

Bid Addendum Report

Chandragiri Municipality, Kathmandu

Chandragiri Municipality, Kathmandu
Balambu
Kathmandu
Nepal

Addendum No: 1

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Chapter: Evaluation and Qualification Criteria

Sl. No.	Existing Criteria	Modified Criteria	Latest Criteria Description
1	Adequacy of Technical Proposal	Multiple Contracts	<p>Pursuant to Sub-Clause 35.4 of the Instructions to Bidders, if Works are grouped in multiple contracts, evaluation will be as follows:</p> <p>Works are grouped in multiple contracts and pursuant to Sub-Clause 35.4 of the Instructions to Bidders, the Employer will evaluate and compare Bids on the basis of a contract, or a combination of contracts, or as a total of contracts in order to arrive at the least cost combination for the Employer by taking into account discounts offered by Bidders in case of award of multiple contracts.</p> <p>If a bidder submits several successful (lowest evaluated substantially responsive) bids, the evaluation will also include an assessment of the Bidder's capacity to meet the aggregated requirements regarding:</p> <ul style="list-style-type: none"> • Specific Construction Experience • Average Annual Construction Turnover • Financial Resources, Equipment to be allocated, and • Personnel to be fielded.
2	Multiple Contracts	Removed	<p>Pursuant to Sub-Clause 35.4 of the Instructions to Bidders, if Works are grouped in multiple contracts, evaluation will be as follows:</p> <p>Works are grouped in multiple contracts and pursuant to Sub-Clause 35.4 of the Instructions to Bidders, the Employer will evaluate and compare Bids on the basis of a contract, or a combination of contracts, or as a total of contracts in order to arrive at the least cost combination for the Employer by taking into account discounts offered by Bidders in case of award of multiple contracts.</p> <p>If a bidder submits several successful (lowest evaluated substantially responsive) bids, the evaluation will also include an assessment of the Bidder's capacity to meet the aggregated requirements regarding:</p> <ul style="list-style-type: none"> • Specific Construction Experience • Average Annual Construction Turnover • Financial Resources, Equipment to be allocated, and • Personnel to be fielded.

Chapter: Bill of Quantities

1 Provisional Sum

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Unit Rate(in NPR)	Amount(in NPR)
1	Provide insurance to permanent works and construction equipments and against accidents to work men & Engineers Staffa including third party insurance (conditions of contract clauses 14).	no.	1	500000	500000
2	Maintain Engineer's Site Office , store ,equipment,with all charges for services,gardening ,temporary and permanent structural or non structural works as directed by Engineer.	no.	1	3000000	3000000
3	All required lab test work for construction materials, steel, sand ,aggregate, bricks ,cube test etc as directed by Engineer	no.	1	500000	500000

2 Construction work

2.1 Works for complete or part construction and civil engineering work

2.1.1 Building construction work

2.1.1.1 Civil Works

2.1.1.1.1 General Works

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Provide of laptop AMD Ryzen73750H Gigahertz, 16GBDDR4 memory,512GBM. 2NVMe piece15.6inch non glare full HD(1920*1080 boasts impressive colour and clarity fast120hz 3-ms energy efficient LED backlight panel,NVIDIA Ge force GTX 1660 TI 6GB GDDR6 VRAM Graphics.4 cell 48Whr,multitouch track pad with intragated buttons.	no.	2.0			
2	Procurement of 220 cc Motorcycle 4 stroke engine wet sump forced cooling system-air cooled with cooler fuel tank 13ltr.,ground clearance 169mm , vehicle kerb weight 156kg,max net power 19.03ps at 8400 rpm, max.torque 17.5nmat 7000rpm, gear pattern 1,down 44p.	no.	1.0			
3	Procurement of 199.19 cc Scooter 4 stroke si engine,fan cooled with viscuss paper filter, self /kick 85km/h speed,fuel tank 5.3 liter.rim size 10 inch, tube less type tyre,break size 130mm(CBS),milage 50km/hr.	no.	1.0			
4	Fixing at site a display information bord(1200mm X 1500mm) with project Name clearly written in plain sheet in tubuler pipe frame all complete.	no.	1.0			

