Bill of Quantities (BOQ)

Cities 4 Women (C4W): Inclusive and Climate Resilient Urbanization in Nepal, Budhabare Haatbazar, Sunwal-08

IFB No.: 80547403/11.SUN/NCB/2083/84

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	ProvisiGeneral Works Provide & install project information board in suitable place including 50mm dia. Steel tube, 2mm thick steel plate, cement concrete, painting, writing and supporting steel angle nut and bolt etc.all complete works (size 1.2 m × 0.9 m with back support) onal Sum	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
PS.2	Insurance of works , construction equipments & against to workmen including third party insurance against damage to other persons and property as per bid doc	PS	1.00	1,00,000.00 One lakh rupees only.	1,00,000.00 One lakh rupees only.
PS.3	Material testing works as per norms, specification and directed bysite engineer..(Regular reports for Quality Assurance of work done shall be under Contractor responsibility)	PS	1.00	25,000.00 Twenty-five thousand rupees only.	25,000.00 Twenty-five thousand rupees only.
PS.4	Implementation of complete HSSE & PSEAH requirements, such as, HSSE meetings, HSSE/PSEAH induction and training. medical facilities and safety equipment, incentive and rewards schemes, personal protective equipment (PPE), emergency response resources, safety signage and posters, HSSE personnel etc. as stated in contract document & as directed by Engineer work done without any pre-approval shall not be paid.	PS	1.00	1,09,000.00 One lakh nine thousand rupees only.	1,09,000.00 One lakh nine thousand rupees only.
PS.5	Other Unseen Miscellenous Works (Greenary & Plantation & other children playing equipments etc,,) as per approval. (The payment of this item will be done according to submitted original copy ofrelated invoices.)work shall be carried out only if pre-approval from client.work done without any pre-approval shall not be paid.	PS	1.00	75,140.00 Seventy-five thousand one hundred forty rupees only.	75,140.00 Seventy-five thousand one hundred forty rupees only.
	Total provisional sums				3,14,140.00 Three lakh fourteen thousand one hundred forty rupees only.

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	CIVIL WORKS SITE CLEARANCE Site preparation for starting the work, clearing & uprooting thin vegetation, grubbing their roots and disposal far from the sites also leveling the surface as per instruction, specification and drawing all complete for all construction sites.	sqm	1,676.96			
1.2	Earthwork in excavation in all type of soil including proper disposal as per specification and instruction of engineer all complete	cum	255.88			
1.3	Earth back filling in foundation trenches & floor in layer not exceeding 150mm with sprinkling water, ramming & consolidating (using the soil received from the same site) as per specification and instruction of site engineer all complete.	cum	180.31			
1.4	FLOORING WORKS Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, complete as per Drawing and Technical Specifications.	cum	96.67			
1.5	Providing and laying of single layer of first class chimney made bick bat soling with packing the joint with sand and watering including proper compaction and dressing of base up to the approved levels as specification and instruction of site engineer all complete.	cum	9.05			
1.6	Providing and laying of 200*100*80 mm thick heavy duty Rectangular colour with NS Standard with compressive Strength M40 or above interlocking block over 50mm thick crusher dust all complete.	sqm	895.50			
1.7	Providing and laying Concrete Paving Tile / Tactiles (Single Color) with compressive strength M35 or Above , with thickness 40mm and dimension 400mm * 400mm * 40mm all completed as per standard specification and instruction of Engineer.	sqm	60.00			
1.8	Supplying and Laying of 75mm thick flagstone with packing the joints with sand as per specification and instruction of site engineer all complete.	sqm	26.82			

