be rust proof metallic coated steel. The window frames shall be fixed in masonry wall RCC with necessary fasteners, nuts, bolts, washers, caps, silicon sealant etc. complete 1. Frame work HSR Rate(Rs.) 3517.00 Through Rate	Sqm	28.000	3517.00	98476	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		UPVC	1.00	28.000	1.000	0.000	28.000
							28.000
21	HSR	HSR Item 12.130.2 -Providing and fixing of casement and fixed windows made from multi chambered UPVC profiles of 56 to 68mm width in natural from stabilized for heat, light, impact and UV radiation The UPVC profiles should be reinforced with galvanized steel profiles of designed thickness. All openable sashes shall be having weather seal fitted in continuous lengths made from Bubble EPOM Rubber and side hung/ top hung with up to 90 degree opening friction stays of SS 304 with provision of multipoint locking system made from Espag rods. All handle shall be made from Die Cast Zinc alloy (Model ESPAG)BS-1004A in white finish with suitable locking arrangement. The windows shall be fixed to opening using expandable screws and friction stays that shall be able to with stand wind speeds up to 180 km/hr. the shoot bolts in windows shall be rust proof metallic coated steel. The window frames shall be fixed in masonry wall RCC with necessary fasteners, nuts, bolts, washers, caps, silicon sealant etc. complete 2. Openable shutter HSR Rate(Rs.) 5374.00 Through Rate	Sqm	28.000	5374.00	150472	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Openable shutter	1.00	28.000	1.000	0.000	28.000
							28.000
22	HSR	HSR Item 10.6 -Providing and laying of screed of 40 mm thick cement concrete 1:4:8 to be laid below the topping. HSR Rate(Rs.) 103.00 Through Rate	Sqm	181.000	103.00	18643	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		cement concrete	1.00	181.000	1.000	0.000	181.000
							181.000

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ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
23	HSR	HSR Item 10.50.1 -Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. 1. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. HSR Rate(Rs.) 3031.00 Through Rate	Sqm	374.000	3031.00	1133594	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Polished Granite stone flooring</i>	1.00	374.000	1.000	0.000	374.000
							374.000
24	HSR	HSR Item 10.51 -Providing and fixing granite stone in all shades 15mm to 18 mm thick in skirting /dado, risers of steps, pillars and wall facing, laid in any pattern as specified over base of 12mm thick cement coarse sand mortar 1:3 and jointed with white cement slurry mixed with pigment to match the shade of Granite including labour for fixing cramps pins and dowels etc. HSR Rate(Rs.) 2838.00 Through Rate	Sqm	32.000	2838.00	90816	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>granite stone</i>	1.00	32.000	1.000	0.000	32.000
							32.000
25	HSR	HSR Item 9.11.1 -10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa @ 35 kg per cum of earth and gobri leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat: 1. With common burnt clay non-modular brick tile of class designation 10 HSR Rate(Rs.) 547.00 Through Rate	Sqm	190.000	547.00	103930	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>mud phaska</i>	1.00	190.000	1.000	0.000	190.000
							190.000
26	HSR	HSR Item 9.17.1 -Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design : 1. In 75x75 mm deep chase HSR Rate(Rs.) 125.00 Through Rate	Metre	66.960	125.00	8370	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Providing gola</i>	1.00	66.960	0.000	0.000	66.960
							66.960

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Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
27	HSR	HSR Item 9.18 -Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete. HSR Rate(Rs.) 165.00 Through Rate	Each	4.000	165.00	660	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Making khurras</i>	1.00/4.000	0.000	0.000	0.000	4.000
							4.000
28	HSR	HSR Item 9.57.2 -Providing and fixing on wall face Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 2. 110 mm diameter HSR Rate(Rs.) 224.00 Through Rate	Metre	20.000	224.00	4480	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Unplasticised Rigid PVC rain water pipes</i>	1.00	20.000	0.000	0.000	20.000
							20.000
29	HSR	HSR Item 9.58.5.2 -Providing and fixing on wall face Unplasticised - PVC moulded fittings/ accessories for Unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. 5.2. Bend 87.5° 110 mm bend HSR Rate(Rs.) 104.00 Through Rate	Each	4.000	104.00	416	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Unplasticised - PVC moulded fittings</i>	1.00/4.000	0.000	0.000	0.000	4.000
							4.000
30	HSR	HSR Item 13.41 -Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories and stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). HSR Rate(Rs.) 443.00 Through Rate	Kg.	289.200	443.00	128116	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>stainless steel</i>	1.00/289.200	0.000	0.000	0.000	289.200
							289.200