3 Construction work

3.1 Civil Works

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	SITE CLEARANCE & MOBILIZATION : Cleaning, levelling and layout of the site all complete as per the specification and instruction of site engineer including cutting grass and removing roots.	Sq.m	898.83			
2	EARTHWORK IN EXCAVATION : Earthwork in excavation of the hard clay using hydraulic excavator (0.8 cu.m capacity) all complete as per the specification and instruction of site engineer.	Cu.m	4770.74			
3	EARTH BACK FILLING : 'Earth back filling in foundation trenches & floor in 150 mm thick layers with sprinkling water, ramming & consolidating (using the soil received from the same site) including the transportation upto 10m all complete as per the specification and instruction of site engineer.	Cu.m	1790.2			
4	STONE SOLING : Stone soling in the building foundation trenches, floors and the ramps using the block stone and bond stone including the levelling and transportation charge upto 30 m all complete as per the specification and instruction of site engineer.	Cu.m	543.38			
5	BRICK SOLING : Flat brick soling in septic tank and manhole including the packing of the joint with sand along with the proper compaction and dressing of base up to the approved levels all complete as per the specification and instruction of site engineer.	Sq.m	22.39			
6	BRICK BATTING : Brick bat packing work in septic tank and recharge pit by broken bricks of size 15mm to 150mm all complete as per the specification and instruction of site engineer. (Remark: Per m3 630 nos. of bricks but with 30% void considered)	Cu.m	20.85			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
7	LAYING POLYTHENE SHEET : Providing and laying of one layer of 500 SWG polythene sheet above the stone soling in the building foundation and ramp all complete as per the specification and instruction of site engineer.	Sq.m	968.41			
8	P.C.C (1:3:6) WORKS : M10(1:3:6) PCC work in the building foundation, floor base and foundation 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.	C u.m	88.52			
9	P.C.C (1:2:4) WORKS : PCC (1:2:4) M15 Works in ramp, septic tank, and man hole 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.	Cu.m	16.17			
10	(1:1.5:3) P.C.C. FOR R.C.C. WORKS : PCC (1:1.5:3) M20 Works in septic tank, recharge pit and compound wall 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.	Cu.m	26.62			
11	(1:1:2) P.C.C. FOR R.C.C. WORKS : PCC (1:1:2) M25 Works in super-structure with micro silica or plastisizer 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.	Cu.m	1834.53			
12	STEEL REINFORCEMENT : Fixing Torsteel/TMT Reinforcement Grade-1 (Fe 500) conforming to I.S. 1786-1985 in R.C.C. work including cleaning, cutting, bending, placing in position on the basis of drawings, specifications, etc. Approved and tested Brands.	Mt.	284.33			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
13	<p>FORM WORKS : Supplying and laying centering, shuttering of various pattern formworks with 19/12 mm thick water proof ply wood & steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer. Beam</p>	Sq.m	1931.62			
14	Slab	Sq.m	3219.05			
15	Column, Raft, Shear Wall	Sq.m	2083.8			
16	Horizontal Band	Sq.m	435.47			
17	<p>BRICK MASONRY WORKS (1 : 6 c/s) : Providing and laying first class chimney fired brick of one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to plinth, superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.</p>	Cu.m	260.44			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
18	HALF BRICK WORKS (1 : 4 c/s) : Providing and laying first class chimney fired brick of half brick thick wall in cement mortar 1:4 (1 cement : 4 coarse sand) in superstructure and other specified places in all heights and level including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the engineer.	Cu.m	142.31			
19	DAACHI APPA WORK : Providing and laying traditional brick (small dachi appa) work in (1:1:2) lime, surkhi, and mortar all complete including carving (butta) as per drawing, Specification and instruction of technical site representative.	Sq.m	1314.54			
20	BRICK MASONRY WORKS RAT TRAP BOND : Providing and laying first class chimney fired brick of half brick or more thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in rat trap bond including transportation distance upto 30m all complete as per drawing, Specification and instruction of technical site representative.	Cu.m	10.1			
21	DOOR FRAME WORKS : Providing and fixing of wooden sculptured door frame made of Saal wood all complete as per drawing, specification and instruction of technical site representative.	Cu.m	0.26			
22	DOOR SHUTTER WORKS : Providing and fixing of wooden sculptured door shutter made of Saal wood all complete as per drawing, specification and instruction of technical site representative.	Sq.m	24.84			
23	DOOR WORKS : Supply and fixing UPVC single door with full pannel (frame 60x60mm sash 60x100mm white colour with panel) all complete as per drawing, specification and instruction of technical site representative.	Sq.m	182.28			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
24	WINDOWS AAKHIJYAL WORKS : Providing and fixing of wooden sculptured aakhijyal made of saal wood all complete as per drawing, specification and instruction of technical site representative.	Sq.m	117.91			
25	WOODEN WINDOWS FRAME WORKS : Providing and fixing of wooden window frame made of saal wood all complete as per drawing, specification and instruction of technical site representative.	Cu.m	5.81			
26	WOODEN WINDOWS SHUTTER WORKS : Providing and fixing of wooden window made of saal wood with 38 mm x 75 mm frame including 5 mm thick glass all complete as per drawing, specification and instruction of technical site representative..	Sq.m	177.14			
27	WINDOWS & VENTILATION WORKS : UPVC sliding window with net (frame 50x80mm sash 58x36mm white colour with 5mm glass) all complete as per drawing, specification and instruction of technical site representative.	Sq.m	14.4			
28	NAS CARVING WORKS : Carved Nas 3" thick works below sun shade at 4th floor and projected window all complete as per drawing, specification and instruction of technical site representative.	R.m	195.61			
29	CEMENT SCREEDING : 38 mm thick 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.	Sq.m	2216.84			
30	PUNNING WORK : 3mm Punning work in cement mortar (1:1) on floor, wall and in skirting as per specification and as directed by engineer.	Sq.m	2237.42			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