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1.9	38 mm th Plain cement screeding work in 1:2:4 with cement, sand and crushed aggregate including mixing, laying, compacting and wetting all complete in perfect line and level as per drawings, specifications and instruction of site Engineer all complete.	sqm	71.74			
1.10	Supplying and laying of porcelain non glazed floor tile as per approved standard of manufactured country in cement sand mortar (1:4) ratio as per drawing, specifications and instruction of site engineer all complete.	sqm	30.05			
1.11	Supplying and laying of ceramic glazed wall tile as per approved standard of manufactured country in cement sand mortar (1:4) ratio as per drawing specification and instruction of site engineer all complete.	sqm	67.86			
1.12	3mm Punning work in cement mortar (1:1) on floor, wall and in skirting as per specification and as directed by Engineer.	sqm	41.69			
1.13	Supplying & applying elastocrete cementitious elastomeric water proofing coating 2 components capacity per kg 6 sq. ft for 2 coat including all complete work.	sqm	32.85			
1.14	Providing pebbles around the recharge well all complete	cum	1.28			
1.15	PCC & RCC WORKS Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6 (1 cement : 3 sand : 6 coarse aggregate) for leveling course in foundations and floor of building, pathway, etc in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	cum	7.92			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.16	Providing and laying machine mixed PCC (1:2:4) M15 Works in foundation and floor base including haulage, supply of materials, fixing the form works, supply of required labours all complete as per drawing, Specification and instruction of technical site representative.	cum	7.07			
1.17	Providing and laying machine mixed PCC (1:1.5:3)-M20 Works in super structures, deck slabs, beams including haulage, supply of materials all complete as per drawing, specification and instruction of technical site representative.	cum	25.69			
1.18	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	ton	3.63			
1.19	Formwork for centering & shuttering for RCC works in sub and super-structures with approved material such as plywood(18mm th.), steel post etc.with necessary props, staging & removal of forms all complete as per drawings, specifications.	sqm	179.45			
1.20	Supplying and fitting of 3'6" dia reinforced concrete Readymade ring for well	pcs	13.00			
1.21	BRICKWORK Providing and laying machine made brick work in ground floor in 1:4 c/s mortar with approved quality bricks in line & level with necessary scaffolding, wetting the bricks, proper packing the joints & curing the works with all complete as per drawings and specifications.	cum	7.95			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.22	Good quality local chimney made brickwork in ground floor in 1:4 c/s mortar with approved quality bricks in line & level with necessary scaffolding, wetting the bricks, proper packing the joints & curing the works with all complete as per drawings and specifications.	cum	6.17			
1.23	DOOR/WINDOWUPVC Door frame (60x58mm) door sash (104x60mm)pannel, inside 1.2mm galvanized steel used for reinforcement including the cost of material, labour, fixing & fitting all Complete.	sqm	17.01			
1.24	UPVC fixed ventilation frame (60x58mm), inside 1.2mm galvanized steel used for reinforcement, 5 mm clear glass (white colour) including the cost of material, labour, fixing & fitting all Complete.	sqm	2.88			
1.25	Supplying and fixing of UPVC 110X64X9mm thick board and 5mm thick Partition With 9mm half board all complete as per specification and instruction of site engineer.	sqm	26.50			
1.26	Supplying and fitting 68x30cm size White Glazed Urinal Partation with all complete set.	set	4.00			
1.27	METAL WORKS M.S.black pipe roof truss with I.S. or B.S. section including jointing, fixing, erection and primer painting with all necessary M.S. bed plates, shoe angles anchor bolts leas sheeting or cement grouting as per drawing and instructions, all complete .	kg	462.18			
1.28	Supplying and fitting of 50mm dia stainless steel railing with 50mm dia stainless steel 0.90 m height pipe post differ 2 m c-c distance with 2 caps and including three layer of 25mm dia stainless steel member welding, joints and putting painting as per drawing and instructions all complete	rm	8.73			
1.29	WOODWORK Supplying and fixing of Sal wood plank of size 38mm thick x 60mm wide including nut, Bolt , Screew all accessories all complete as per instruction of site engineer.	cum	0.94			

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1.30	Providing and laying of one layer of 500 SWG polythene sheet as per specification and as directed by Engineer.	sqm	34.20			
1.31	Providing and fitting 0.5mm color sheet gutter on roofing with proper shape & size, all necessary nails, screws, bolts, nuts washers, J or L hooks including M.S.bracket etc as per drawing & instruction all complete.	sqm	85.50			
1.32	Supply and laying of Machine made clay tile laying on cement mortar above slope roof with complete design, drawing and specification or the insctruction of engineer .	sqm	25.00			
1.33	Supply and laying of Machine made clay ridge tile laying on cement mortar on the slope roof with complete design, drawing and specification or the insctruction of engineer .	rm	4.00			
1.34	PLASTER WORKS Providing and applying 12.5 mm thick cement sand plaster in 1:4 c/s in wall, floors etc. in line, level, plumb and smoothen surface including ranking the joints, cleaning, wetting, curing and scaffolding etc as per specification & instruction of site engineer all complete.	sqm	210.11			
1.35	Supply and apply of 2mm thick plain white putty plaster work at ceiling and wall as per specification and instruction of site engineer all complete.	sqm	210.11			
1.36	PAINTING Supply and apply two coats of prepared plastic emulsion paint with over one coat of primer as per specification and instruction of site engineer all complete.	sqm	46.90			
1.37	Supply and apply two coats of weather coat paint over one coat of primer Exterior Face as per specification and instruction of site engineer all complete.	sqm	126.81			
1.38	Supply and apply two coats of of prepared enamel paint as per specification and instruction of site engineer all complete.	sqm	142.16			

