

AMDA Nepal
Goparneshwor-6, Jorpati, Kathmandu
Construction Works (Notice Number: 009739/AMDA/1010/208081)

BoQ with Estimated Rate

A. The rate quoted here under shall be inclusive of :

1. Supplying the materials with the accessories to the site.
2. Fixing and erecting them in position as per general practise, specifications & instruction of site Engineer.
3. Test and Maintenance up to the period, specified in the agreement.

B. The itemwise rate should be quoted without VAT.

A. Meeting Hall

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
I. Provisional Sum					
1	Insurance for the loss of damage to works, plant,material,equipment property and personnel injury or death, including third party insurance as described on Condition of Contract	PS	1.00	36,670.00	
A. CIVIL WORKS					
1	Plain cement Concrete (PCC) / RCC works M15 (1:2:4) for floors with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer.	Cu.m	0.06	15,408.00	
2	Supplying of 600*200*100mm sized Autoclaved Aerated Concrete (AAC) Block, mixing and using 1:4 Adhesive mortar with transport to 30m above Ground floor	SQM	9.31	1,807.85	
3	Supplying,fitting EPS (Expanded Polystyrene) and Cement Base Light Weight Sandwich Panel with 4.5 mm thick calcium Silicate Board (Non Asbestors) as face board on both sides 75 mm thick(Gorkha Eco Panel) work complete as per instruction of site engineer.	SQM	85.44	4,726.33	
4	38mm PCC (1:2:4) using chips and cemnt punning of thin layer over it in perfect line level including supply of material, mixing hauling etc as per drawing, specification and instructions of engineer all complete	Sq.m	65.33	794.44	
5	Supplying and fixing of Sisam,saaj & Teak wood Parquet of 18 mm thickness on strain/mix Color with Tounge & Groove (T.G.) Flooring with all accessories all complete as per instruction of site engineer.	Sq.m	65.33	8,043.10	
6	Supplying and fixing of 4" Skirting of Sisam for Wall Panelling work with all accessories all complete as per instruction of site engineer.	r.m	42.09	1,131.60	

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
7	Supplying & laying Porcelain Non Glazed tile (1:4) on Toilet fixing in proper shape & size all complete as per approved drawing, Specification and instruction of site engineer.	Sq.m	12.27	3,603.90	
8	Supplying & laying Porcelain Glazed tile (1:4) on Toilet fixing in proper shape & size all complete as per approved drawing, Specification and instruction of site engineer.	Sq.m	35.28	3,535.84	
9	12.5mm thick cement sand plaster in (1:4) ratio on wall in any level (from base to top of Building), size and shape of wall of good finish including racking the joint, wetting of surfaces & curing cleaning and cost of necessary scaffoldings works of total height of building as per drawing, specification & instructions of engineer all complete.wall and ceiling	Sq.m	171.28	463.53	
10	20mm thick cement sand plaster in (1:4) ratio on wall in any level (from base to top of Building), size and shape of wall of good finish including racking the joint, wetting of surfaces & curing cleaning and cost of necessary scaffoldings works of total height of building as per drawing, specification & instructions of engineer all complete.on wall external	Sq.m	103.02	591.62	
11	Providing and application of wall putty of approved brand over cement plaster on internal walls and ceilings conforming to lines, plumbs and levels with finishing surface coat not exceeding 3mm including necessary scaffolding as per drawing, specification and instructions of engineer all complete.	Sqm	274.30	313.41	
12	Supplying and Painting two coats of emulsion paint to internal plaster surface of any shape, size and height with specified paint of approved colour over 1 coat of primer inclusive of surface preparation by providing puttying sanding surface, watering (if necessary), cleaning and all necessary scaffoldings etc. as per drawing, specification and instruction, all complete.	Sqm	171.28	370.49	
13	Supplying and Painting two coat of External Apex weather coat paint to outer exposed plastered surface of any shape, size and height with specified paint of approved colour over 1 coat of primer inclusive of surface preparation by providing puttying sanding surface, watering (if necessary), cleaning and all necessary scaffoldings etc. as per drawing, specification and instructions of engineer all complete.	Sqm	103.02	299.72	
14	UPVC sliding Door with net (frame 52 X 88mm sash 8 X 42mm	Sqm	7.52	10,727.20	
15	UPVC 60*60mm white colour Swing Door With 5mm Glass Panel	Sqm	5.57	12,063.50	