31	NEAT CEMENT SKIRTING WORK : Supplying and laying 12mm thick 100mm high cement skirting in 1:4 Cement Sand mortar plaster all complete in perfect line and level as per drawings, specifications and instruction of site engineer.	R.m	1105.36			
32	MARBLE SKIRTING WORK : Supplying and fixing 16mm good quality of marble in 12.5 mm thick cement sand mortar in 1:3 ratio with approved color on skirting all complete as per drawings, specification and as directed by site engineer.	Sq.m	25.38			
33	TILE SKIRTING WORK : Supplying and laying of non glazed tile on floors in 12 mm thick cement sand mortar of (1: 6) ratio with approved colour and height of 100mm as skirting all complete as per drawings, specification and as directed by site engineer.	R.m	539.5			
34	MARBLE WORK : Supplying and Fixing 16mm Good Quality of Marble in 20mm thick cement sand mortar in 1:2 ratio with approved colour on floor and wall including polishing all complete as per drawings, specifications and instruction of site engineer.	Sq.m	417.24			
35	NON-GLAZED FLOOR TILE WORK : Supplying and laying of non glazed tile on floors in cement sand mortar (1:4) ratio with approved colour on floors all complete as per drawings, specification and as directed by site engineer.	Sq.m	590.55			
36	CORNIC WORK : 20mm thick cornic at floor level all complete as per drawings, specification and as directed by site engineer.	R.m	280.3			
37	PLASTER ON INNER WALL (1:4): 12.5mm thick cement sand plaster in 1:4 c/s in required line and perfect smooth level on walls of building and septic tank ,including necessary scaffolding and proper curing for 15 days all complete as per drawings, specification and as directed by site engineer.	Sq.m	10141.44			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
38	PLASTER ON CEILING (1:4) : 12.5mm thick cement sand plaster in 1:4 c/s in required line and perfect smooth level on ceiling of building and septic tank,including necessary scaffolding and proper curing for 15 days all complete as per drawings, specification and as directed by site engineer.	Sq.m	3457.88			
39	20MM THICK PLASTER : 20 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 in building and man hole all complete as per drawings, specification and as directed by site engineer.	Sq.m	721.43			
40	INTERIOR PAINT WORK : Supplying and applying of 2mm thick plain white wall putty on internal surface of the building of approved quality and colour over properly cleaned surface and all complete as per specification and instruction of site engineer.	Sq.m	12619.51			
41	INTERIOR PAINT WORK : Providing and applying two coats of plastic emulsion paint of approved manufacturer and shade over a coat of alkali resistant cement primer of approved manufacturer as per manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staircase, lobbies etc., all complete as per drawings, specifications and instruction. The rates shall include for scraping, washing the surface with water, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the engineer.	Sq.m	12619.51			
42	IRON PAINT WORK : Supplying & painting work of two coats enamel paint after one coat primer for main entrance iron gate all complete as per drawings, specification and as directed by site engineer.	Sq.m	22.32			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
43	WOOD PAINT WORK : Three coats spirit Chappra paint with one coat primer for main door/window and other specified wood works all complete as per drawings, specification and as directed by site engineer.	Sq.m	334.56			
44	EXTERIOR WEATHER COAT PAINT WORK : Providing and applying two or more coats of first quality hundred percent acrylic paint of approved shade and pattern to the exterior walls of buildings etc., The rates shall include for scrapping , washing the surface with water, applying a coat of approved quality water base cement primer, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the engineer.	Sq.m	1208.47			
45	DACHHI APPA PAINT WORK : Exterior duraseal paint (Thinner base)on Dachhi appa works all complete as per drawings, specification and as directed by site engineer.preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the engineer.	Sq.m	1314.54			
46	GLAZED PORCELINE CLAY TILES : Supplying and laying of glazed porceline clay tiles on walls of toilet and bath room in cement sand motar (1:4) ratio with approved colour on wall all complete as per drawings, specification and as directed by site engineer.	Sq.m	893.39			
47	NEW JHINGATI : Providing and fixing of new jhingati (8-3/4"*4") laying on roof with 3" clay all complete as per drawings, specification and as directed by site engineer.	Sq.m	490.35			
48	TRUSS WORK : Fabricating and providing structural steel components/elements of truss including nut bolt, gusset plate, shop drawings, facilities for inspection & testing and trial assembling all complete as per drawings, specification and as directed by site engineer.	Mt.	6.65			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
49	RAILING WORK : 50 mm dia SS stair hand rail, 50mm dia 1 mtr ht. vertical stainless steel pipe placed at 2 mtr c/c , 25 mm dia 3 layer horizontal steel pipe placed between vertical pipe for Stair case Railing as per specification and instruction of site engineer all complete.	R.m	47.48			
50	MAIN ENTRANCE IRON GATE WORKS : Supplying and fitting of Iron Gate (16 guage 50x50x5 mm frame) including two coats of enamel paint over a coat of red oxide primer at the main entry as per drawing,specification and approval of engineer all complete.	Sq.m	22.32			
51	FIRE EXIT STEEL STAIRCASE : M.S. Fire escape saircase 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 .	Mt.	6.0			
52	ROOFING SHEET WORKS : Providing and fixing of UPVC sheet with PMMA coating and mesh (REGULAR) at roof as per specification.	Sq.m	361.7			
53	RIDGE COVER WORKS : Providing and fixing of ridge cover UPVC PMMA (3mm thick) regular at roof as per specification.	R.m	53.79			
54	FALSE CEILING WORK : Supplying and fixing modular ceiling and all work complete as per instruction of site engineer.	Sq.m	364.33			
55	PARTITION WALL WORK : Dry wall partition with metal stud : Providing fitting, fixing G.I. under frame, using GYPSTEEL branded channel fixing 12.5mm thick Gypboard or boral plater board on both side, finishing of joints with compound & tape all complete overall thickness 75mm.	Sq.m	122.12			
56	FLORA FOUNTAIN WORK : Supply and construction of flora fountains incuding wall putty and emulsion painting all complete as per drawings, specification and as directed by site engineer.	Job	1.0			
4 Construction work						