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1.39	SANITARY WORKS Supplying, fitting, connection and fixing in position of 530mm Porcelain clay white glazed Orissa pan with complete set all complete set as per Specification, drawing and Engineer's instruction.	No.s	5.00			
1.40	Providing, fitting and fixing in position the following Bathroom accessories (make: Grohe or equivalent) with cp screws etc and necessary accessories all complete as per Specification, drawing and Engineer's instruction. 15mm C.P. Commode Spray	No.s	3.00			
1.41	Chrome plate Toilet Paper Holder	No.s	3.00			
1.42	Chrome Plate Soap Dish.	No.s	7.00			
1.43	Looking Mirror Modi guard 450x600mm (18"x 24")	No.s	7.00			
1.44	PVC floor trap 11X7.5cm (4"X2*1/2")with cockroach trap(make:Grohe or equivalent)	No.s	11.00			
1.45	CP 15 mm bib cock	No.s	7.00			
1.46	SOIL, WASTE, VENT AND RAIN WATER PIPES Supplying, fitting and fixing in position of PVC and CPVC pipes Pipes (make: Panchkanya or equivalent) with solvent cement joint for soil, waste, vent and rain water pipes inside of building necessary accessories all complete as per Specification, drawing and Engineer's instruction. for waste water 110 mm diaPVC Pipe SN-4, Astral or eqv.	Rm.	22.50			
1.47	Ø 75 mm diaPVC Pipe SN-4, Astral or eqv.	Rm.	6.00			
1.48	Ø 50 mm PVC pipe 6kg/cm2	Rm.	6.48			
1.49	Water Supply Ø 25 mm (3/4") CPVC pipe 28.1 kg/cm2	Rm.	1.75			

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1.50	Ø 20 mm (1/2") CPVC pipe 28.1 kg/cm2	Rm.	152.25			
1.51	Ø 15 mm CPVC pipe 28.1 kg/cm2	Rm.	93.45			
1.52	Storm Water 160 mm dia PVC Pipe SN-4, Astral or eqv.	Rm.	249.14			
1.53	110 mm dia PVC Pipe SN-4, Astral or eqv.	Rm.	132.00			
1.54	ROOF TANK, VALVES AND PUMPS Supplying, fitting and fixing in position of HDPE Tank and Pump above the building with necessary accessories all complete as per Specification, drawing and Engineer's instruction.Pumps 1 HP Pump submersibble electric motor pump indian equvalent with fitting all complete	Set	1.00			
1.55	Valves Ø 25 mm Gun Metal Gate valve	No.s	3.00			
1.56	DRY DECK FOUNTAIN Nozzle Dry fountain nozzle (DN25)	Pcs	12.00			
1.57	Pipe Flow main Pipeline (DN80/ss 304)	Rm	28.00			
1.58	Fountain Pipeline (DN25/ss 304)	Rm	20.00			
1.59	Adjustable Valve Type A (DN40/ss 304)	Pcs	1.00			
1.60	Type B (DN25/ss 304)	Pcs	12.00			
1.61	Fittings Pipe Flange (ss 304)	Pcs	8.00			
1.62	Pump Flange (ss 304)	Pcs	1.00			
1.63	Pump Joint	Set	1.00			
1.64	Pump Pipe Rack System	Set	3.00			