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
16	UPVC sliding window with net (frame 50 X 80mm sash 58 X 36mm)	Sqm	11.70	8,711.25	
17	UPVC sliding window without net (frame 60 X 60mm sash 66 X 42mm)	Sqm	2.09	8,046.55	
18	Providing, supplying, fabricating, erecting, centering and fixing in position of various Truss work of MS Black pipe with I.S or B.S Section structure for roofing work including all consumables with drilling and welding where required, cleaning of surface one coat of primer and two coats of enamel paints of approved colour with hole in true to the line & level including all necessary M.S. bed plates, shoe angles, anchor bolts, lead sheeting or cement grouting, scaffolding, electricity supply, transportation charge, leads & lift, welding, grinding and all accessories as per details, drawing, specification and instructions all complete.	KG	225.18	204.31	
19	different types of bolt for fabricating truss with the instruction of engineer	KG	6.05	195.00	
20	Providing and applying of two coats of polymer coating water proofing system of approved brand	Sq.m	12.27	643.44	
21	Providing and fixing in position 0.50mm plain sheet of matching color of CGI sheet 150mm wide & upto 450mm Gutter on roofing as per drawing and instruction all complete	rm	29.51	1,302.43	
22	Supplying and fitting of Gypsum board for false ceiling fixing with 3" GI metal frames and all work complete as per instruction of site engineer.	sqm	163.34	1,175.53	
23	Roof leakage repair and maintenance work	l.s	1.00	30,000.00	
24	demolishing work to insert iron pole in between the wall	l.s	1.00	10,000.00	
B. SANITARY WORKS					
1	Porcelain clay White glazed EWC floor mounted Comode with low level glazed cistern, p/s trap and all necessary fittings complete set.	Set	2.00	14,847.65	
2	(61x41x38)cm size Large Flat back White glazed Urinal set	Set	2.00	11,732.30	
3	68x30cm size White glazed urinal partition all complete set	Set	1.00	3,234.37	
4	15mm C.P. Urinal Auto closing Valve with built in control cock	nos	2.00	3,248.00	
5	(50x40)cm Porcelain clay white glaze Oval Wash basin with pedestal and mixture complete set.	Set	4.00	20,210.10	
6	C.P.Soap Dish (polyurethane).	Set	4.00	333.90	
7	Porcelian Clay Toilet Paper Holder (Recessed) American standard with necessary accessories	nos	2.00	1,526.45	
8	C P Grating 100mm (4") dia size	nos	4.00	139.26	
9	PVC Floor Trap 11x7.5cm (4" X 2½")	nos	4.00	617.60	
10	Looking Mirror Modi guard 450x600mm (18"x 24")	nos	4.00	2,173.55	
11	Glass shelf with guard rails	nos	4.00	1,127.80	
12	C P 15 mm Angle valve	nos	10.00	1,580.50	

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
13	15mm Bib Cock with aerator	nos	2.00	1,529.00	
14	15 mm CPVC (Chlorinated Polyvinyl Chloride) Pipe SDR 11 CTS, 28.1 kg/cm ² (Flowguard or ISI Standard)	Rm	5.00	334.24	
15	20 mm CPVC (Chlorinated Polyvinyl Chloride) Pipe SDR 11 CTS, 28.1 kg/cm ² (Flowguard or ISI Standard)	Rm	8.00	391.74	
16	25 mm CPVC (Chlorinated Polyvinyl Chloride) Pipe SDR 11 CTS, 28.1 kg/cm ² (Flowguard or ISI Standard)	Rm	30.00	512.00	
17	15 mm CPVC ball valve, CTS sockets	Nos	2.00	420.15	
18	20 mm CPVC ball valve, CTS sockets	Nos	2.00	567.35	
19	25 mm CPVC ball valve, CTS sockets	Nos	1.00	836.45	
20	32 mm CPVC ball valve, CTS sockets	Nos	1.00	1,367.75	
	Panchakanya or approved brand PVC pipes including cutting, jointing, sealing with rubber washer and solvent cement and for complete installation, PVC clamps, nails and hooks. Installation of pipes and specials including making holes on walls or floor and repairing the same to its original finish, excavation and backfill (compaction as per civil works specifications) in any type of soil. Pipes to be installed on trenches or walls or floor or hung to ceilings as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metre, fittings etc payable seperately.				
21	110 mm PVC Pipe 4 kg/cm ²	Rm	20.00	1,005.61	
22	75 mm PVC pipe 4 kg/cm ²	Rm	20.00	552.17	
	Panchakanya or approved brand HDPE pipes including cutting, jointing, with all necessary HDPE fittings. Installation of pipes and specials including making holes on walls or floor and repairing the same to its original finish, excavation and backfill (compaction as per civil works specifications) in any type of soil. Pipes to be installed on trenches or walls or floor or hung to ceilings as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metre, fittings etc not payable seperately.				
	Panchkanya or equivalent UPVC specials all complete				
23	75 mm diameter UPVC Vent cowl	No.	1.00	335.55	
24	75 mm diameter UPVC plain tee	No.	1.00	454.73	
25	75 mm diameter UPVC door tee	No.	2.00	519.40	