4.1 Electrical Works

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	Main Pannel Board and Accessories: (For 100*3 Ampere Load at nearly 100% Load)Supply, installation, testing and commissioning of Panel Board of around 80 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 80 ampere in each three phases ,.i.e total of 240 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
2	100 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv) for main Main incomming. [For supplying power to Main Panel Boards Bus Bars]	set	1.0			
3	60 ampere TP MCCB ? 16kA	set	6.0			
4	32 Amp DP MCB	no.	12.0			
5	16 Amp DP MCB	no.	9.0			
6	20 Amp DP MCB	no.	6.0			
7	10 Amp SP MCB,	no.	6.0			
8	6 Amp SP MCB,	no.	6.0			
9	40 Amp DP MCB	no.	1.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
10	UPS Distribution Board : (UPS DB1)Supply, installation, testing and commissioning of 24 way Distribution Board (DB) with suitable color, double cover, push type switch, appropriate standard size . (ankur metal or equiv.) and installation of following accessories in this DB	set	1.0			
11	25 Amp DP MCB, for UPS main output.	no.	1.0			
12	10 Amp DP MCB, UPS Power Supply for Double Power Socket	no.	7.0			
13	6 Amp SP MCB, UPS Power Supply for light load and CCTV Power Supply	no.	8.0			
14	Sub Pannel Board 1 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R, Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
15	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
16	32 Amp DP MCB	no.	12.0			
17	16 Amp DP MCB	no.	9.0			
18	20 Amp DP MCB	no.	6.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
19	10 Amp SP MCB,	no.	6.0			
20	6 Amp SP MCB,	no.	6.0			
21	40 Amp DP MCB	no.	1.0			
22	32 ampere TP MCCB ? 16kA	set	1.0			
23	40 ampere TP MCCB ? 16kA	set	1.0			
24	60 ampere TP MCCB ? 16kA	set	1.0			
25	UPS Distribution Board : (UPS DB 2)Supply, installation, testing and commissioning of 24 way Distribution Board (DB) with suitable color, double cover, push type switch, appropriate standard size . (ankur metal or equiv.) and installation of following accessories in this DB25 Amp DP MCB, for UPS main output.	no.	1.0			
26	10 Amp DP MCB, UPS Power Supply for Double Power Socket	no.	7.0			
27	6 Amp SP MCB, UPS Power Supply for light load and CCTV Power Supply	no.	8.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
28	Sub Pannel Board 2 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
29	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
30	32 Amp DP MCB	no.	12.0			
31	16 Amp DP MCB	no.	9.0			
32	20 Amp DP MCB	no.	6.0			
33	10 Amp SP MCB,	no.	6.0			
34	6 Amp SP MCB,	no.	6.0			
35	40 Amp DP MCB	no.	1.0			
36	32 ampere TP MCCB ? 16kA	set	1.0			
37	40 ampere TP MCCB ? 16kA	set	1.0			
38	60 ampere TP MCCB ? 16kA	set	1.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
39	UPS Distribution Board : (UPS DB 3)Supply, installation, testing and commissioning of 24 way Distribution Board (DB) with suitable color, double cover, push type switch, appropriate standard size . (ankur metal or equiv.) and installation of following accessories in this DB 25 Amp DP MCB, for UPS main output.	no.	1.0			
40	10 Amp DP MCB, UPS Power Supply for Double Power Socket	no.	7.0			
41	6 Amp SP MCB, UPS Power Supply for light load and CCTV Power Supply	no.	8.0			
42	Sub Pannel Board 3 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessities as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
43	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
44	32 Amp DP MCB	no.	12.0			
45	16 Amp DP MCB	no.	9.0			
46	20 Amp DP MCB	no.	6.0			
47	10 Amp SP MCB,	no.	6.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
48	6 Amp SP MCB,	no.	6.0			
49	40 Amp DP MCB	no.	1.0			
50	32 ampere TP MCCB ? 16kA	set	1.0			
51	40 ampere TP MCCB ? 16kA	set	1.0			
52	60 ampere TP MCCB ? 16kA	set	1.0			
53	Sub Pannel Board 4 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
54	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
55	32 Amp DP MCB	no.	12.0			
56	16 Amp DP MCB	no.	9.0			
57	20 Amp DP MCB	no.	6.0			
58	10 Amp SP MCB,	no.	6.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
59	6 Amp SP MCB,	no.	6.0			
60	40 Amp DP MCB	no.	1.0			
61	32 ampere TP MCCB ? 16kA	set	1.0			
62	40 ampere TP MCCB ? 16kA	set	1.0			
63	60 ampere TP MCCB ? 16kA	set	1.0			
64	Sub Pannel Board 5 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
65	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
66	32 Amp DP MCB	no.	12.0			
67	16 Amp DP MCB	no.	9.0			
68	20 Amp DP MCB	no.	6.0			
69	10 Amp SP MCB,	no.	6.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
70	6 Amp SP MCB,	no.	6.0			