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1.65	Accessories Screw, Nuts, waterproof tape, PVC tape. Welding rod, rubbermat, etc	batch	1.00			
1.66	Pump 5 H.P. Submersible Pump (QSP 100-9-4)	Set	1.00			
1.67	Lights Fountain Central Hole Light (9W/24V)	pcs	12.00			
1.68	Wires Pump Wire (4sq.m. 3core sub)	m	75.00			
1.69	Light Wire (1.5 sq.m. 4core sub)	m	75.00			
1.70	Controller sets Controller	set	1.00			
1.71	S.S. Grating	pcs	16.00			
1.72	P.C. Control System	set	1.00			
1.73	Filter 1000mm Fountain Filter with necessary accessories fitting	set	1.00			
1.74	UV Filter with necessary accessories fitting	set	1.00			
1.75	MISCELLANEOUS WORK Supplying, fitting and fixing in position of UV 55 Watts (equivalent to Philips) for drinking water supply above the toilet building with necessary accessories all complete as per Specification, drawing and Engineer's instruction.	Set	1.00			
1.76	Supplying, fitting and fixing in position of Rapid Rainwater filter 4layers filtration (2-5mm to 20-40m) with necessary accessories all complete as per Specification, drawing and Engineer's instruction.	Set	1.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.77	ELECTRICAL WORKS* MCB : 10KA,MCCB 18kA Supply, Installation, testing, commissioning of following type of flush mounted Distribution Boards (400V, 50 Hz, three phase four wire) with double lockable cover , water proof / dust and vermin proof , made out of 16 SWG thick sheet steel duly treated with 2 coats each of primer and finished epoxy paints, all complete as per specification, drawings and instruction of the Consultant.Make: MCCB/MCB- legrand,ABB, Siemens. Panel and Distribution bord Make: Avon, NG and Fuse or equv. Main distribution board Incomer: 1 nos 32 amp 3P MCCB 18 KA 1 nos 25 amp 4P MCB, C Curve, 10 Ka for SPD 1 SET SPD CLASS1 25KA Outgoing: 2 nos 25 amp 3P MCB , C Curve, 10 Ka for pump and external DB 12 nos 25 amp 2P MCB , C Curve, 10 Kafor 7 nos of Shad,Toilet block,youth club, aama samush and spare 2 nos 16 amp 2P MCB , C Curve, 10 Ka for spare ,aama samuh 1 set of VA meter 3 phase with CT Coil 3 nos of RYB indicator with 3 nos of 2A 1p MCB 1 set of TPNE copper busbar of at least 20X3 mm pure copper bus bar 1 lot of Panel double door encloser Box 1 lot Minor Materials as cable glands, cable ties, expansion bolts etc Testing and Comissioning	set	1.00			
1.78	DB-SHADE,1,2,3,4,5,6 &7 Incomer: 1 nos 25 A DP 30 mA RCBO, C Curve, 10 Ka Busbars Phase, Neutral and Earth Links Outgoing: 6 nos 16A SP MCB, C Curve, 10 Ka 1 set 10 Way SPN Distribution Box 1 lot Minor Materials as cable glands, cable ties, expansion bolts etc	set	1.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.79	TOILET Incomer: 1 nos 25 A DP MCB,C Curve, 10 Ka 1 nos 25 A DP 30 mA RCCB, C Curve, 10 Ka Busbars Phase, Neutral and Earth Links Outgoing: 8 nos 16A SP MCB,C Curve, 10 Ka 1 set 12 Way SPNdouble door Distribution Box 1 lot Minor Materials as cable glands, cable ties, expansion bolts etc	set	4.00			
1.80	DB-AAMA SAMUH & YOUTH CLUB Incomer: 1 nos 25 A DP MCB,,C Curve, 10 Ka 1 nos 25 A DP 30 mA RCCB,C Curve, 10 Ka Busbars Phase, neutral link and Earth Links Outgoing: 8 nos 6-16A SP MCB 1 set 16 Way SPN double door Distribution Box 1 lot Minor Materials as cable glands, cable ties, expansion bolts etc	set	2.00			
1.81	Supply, Delivery, laying, Testing and Commissioning of following Low Voltage Cables with all applicable accessories such as Cable Shoes, PVC Sleeves in cable, cable trench(exavation and backfill) etc. as per drawing (SLD) , specifications and instructions all Complete. (Make: Pioneer, Trishakti, Litmus,Raathi,Mahalaxmi or equivalent) 4c 16 sq.mm Cu PVC cable From NEA tapping point to NEA meter box to MDB	mtr	35.00			
1.82	4c 4 sq.mm Cu PVC cable +1c 4 sq mm copper pvc cable from MDB to fountain pump,street light and strip light through underground in 32mm HDPE pipe.	mtr	330.00			
1.83	3c 6 sq.mm Cu PVC cable From MDB to shad through underground in 32mm HDPE pipe.	mtr	550.00			