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
26	75 mm diameter UPVC 90 degree bend	No.	1.00	405.28	
27	75 mm diameter UPVC door bent	No.	1.00	444.59	
28	75 mm diameter UPVC 45 degree bend	No.	1.00	379.93	
29	110 mm diameter UPVC Vent cowl	No.	1.00	559.50	
30	110 mm diameter UPVC plain tee	No.	1.00	802.93	
31	110 mm diameter UPVC door tee	No.	1.00	802.93	
32	110 mm diameter UPVC 90 degree bend	No.	2.00	702.77	
33	110 mm diameter UPVC door bent	No.	1.00	756.02	
34	110 mm diameter UPVC 45 degree bend	No.	2.00	649.52	
35	110 mm diameter UPVC Y branch	No.	1.00	909.43	
36	75 mm diameter UPVC pipe clip	No.	5.00	41.25	
37	110 mm diameter UPVC pipe clip	No.	5.00	52.66	
38	110 x 110 mm diameter UPVC Gully trap	No.	2.00	742.44	
C. ELECTRICAL WORKS					
A.	LUMINAIRES ITEMS / SOCKETS / SWITCH / JUNCTION BOX				
	Supply, Installation, Testing & Commissioning of ceiling mounted various LED/CFL light , Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.				
1	2*32W,6500K 4 Feet Long LED Tube light	Set	7	2,500.00	
2	9W LED Round Conceal Panel Light	Set	2	900.00	
3	12W LED Round Conceal Panel Light	Set	8	1,400.00	
4	9W, >720lm COB Warm White Light	Set	16	2,160.00	
5	48W LED Conceal Square Panel Light	Set	5	3,000.00	
6	Supply Delivery and Installation of various switches with complete junction box make north-west or equivalent (accessories: metal box ,screws ,gripes,flexible wire etc all complete.)				
7	1 gang one way switch	Set	1	317.98	
8	2 gang one way switch	Set	1	422.63	
	4 gang one way switch	Set	3	668.73	
9	5 gang one way switch	Set	2	746.35	
10	Supply and Delivery of various power socket along with junction box make high quality 13/15 Amps combined S/socket flat /round pin flush type Northwest ,ABB, Siemens or eqvt. etc all complete. (TWIN POWER SOCKET)				
11	Supply and Delivery of various power socket along with junction box 16 Amp for AC	Set	4	429.00	
B.	AC/FAN / EXHAUST FAN				
1	48" Ceiling fan (Usha, Orient, Crompton or Similar)	Set	8	2,151.00	
2	6" Exhaust fan	Set	2	1,560.00	
3	1 TR Ceiling Cassette DC Inverter Air Conditioning unit with complete installlation power supply 220V AC single phase Trane, Midia, Mitsubishi or eqvt with Accesseries: Screws,gripes, nut bolts, angle, channel, drain, copper pipe, insulation etc all complete.				
C.	SUB DB/ POINT WIRING				

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
1	12 WAY SPN Distribution Board(supply and installation of wiring from MDB to SDB with PVC insulated copper multistrand wire through 20 mm internal dia hard conduit directly from the MDB's.)	Set	1	7,570.45	
2	32Amp MCCB	Set	1	4,132.00	
3	Supply and installation of light pointwiring from DB ,Junction box, switch box to various points with PVC insulated copper multistrand wire through 20 mm internal dia hard conduit directly from the DB's, Concealed via Switch as per Drawing and specifications	Point	48	1,121.29	
4	Supply and installation of power socket pointwiring from DB ,Junction box, switch box to various points with PVC insulated copper multistrand wire through 20 mm internal dia hard conduit directly from the DB's, Concealed via Switch as per Drawing and specifications	Point	16	1,208.87	

B. Construction of Compound Wall

S.N.	Description	Unit	Quantity	Estimated Rate	Remarks
1	Providing and laying stone masonry 1:6 C/S in 10mm thick cement sand mortar with one side fair finish, including cost of scaffolding, curing filling and raking out joints wherever required and transportation upto 30m using approved size and quality bricks as per drawings, specifications, all complete.	Cu.M.	5.9	13,749.88	
2	Providing and laying first class burn bricks 1:4 C/S in 10mm thick cement and mortar with one side fair finish, including cost of scaffolding, curing filling and raking out joints wherever required and transportation upto 30m using approved size and quality bricks as per drawings, specifications, all complete.	Cu.M.	7.71	17,696.64	
3	Supplying and laying stone soling in foundation in proper line and level, all complete as per specifications, design or instruction of the engineer.	Cu.M.	0.91	5,054.84	
4	P.C.C. (plain cement concrete) for flooring with cement:sand:aggregate- 1:3:6 including machine mixing, curing, laying, finishing etc. all complete as per specification, design and drawings, all complete. (M10)	Cu.M.	0.45	13,875.94	
5	P.C.C. (plain cement concrete) for RCC for footings, beam, shear-wall, ramps with cement:sand:aggregate- 1:1.5:3 including machine mixing, curing, laying, finishing etc. all complete as per specification, design and drawings, all complete. (M20)	Cu.M.	13.65	16,543.63	
6	Providing and painting with 2mm plain cement putty, exterior and interior or equivalent of approved make and shade, thoroughly cleaning/preparing the surface, removing the loose burrs, dust, dirt repairing dents, holes cracks etc. washing and wetting the surfaces, all complete as per specifications, design, drawings and instruction of the Engineer, including the cost of materials labor, scaffolding curing etc.	kg	1283.23	147.91	