71	40 Amp DP MCB	no.	1.0			
72	32 ampere TP MCCB ? 16kA	set	1.0			
73	40 ampere TP MCCB ? 16kA	set	1.0			
74	60 ampere TP MCCB ? 16kA	set	1.0			
75	Sub Pannel Board 6 and Accessories: (For 60*3 Ampere Load at nearly 100% Load) Supply, installation, testing and commissioning of Panel Board of around 60 Amp in each three phases of Panel Board (Panel Board accessories like bus bar and others must be such that it should able to flow current of 60 ampere in each three phases ,.i.e total of 180 ampere current through all three phases) with suitable color, floor mounted double cover, push type switch, appropriate standard size with bus bars Red, Yellow,Blue, Neutral, Ground (R,Y,B,N,G), voltmeter, ammeter, three lamps, CT , PT etc. (ankur metal or equiv.) and installation of required accessories like MCCB's and MCB's, Cable Shoes of appropriate sizes and other necessaries as per instruction on site and supply and installation of following accessories in this panel board. [Panel Board must be of modern type with door locking facility of high strength metal with all modern features]	set	1.0			
76	60 ampere TP MCCB ? 25kA (Brand: Siemens/Legrand or eqv)	set	1.0			
77	32 Amp DP MCB	no.	12.0			
78	16 Amp DP MCB	no.	9.0			
79	20 Amp DP MCB	no.	6.0			
80	10 Amp SP MCB,	no.	6.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
81	6 Amp SP MCB,	no.	6.0			
82	40 Amp DP MCB	no.	1.0			
83	32 ampere TP MCCB ? 16kA	set	1.0			
84	40 ampere TP MCCB ? 16kA	set	1.0			
85	60 ampere TP MCCB ? 16kA	set	1.0			
86	Transformer (? 70KVA) , High Strength Metallic H - Pole or RCC house for transformer installation, L.A, DOB Fuses , TOD meter, metering unit, C.T and P.TSupply , testing and Installation of Pure Copper coil containing Transformer 3 Phase 4 Wire System of Size ?70 KVA with full of all accessories like transformer oil etc. It must be fitted with proper size of Lightning Arrestor on H-Type Pole or Better. Also Supply, testing and Installation of 1 no's H- Type or better type Metal/Steel Pole (to withstand the weight of this transformer) or RCC column and beam composition house of appropriate dimensions to install transformer on it's top , 3 no's Lightning Arrestors, 3 no.s' Transformer attached arrestors (Horn Gap/ Rod Gap Arrestor or appropriate) , 3 no's DOB Fuses. , 1 number of TOD meter,metering unit of appropriate type to be placed either in HT side or LT side of transformer, 1 set of Current Transformer (C.T), 1 set of Potential Transformer (P.T) which will be purchased as allowed by Nepal Electricity Authority (Preferably HT side TOD meter) etc. Transformers must be fitted on H-Type Metal or better pole or RCC column and Beam with Brick house. [Transformer Must be ISO Certified]	Set	1.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
87	Main MCCB's / ACB Supply, installation, testing and commissioning of 100Amp TP MCCB ? 100kA (Adjustable) or ACB; (Brand: Siemens/Legrand or eqv) for main Main incoming. (MCCB must have feature to adjustable FOR SUPPLYING FULL LOAD current of 30 kva transformer) [For supplying power to Main Switch coming from Transformer]	Set	1.0			
88	Main SwitchSupply, installation, testing and commissioning of Main Switch 100 Amp three phase such that it should able to flow current of 150 ampere in each three phases ,.i.e total of 450 ampere current through all three phases with 4 pole.ISO Brand or Equivalent	Set	1.0			
89	Change Over SwitchSupply, installation, testing and commissioning of 3 ways input and 1 way output three phase 4 pole 100 A, 415 V Change Over Switch. Brand: Legrand or similar type ISO Equivalent. Also Supply and installation of appropriate Cable shoes required for connecting change over switch with generators, Main panel board and sub Panel boards.	Set	1.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
90	EarthingSupply , testing and Installation of separate Earthing System and materials like Pure copper plate , Copper Pipe, SWG Cables, Charcoal, salts. etc for connecting Earthing Plate from Generators (total earthing = 2*1=2 ; 1 for Neutral Earthing ; 1 for Body Earthing), Transformers (total earthing = 1*2=2 ; 1 for Neutral Earthing ; 1 for Body Earthing), L. A of transformers (total earthing = 1*3=3 ; 1 for Each of three Phases R,Y,B) Main Panel Board and it's associated DB Earthing (Total number = 1), On line 3 phase ups output neutral point earthing (Total number = 1). The Earthing Plate Size for each must be seperate and SWG wire size to be used must be such that it is able to flow the fault current to the ground so as to have very less resistance value between earthing plate and point of earthing of associated devices. Earthing must be done under the supervision of site engineer with resistance test . The Copper Plate must be Standard Size according to International Standard .	Set	7.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