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Municipal Corporation/Urban Local Bodies, Haryana

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Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
31	HSR	HSR Item 23.22.5.1 -MCCB ,DISTRIBUTION BOARDS, MCB`'s, RCCB`'s, CHANGE OVER etc. 5.1. Supply and erection of miniature circuit Breaker 240/415 V in the existing distribution board including making necessary connections:- 6 amp. to 32 amp Single Pole HSR Rate(Rs.) 162.00 Through Rate	Each	10.000	162.00	1620	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		2047.00	1.00/10.000	0.000	0.000	0.000	10.000
							10.000
32	HSR	HSR Item 23.22.5.6 -MCCB ,DISTRIBUTION BOARDS, MCB`'s, RCCB`'s, CHANGE OVER etc. 5.6. Supply and erection of miniature circuit Breaker 240/415 V in the existing distribution board including making necessary connections:- 40 amp to 63 amp. MCBs TRIPLE POLE HSR Rate(Rs.) 1162.00 Through Rate	Each	5.000	1162.00	5810	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Supply and erection	1.00/5.000	0.000	0.000	0.000	5.000
							5.000
33	HSR	HSR Item 13.44 -Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing. HSR Rate(Rs.) 148.00 Through Rate	Each	115.000	148.00	17020	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		circular/ Hexagonal cast iron	1.00/115.000	0.000	0.000	0.000	115.000
							115.000
34	HSR	HSR Item 24.1.3 -EARTHING AND LIGHTENING ARRESTOR 3. Earthing with G.I. earth plate 600 mmx 600 mm x 6 mm thick including accessories and providing masonry enclosures with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required. HSR Rate(Rs.) 3772.00 Through Rate	Each	1.000	3772.00	3772	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00/1.000	0.000	0.000	0.000	1.000
							1.000
35	HSR	HSR Item 24.1.9 -EARTHING AND LIGHTENING ARRESTOR 9. Providing and fixing 25 mm x5 mm copper strip in 40 mm dia G.I. pipe from earth electrode as required. HSR Rate(Rs.) 818.00 Through Rate	Metre	10.000	818.00	8180	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00	10.000	0.000	0.000	10.000
							10.000