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1.84	2c 4 sq.mm Cu PVC cable +4 sq.mm. multistranded copper wires from external DB to each strip light,spike light and external genral power outlet through underground in 32mm HDPE pipe.	mtr	304.00			
1.85	2c 2.5 sq.mm Cu PVC cable +1.5 sq.mm. multistranded copper wires from external DB to each foot light through underground in 32mm HDPE pipe.	mtr	305.00			
1.86	Junction Box/handhold Supply, Installation, testing, commissioning of flush mounted Pull box (Trape Door) of aprox. size 130mmx130x77mm for electrical cables with lockable cover made out of 16 SWG thick sheet steel duly treated with 2 coats each of primer and finished epoxy paints, as per drawings and instruction of the Consultant.Note: Used in planter for looping cable .	set	8.00			
1.87	Provide of 400x400x400 mm handhold with CI heavy duty cover(355mmx355mm 14KG) all required civil material and works for electrical work.	set	8.00			
1.88	Supply, installation, testing and commissioning of fans with necessary expansion bolts ,down rods ,ceiling rose, electonic regulators and flymesh frames, all complete as per specification, drawings and instruction of the Consultant. Wall Fan ceiling mounded(RPM – 2100,Air Delivery – 105 m3/min,Power – 125W,3 Blade Leaf,Smooth Oscillation Control Pull Chord,3 Speed Control.Tilting Control,Thermal Overload Protection,Silent Operation and low maintenance, Energy Efficient Motor,2 Years Warranty on Product	set	1.00			
1.89	Orbit Fan ceiling mounded(sweep size: 400mm,RPM:1280, 230 volt, 3 step speed , 85watt, 60CMM air delivery(m3/min)	set	2.00			
1.90	exhuast fan	set	3.00			

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1.91	Concealed Wiring(Light/Fan and Power point wiring)Light and fan points wiring from switchboards to light fixtures and fans with 2 nos. of 1.5 sq mm & 1nos. of 1.5 sq.mm (PN+E) PVC insulated copper conductor 1100 volts grade stranded flexible wires through 20mm dia. PVC rigid conduit (No cable jointing is allowed except switch and fixture) .The cost shall be including pvc circular box, shaddle bend, elbo and cable tia as per drawing all complete as per drawings, specifications and instructions of Engineer.	pts	204.00			
1.92	Power points wiring from switchboards to genral power point with 2 nos. of 4 sq mm & 1nos. of 2.5 sq.mm (PN+E) PVC insulated copper conductor 1100 volts grade stranded flexible wires through 20mm dia. PVC conduit (No cable jointing is allowed except switch and fixture) .The cost shall be including pvc circular box, shaddle bend, elbo and cable tia as per drawing all complete as per drawings, specifications and instructions of Engineer. Note: point wiring for toilet, aama Samuh and youth club block.	pts	6.00			
1.93	Supply, installation, testing and commissioning of point wiring from sub Distribution Board to junction boxes, from junction boxes to light , Fan and power outlets, switches in suitable HDP Polythene pipe with PVC insulated copper conductor recessed inside ground, concrete slab, wall, etc. as per drawing, specifications, instructions including necessary nails, saddle clamps, accessories, ceiling roses etc. for following circuits:	pts	52.00			
1.94	Supply, installation, testing and commissioning of modular type switch Sockets , metal box with face plate. all complete as per specification, drawings and instruction of the Consultant. 1 nos of 16 A Three Pin power sockets with shutter+ 1 nos of 16 A switch + 3 module face plate + 3 module GI metal box.	set	5.00			
1.95	1 nos of 16 A Three Pin power sockets with shutter+ 1 nos of 16 A switch +1 nos of 6 A switch+ 4 module face plate + 4 module GI metal box.	set	12.00			

Construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.96	1 nos of 16 A Three Pin power sockets with shutter+ 1 nos of 16 A switch + 3 module face plate + 3 module GI metal box(all item in IP 68 rating Box)	set	3.00			
1.97	1 nos of 6 A switch with + 1 module face plate +1 module GI metal box	set	2.00			
1.98	2 nos of 6 A switch with + 2 module face plate +2 module GI metal box	set	3.00			
1.99	3 nos of 6 A switch with + 3 module face plate +3 module GI metal box	set	2.00			
1.100	4 nos of 6 A switch with + 3 module face plate +3 module GI metal box	set	1.00			
1.101	CCTV and surveillance System: (HIKVISION or equivalent) Wiring of IP CCTV camera with Cat 6 e UTP Data Cable from Distribution Frame/Junction to Nominated Place through 20 mm HDP conduit through underground including metal cable tie as per drawing and instruction all complete(Make:Legrand/Schneider/D-link or equivalent)	mtr	850.00			
1.102	4MP Bullet IP High quality imaging CCTV camera with 24/7 full time color, Human detection ,watherproof ,HD video , IR, junction box(IP-68) with pole suporting frame all complete set.	set	15.00			
1.103	16 Channel NVR with 2 nos. of 6TB Hard drive.	set	1.00			
1.104	32" LED monitor (Make: Samsung) insllaed in ward office	set	1.00			
1.105	16 Port PoE Switch withing Unit Rack.	set	3.00			
1.106	Optical fiber media converter (1 nos receiver set for ward office and 1 nos trasmeter set for electrical room)	set	1.00			

Construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.107	6 core optical fiber from electrical room to ward office	set	350.00			
1.108	Earthing System : Supply & embedding of earth Station as per IS 3043-1966 comprising with all fixing materials, including testing & commissioning of maintenance free Chemical earthing with 3 meter long 250 micron copper bonded rod Outer dia.of 17.5 mm and connecting with 25X3 mm Cu strip with hdpe pipe as earth lead from earthing elctrode to the earth terminal box and earth cham ber for inspection as per drawings,specifications and instruction all complete.	set	2.00			
1.109	Street light Supply, Erection, Testing and commissioning of 9 meter hight (5m - 5inch dia 4.8 mm th medium , 2 m - 4inch dia 3.2mm th light , 2m- 3 inch dia th 3.2 light) Steel tubular hot deep galvanized pole with single armed with 60 watt LED street light fixture with PCC on bottom up to ground level and above ground level pole surrounding 350mm height brick work with installed junction box as per drawing etc .	set	2.00			
1.110	Supply, Erection, Testing and commissioning of solar system street light including 9 meter hight (5m - 5inch dia 4.8 mm th medium , 2 m - 4inch dia 3.2mm th light , 2m- 3 inch dia th 3.2 light) Steel tubular hot deep galvanized pole with double armed with 60 LED street light fixture with PCC on bottom up to ground level and above ground level polesurrounding 350mm height brick work with installed junction box as per drawing etc.(4nos. 100 Wp solar panel, 2no. 100 AH 12 volt lithinium ion battery, 2 no. charge controller with dusk to down sensor,2 no. 60 watt LED street light supply voltage 12V DC, 2 no. battery box, PV metal suporting structure, all required cable and accessoris etc.): PV module , battery should be RETS approve	set	2.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.111	Supply, Erection, Testing and commissioning of solar system street light including 9 meter hight (5m - 5inch dia 4.8 mm th medium , 2 m	set	1.00			

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	- 4inch dia 3.2mm th light , 2m- 3 inch dia th 3.2 light) Steel tubular hot deep galvanized pole with single armed with 60 watt LED street light fixture with PCC on bottom up to ground level and above ground level polesurrounding 350mm height brick work with installed junction box as per drawing etc.(2 nos. 100 Wp solar panel, 1no. 100 AH 12 volt lithinium ion battery,charge controller with dusk to down sensor, 60 watt LED street light supply voltage 12V DC,battery box,PV metal suporting structure and all required cable and accessoris etc.) PV module , battery should be RETS approve					
1.112	Fire Extingusher Supply & installation of 5 Kg Fire Extingusher ABC type , all complete as per specification, drawings and instruction of the Consultant.	nos.	1.00			
1.113	UPS Supply & installation of 250VA sine wave inverter/ups with 12v 65AH Power Safe Sealed Maintenance Free Battery all complete as per specification, drawings and instruction of the Consultant.	set	1.00			

Total Item Price	
VAT (13.00%)	
Grand Total	