91	<p>Cables , Cassing Capping (Listi), Cable Shoes ,conduit pipe and misc.Supply , testing and Installation of different types of Armored, unarmored Cables, ABC Cables, normal cables, PVC Cables etc. as required on site with , conduit Pipes , Cable Shoes, Cable Connectors, . etc and all necessary equipments. The Cable Length will be as required for the whole area from Transformer /Generator to Changeover switch, Main panel board , Sub panel Board , Steel Tower, Metal Truss. etc as per required on site. The cable size may be 3.5 Core and 4 core , XLPE cables,etc. 1100 Volt Pure copper Cables of 1.5 mm² to 1000 mm². and Single core of 400V Pure copper Cables of 1 mm² to 77.2 mm². The power Cables must be run through underground with water leakage protection scheme and concealed as well as Cassing capping as site conditions. Cables must be ISO Certified. . Also Supply , testing and Installation of different types of Cassing Capping , Cable Shoes as required on site [1 set = total required on site] [Work must be complete with complete neat and clean finishing] [Cable must be layed underground, through wall .etc with protective measures of cables from moisture and external environment or as per site requirement and way of laying cables and cables sizes must be of current rating 15 to 20 % greater than current rating of MCCB's and MCB's used since the lenght of cables in stadium goes too long and some power loss takes place in the cables.] Use one way different Gang Switches as well as regulators for lights anf fans as per drawings,</p>	Set	1.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
92	Stainless Steel GEWISS Cable Tray or better With Cover and accessories of BRN range ; and Stainless Steel Cable RaceWays, Cable ties, and Different gang different ways switchboards and fan regulators .Supply , testing and Installation of size 515*80 mm2 or greater better hot deep galvanised steel cable trays MV 40 175 or better PVC Pipes or as required on site conditions and cable Raceways of size as per required on site . Size of Cable Trays and Cable Raceways can vary as required on site conditions and as per instructed by site engineer with , Pipes , Cable Shoes, Cable Connectors . etc and all necessary equipments. (Legrand or equivalent or better) .Must be ISO Certified. [1 set = total required on site]. Complete chieseling and plastering works of the building structure must be done along with the supply and installation of cable raceways and cable trays, cable ties , cable shoes.etc . Also supply different gangs different ways switchboards along with switches (10 gang 1 way, 6 gang 1 way , 5 gang 5 way, etc as per requirement switchboards) and ceiling fan regulators of heavy size. Switch board and fan regulators must be ISO certified brand (Legrand or equivalent)	Set	1.0			
93	Normal Light Fixtures, Light Steel Towers and Fan:Supply, installation, testing and commissioning of light fixture with 2x40 W FTL/LED Mirror Optic set Fitting light including tube, holder, box, hanging metal chain if required on site etc.	No	190.0			
94	Supply, installation, testing and commissioning of light fixture with False Ceiling as well as surface light Rectangular 1x18 W LED set Fitting light including box, hanging metal required on site etc.	No	60.0			
95	Supply, installation, testing and commissioning of light fixture with False Ceiling as well as surface light Rectangular 1x18 W LED set Fitting light including box, hanging metal required on site etc.	No	100.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
96	Supply, installation, testing and commissioning of light fixture with 1x9 W LED BULB set Fitting light including tube, holder, box, hanging metal chain if required on site etc.	No	55.0			
97	LED Flood Light Supply , testing and Installation of Flood Light as following: Supply , testing and Installation of single phase LED Flood Light 150 Watt ,Water Proof and Water Resistant as following: (Features: must have accessories like capacitors , ballasts, mounting rods, fixtures, not bolts and other required necessary equipments attached (or built in) Flood Light must be able to operate in the open environment (rain , sun, wind.etc) and there must be proper casing so as to get protection form external environment conditions.)	Set	6.0			