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Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
36	HSR	HSR Item 24.1.12 -EARTHING AND LIGHTENING ARRESTOR 12. Supplying and laying 6 S.W.G G.I. wire at 0.50 m below ground level from earth electrode including thimbles, soldering etc. as required. HSR Rate(Rs.) 142.00 Through Rate	Metre	20.000	142.00	2840	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00	20.000	0.000	0.000	20.000
							20.000
37	HSR	HSR Item 24.1.1 -EARTHING AND LIGHTENING ARRESTOR 1. Earthing with GL earth pipe 4.5 m long and 40 mm dia with masonry enclosures on the top etc. (but without charcoal or coke and salt) as required. HSR Rate(Rs.) 3047.00 Through Rate	Each	1.000	3047.00	3047	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00/1.000	0.000	0.000	0.000	1.000
							1.000
38	HSR	HSR Item 24.1.2 -EARTHING AND LIGHTENING ARRESTOR 2. Extra for using salt and char coal/coke for pipe earth electrode as required. HSR Rate(Rs.) 730.00 Through Rate	Each	1.000	730.00	730	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00/1.000	0.000	0.000	0.000	1.000
							1.000
39	HSR	HSR Item 24.1.14 -EARTHING AND LIGHTENING ARRESTOR 14. Supply and erection of 20mm x 3 mm thick GI, tape fixed with suitable G.I. staples of same size. HSR Rate(Rs.) 69.00 Through Rate	Metre	10.000	69.00	690	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00	10.000	0.000	0.000	10.000
							10.000
40	HSR	HSR Item 24.1.16 -EARTHING AND LIGHTENING ARRESTOR 16. Supply and erection of 25mm dia 1.5 metre long lightning GI. tube rod tapered into a point at the top with 16cm x 16cm x 3mm thick G.I. base plate and necessary nuts and bolts with washers. HSR Rate(Rs.) 1006.00 Through Rate	Each	1.000	1006.00	1006	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00/1.000	0.000	0.000	0.000	1.000
							1.000
41	HSR	HSR Item 24.1.17 -EARTHING AND LIGHTENING ARRESTOR 17. Providing and fixing testing joints made of 20mm x 3mm thick G.I. strips 125 mm long with 4 nos. G.I. bolts and nuts with washers complete. HSR Rate(Rs.) 82.00 Through Rate	Each	1.000	82.00	82	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		EARTHING AND LIGHTENING ARRESTOR	1.00/1.000	0.000	0.000	0.000	1.000
							1.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
42	HSR	HSR Item 23.3.1.2 -COPPER WIRING IN PVC CONDUIT (SURFACE/RECESS) 1.2. Wiring for Light/Fan/call bell point in 1.5 sqmm FRLS PVC insulated copper conductor cable in 1.6 mm thick PVC conduit pipe. Group B HSR Rate(Rs.) 573.00 Through Rate	Each	40.000	573.00	22920	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		COPPER WIRING IN PVC CONDUIT	1.00/10.000	0.000	0.000	0.000	10.000
		COPPER WIRING IN PVC CONDUIT	1.00/30.000	0.000	0.000	0.000	30.000
							40.000
43	HSR	HSR Item 23.3.1.3 -COPPER WIRING IN PVC CONDUIT (SURFACE/RECESS) 1.3. Wiring for Light/Fan/call bell point in 1.5 sqmm FRLS PVC insulated copper conductor cable in 1.6 mm thick PVC conduit pipe. Group C HSR Rate(Rs.) 728.00 Through Rate	Each	75.000	728.00	54600	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		COPPER WIRING IN PVC CONDUIT	1.00/15.000	0.000	0.000	0.000	15.000
		COPPER WIRING IN PVC CONDUIT	1.00/60.000	0.000	0.000	0.000	60.000
							75.000
44	HSR	HSR Item 23.1.5.1 -COPPER WIRING IN MS CONDUIT (SURFACE/RECESS) 5.1. Wiring in MS conduit system for 3-pin 15amp. Plug point by using 2 no 4 sqmm FRLS copper wire and 1 no 4 Sqmm FRLS copper wire for earthing , including providing 1 no 15/16 Amp 3/6 pin socket and 1 no 15/16 Amp switch required MS Box etc complete as required Group A HSR Rate(Rs.) 1305.00 Through Rate	Each	20.000	1305.00	26100	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Wiring in MS conduit system	1.00/20.000	0.000	0.000	0.000	20.000
							20.000
45	HSR	HSR Item 23.1.5.3 -COPPER WIRING IN MS CONDUIT (SURFACE/RECESS) 5.3. Wiring in MS conduit system for 3-pin 15amp. Plug point by using 2 no 4 sqmm FRLS copper wire and 1 no 4 Sqmm FRLS copper wire for earthing , including providing 1 no 15/16 Amp 3/6 pin socket and 1 no 15/16 Amp switch required MS Box etc complete as required Group C HSR Rate(Rs.) 1857.00 Through Rate	Each	20.000	1857.00	37140	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Wiring in MS conduit system	1.00/20.000	0.000	0.000	0.000	20.000
							20.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
46	HSR	HSR Item 23.3.6.2-COPPER WIRING IN PVC CONDUIT (SURFACE/RECESS) 6.2. Wiring main and sub mains in two single core for phase and neutral wire and one single core for earth wire PVC insulated Copper conductor cable 1100 Volts grade in PVC Conduit etc as required. 1 run of Size 2.50 Sqmm(1.1.80mm) HSR Rate(Rs.) 126.00 Through Rate	Metre	1600.000	126.00	201600	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Wiring main and sub mains</i>	1.00	1600.000	0.000	0.000	1600.000
							1600.000
47	HSR	HSR Item 23.3.6.5-COPPER WIRING IN PVC CONDUIT (SURFACE/RECESS) 6.5. Wiring main and sub mains in two single core for phase and neutral wire and one single core for earth wire PVC insulated Copper conductor cable 1100 Volts grade in PVC Conduit etc as required. 1 run of Size 10 Sqmm (1/3.50 mm) HSR Rate(Rs.) 387.00 Through Rate	Metre	900.000	387.00	348300	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Wiring main and sub mains</i>	1.00	900.000	0.000	0.000	900.000
							900.000
48	HSR	HSR Item 23.22.4.7-MCCB ,DISTRIBUTION BOARDS, MCB`'s, RCCB`'s, CHANGE OVER etc. 4.7. Supply and erection of double door sheet steel enclosure distribution board suitable for MCBS and ELCBS etc. recessed in wall including bonding to earth with all labour and material required to complete the job in all respect up to the entire satisfaction of the Engineer-in-Charge of the work. TPN DB Horizontal type Double Door 8 way (8 incoming 3phase*8 outgoing) HSR Rate(Rs.) 4432.00 Through Rate	Each	2.000	4432.00	8864	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00/2.000	0.000	0.000	0.000	2.000
							2.000
49	HSR	HSR Item 23.22.6.6-MCCB ,DISTRIBUTION BOARDS, MCB`'s, RCCB`'s, CHANGE OVER etc. 6.6. Supply and erection double pole/Four pole Residual (RCCB/ELCB) on 240/415V, 5Hz. AC supply installed in existing sheet steel enclosures including making necessary connections and bonding to earth with all labour and material required to complete the job in all respect up to the entire satisfaction of the Engineer-in-Charge of the work. FP RCCB 30ma sensitivity , 63 A HSR Rate(Rs.) 2513.00 Through Rate	Each	2.000	2513.00	5026	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00/2.000	0.000	0.000	0.000	2.000
							2.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
50	HSR	HSR Item 23.7.6.2 -PVC CONDUIT PIPE ONLY (SURFACE OR RECESSED) FOR ELECTRICAL POINTS 6.2. Supply and erection of PVC CONDUIT ISI marked (Medium) recessed in wall/ceiling etc. including the cost of PVC bends, inspection boxes, iron hooks and cement concrete etc. complete in all respect up to the entire satisfaction of Engineer-in-Charge of work. PVC pipe of 25 mm dia. HSR Rate(Rs.) 36.00 Through Rate	Metre	250.000	36.00	9000	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00	250.000	0.000	0.000	250.000
							250.000
51	HSR	HSR Item 23.7.6.3 -PVC CONDUIT PIPE ONLY (SURFACE OR RECESSED) FOR ELECTRICAL POINTS 6.3. Supply and erection of PVC CONDUIT ISI marked (Medium) recessed in wall/ceiling etc. including the cost of PVC bends, inspection boxes, iron hooks and cement concrete etc. complete in all respect up to the entire satisfaction of Engineer-in-Charge of work. PVC pipe of 32 mm dia. HSR Rate(Rs.) 50.00 Through Rate	Metre	100.000	50.00	5000	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00	100.000	0.000	0.000	100.000
							100.000
52	HSR	HSR Item 24.2.6.6 -LT CABLE 6.6. Supply and erection of copper lugs including crimping etc. entire satisfaction of Engineer-in- Charge of the work. 16 sqmm HSR Rate(Rs.) 15.00 Through Rate	Each	10.000	15.00	150	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00/10.000	0.000	0.000	0.000	10.000
							10.000
53	HSR	HSR Item 23.8.1.13 -FITTING AND ACCESSORIES 1.13. Providing and fixing Piano type accessories of approved make in existing box and Bakelite sheet including fixing and making necessary connections, complete in all respect. Socket size rotary step type Electronic regulator for A.C. ceiling fan HSR Rate(Rs.) 210.00 Through Rate	Each	25.000	210.00	5250	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00/25.000	0.000	0.000	0.000	25.000
							25.000
54	HSR	HSR Item 23.8.4 -FITTING AND ACCESSORIES 4. Supply and erection of 10.5 cm dia M.S.Fan box including 8 mm dia 30 cm long M.S. Road made into suitable suspension hook and erected in R.C.C. slab for the erection of fan complete with all labour and material required to complete the job. HSR Rate(Rs.) 106.00 Through Rate	Each	25.000	106.00	2650	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		<i>Supply and erection</i>	1.00/25.000	0.000	0.000	0.000	25.000
							25.000