98	Installation and Fixing of appropriate size of Steel Towers of height ? 10 meter (or as necessary on site conditions) with all works complete that includes RCC fixing of towers footing at proper depth so as to withstand the weight of tower itself and Flood light to be fitted at it's top with all the necessary angle rod at proper angle .Steel Towers must be painted with colour .	Set	3.0			
99	Supply, installation, testing and commissioning of 48" or higher Ceiling Fan/ Wall Fan [for open/no ceiling space] including regulator & switches, hanging rod and all necessary accessories as required on site. [Connect with City Line supply] Use ISI marked [Brand: Almonard,Polard, Power Pack or ISI equivalent]. Also supply hanging metallic rod of size 0.5 meter to 4 meteres or more as required on site .	set	40.0			
100	Supply, installation, testing and commissioning of Exhaust Fan & switches, supporting rod and all necessary accessories as required on site. [Connect with City Line supply]	set	5.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
101	Power SocketSupply, installation, testing and commissioning of 13A/15A, 250 V, 50 Hz, Two gang Double Power Switched Sockets with PVC Box & all necessary materials. [For supplying UPS1 DB output]	set	120.0			
102	Supply, installation, testing and commissioning of 13A/15A, 250 V, 50 Hz, Universal (Direct) Power Switched Sockets with PVC Box & all necessary materials.	set	150.0			
103	Supply, installation, testing and commissioning of 19A/20A, 250 V, 50 Hz, AC Power Switched Sockets with PVC Box & all necessary materials.	set	12.0			
104	Supply, installation, testing and commissioning of 30/32A, 250 V, 50 Hz, 3 pin Industrial Power female Sockets with PVC Box & all necessary materials.	set	6.0			
105	Supply, installation, testing and commissioning of 30/32A, 250 V, 50 Hz, 3 pin Industrial Power TOP male with PVC Box & all necessary materials.	set	6.0			
106	Telephone Point Wiring:Supply, laying, testing and commissioning of 2 pair PVC insulated Cu. telephone wire materials and concealed/listic wiring from Battery and UPS room to different room so as to attach with RJ11 socket box as per the drawings, site conditions, specifications and instruction all complete. clamping and fixing of CAT6 cable with RJ45 jack at the cable ends + Labelling with sticker at both ends + Testing cable at the both ends.	pt.	120.0			
107	Supply, laying, testing and commissioning of One 60 pair Telephone Junction Box (TJB) which must be with type RJ11 inlet and outlet points inside the Backups room as per the drawings, site conditions, specifications and instruction all complete.	set	2.0			
108	Supply, installation, testing and commissioning of Telephone Socket Single (RJ-11) with PVC Surface Box face plate	pt.	120.0			
109	Supply, laying, testing and commissioning of Telephone Set (ISO Brand or equivalent)	set	20.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
110	Computer Network:Supply, laying, testing and commissioning of Computer point wiring with 4 pair cat-6 computer network cable with connection of RJ 45 socket box and face plate + clamping and fixing of CAT6 cable with RJ45 jack at the cable ends + Labelling with sticker at both ends + Testing with network cable tester at both ends. Use the CAT6 cable through separate casing capping double lock listic with appropriate dimension from Router/Switch (Battery and UPS Room) to points as shown in a diagram. (make: D-link, Digicom. or equiv.)	pt.	60.0			
111	Supply CAT6 Cable of at least 2.5 meter both ends connected with RJ45 Jack in a straight through arrangement.	set	60.0			
112	Supply and Installation of Network Rack of dimensions 3 feet* 2 feet*2 feet that must have at least three divisions.	set	3.0			
113	Supply, installation, testing and commissioning of heat pump split type Ceiling Cassette type Air Conditioner system complete with fully charged refrigerent inclusive of entire interconnecting insulated refrigerant pipes, insulated drain pipes, insulated fresh air supply pipe, power switches and control cables, indiviudal remote controller and supports made of MS angle/rods as per specifications and drawings of greater than or equal to 24000 BTU/hr capacity (2.0 TON) including both cooling and heating cacapity. Featues: Rotary type Compressor, less than 48 DB noise level, minimum 4 mode (cool,fan, heat,dry,auto), should have two years free services with parts replacement warranty by AC suppliers and provide warranty card to branch office after installation. . (Bypass generator supply).etc and all necessary equipments as required on site. Must be ISO certified company.	set	12.0			