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
55	HSR	HSR Item 20.71.1 -Supply, erection, testing of Ceiling fans IS marked (as per IS code 374) with suitable GI pipe complete in all respects complete as per directions of Engineer-in-charge 1. 48" (1200mm) HSR Rate(Rs.) 2300.00 Through Rate	Each	25.000	2300.00	57500	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Supply, erection, testing of Ceiling fans	1.00/25.000	0.000	0.000	0.000	25.000
							25.000
56	HSR	HSR Item 20.72 -Supplying, erection, testing of Exhaust fan (as per IS code 374) having a capacity of 45 cubic metre per minute complete with suitable G.I sheet ducting in structure confirming to latest IS specifications complete in all respect to satisfaction of Engineer-in-charge. HSR Rate(Rs.) 1499.00 Through Rate	Each	4.000	1499.00	5996	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Supplying, erection, testing of Exhaust fan	1.00/4.000	0.000	0.000	0.000	4.000
							4.000
57	NS	NS Item _Supply, Erection,testing and commissioning of Puffin 18W White Round Bright LED Panel Light Ceiling Downlight Lamp Kit with LED Driver Surface Mount LED Ceiling Light (Pack of 1)(2 Year Warranty Make:-Philips,Bajaj,GE,Wipro,K-lite,crompton greaves	Each	90.000	690.00	62100	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Puffin 18W White Round Bright LED	1.00/90.000	0.000	0.000	0.000	90.000
							90.000
58	NS	NS Item _Providing and Fixing Almonard 18 inch 1440rpm Air Circulator Wall Fan, Sweep: 450 mm Brand Almonard Air Delivery 150 cmm ,Blade Material Aluminium Speed 1440 rpm, Phase Single, Warranty 1 Year, Number Of Blades 3, Sweep 450 mm, Voltage 230 V, Speed Setting 1, Frequency 50 Hz, Power Consumption 100 W complete in all respect	Each	15.000	8340.00	125100	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Almonard 18 inch 1440rpm Air Circulator Wall Fan	1.00/15.000	0.000	0.000	0.000	15.000
							15.000
59	HSR	HSR Item 3.1.2 -By Mechanical Transport including loading, unloading and stacking 2. Earth HSR Rate(Rs.) 93.00 5km	cum	440.190	93.00	40938	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		QTy	1.00	440.190	1.000	1.000	440.190
							440.190
59	HSR	HSR Item 3.1.2 -By Mechanical Transport including loading, unloading and stacking 2. Earth HSR Rate(Rs.) 6.00 Beyond 10km up to 20km per KM	cum	4401.900	6.00	26411	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		20 KM	10.00	440.190	1.000	1.000	4401.900
							4401.900

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Municipal Corporation/Urban Local Bodies, Haryana

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
60	HSR	HSR Item 17.8.2 -Compaction 2. Extra for watering the earth/fly ash laid in 20 cm layers as per specifications HSR Rate(Rs.) 30.00 Through Rate	cum	440.190	30.00	13206	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Qty	1.00	440.190	1.000	1.000	440.190
							440.190
61	HSR	HSR Item 17.8.3 -Compaction 3. Extra for rolling to specifications HSR Rate(Rs.) 30.00 Through Rate	cum	440.190	30.00	13206	
		Description	No./Qty	Length	Breadth	Depth	Total Qty
		Qty	1.00	440.190	1.000	1.000	440.190
							440.190
		Sub-Component Total Amount				7172219	
		Component Total Amount				7172219	
		Grand Total				7172219	

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WORK NAME: ESTIMATE FOR CONSTRUCTION OF LIBRARY FOR (CIVIL WORK, ELECTRICAL WORK) IN PALAM VIHAR PHASE -2, WARD NO-01, ZONE-02, GURUGRAM, UNDER MCG AREA

Final Work Cost Abstract				
Sr.No	Description	Items Amount (Rs)	Total Charges (Rs.)	Total Amount (Rs.)
	Main-Component : CONSTRUCTION OF LIBRARY N PALAM VIHAR PHASE -2, WARD NO-01, ZONE-02, GURUGRAM			
	Sub-Component: CIVIL WORK, ELECTRICAL WORK	71,72,219	0	71,72,219
	Main Component Total	₹71,72,219	₹0	₹71,72,219
	Grand Total	₹71,72,219	₹0	₹71,72,219

Executive Engineer
Municipal Corporation/Urban Local
Bodies Division
Municipal Corporation Gurgaon
[Municipal Corporation Gurgaon]

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