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
114	Supply, installation, testing and commissioning of heat pump split type Ceiling Cassette type Air Conditioner system complete with fully charged refrigerent inclusive of entire interconnecting insulated refrigerant pipes, insulated drain pipes, insulated fresh air supply pipe, power switches and control cables, individual remote controller and supports made of MS angle/rods as per specifications and drawings of greater than or equal to 18000 BTU/hr capacity (1.5 TON) including both cooling and heating capacity. Features: Rotary type Compressor, less than 48 DB noise level, minimum 4 mode (cool,fan, heat,dry,auto), should have two years free services with parts replacement warranty by AC suppliers and provide warranty card to branch office after installation. . (Bypass generator supply).etc and all necessary equipments as required on site. Must be ISO certified company.	set	3.0			
115	Supply, installation, testing and commissioning of heat pump split type Ceiling Cassette type Air Conditioner system complete with fully charged refrigerent inclusive of entire interconnecting insulated refrigerant pipes, insulated drain pipes, insulated fresh air supply pipe, power switches and control cables, individual remote controller and supports made of MS angle/rods as per specifications and drawings of greater than or equal to 12000 BTU/hr capacity (1.0 TON) including both cooling and heating capacity. Features: Rotary type Compressor, less than 48 DB noise level, minimum 4 mode (cool,fan, heat,dry,auto), should have two years free services with parts replacement warranty by AC suppliers and provide warranty card to branch office after installation. . (Bypass generator supply).etc and all necessary equipments as required on site. Must be ISO certified company.	set	2.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
116	Router and SwitchSupply and installation of C881-K9 or any equivalent Router in a Panel Board Room in a Network Rack with at least 1 years warranty	set	1.0			
117	Supply and installation of Network Switch 24 port (in a Panel Board Room in a Network Rack with at least 1 years warranty	set	3.0			
118	Supply of UPS and Batteries Metallic RackSupply, Laying, testing, installation and commissioning of Metallic Rack of 2 steps so as to able to handle the weight of 8 set of Tubular Lead Acid batteries of 150Ah, 12Volt. The Gap between the Steps of metallic Rack must be of at least 2 feet and 5 inches . Size of Metallic rack is 5 feet height and length at least 5 feet. and width at least 2.25 feet or the size can be as supervised by site incharge.	set	3.0			
119	Supply, Laying, testing, installation and commissioning of Metallic Rack of 1step as to able to handle the weight of 1 set of 3.5KVA UPS .Size of Metallic rack is 3 feet height and length at least 3 feet.and width at least 2.25 feet.or the size can be as supervised by site incharge.	set	3.0			
120	UPS, Batteries Supply and Installation Works Supply, Laying ,testing,installation and commissioning of ? 3.5 KVA Offline Ups (Transformer based) with 48 voltage dc System with at least 2 years warranty as shown places in a diagram (Brand IS Equivalent) as supervised by site incharge.	set	3.0			
121	Supply , installation and testing of 12 volt dc Lead Acid batteries [Brand :Exide or equivalent] 150Ah Tubular type with appropriate size of dc cable shoe tied at both ends in the combination	set	12.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
122	EPABX System (8-48 LINE) Supply, laying, installation, testing and commissioning of 8-48 Line EPABX with 1 set of master telephone set of corresponding brand Panasonic, creative, Matrix or equivalent [Note: EPABX must be of such type that a receptionist person must be able to access and by pass the incoming phone call to the extension number as per required on site conditions from any point far from the EPABX set.]	set	1.0			
123	Fire Extinguisher Supply, laying, testing and commissioning of Portable Fire Extinguisher Class C Extinguishers (suitable for use on electrically energized fires. Each cylinder containing Class C extinguisher components weight must be of ? 25 lbs and stand in height about ? 3 feet. [Install 2 in each floor]	set	10.0			
124	1 phase 2 hp Motor for pumping water on top floor in a water tank Supply and installation of 1 phase 2 hp motor for pumping water to Water Tank and Fountain with warranty at least 1 year . [Use ISO brand].	set	2.0			
125	Generator (? 90KVA) Supply , testing and Installation of Canopy type, Sound proof type, 3 Phase 4 Wire System Automatic Generator of Size ? 90 KVA of higher power factor ? 0.8 with proper Shading made of Metal Truss. Generator must be such that it contains Control Panel Board with Contactors and other necessary units Generator Must be ISO Certified. Generator must have appropriate fuel tank size so as to provide continuous output for more than 8 hours at full load). Generator must be of such a canopy type that it emit very less decible (dB) of sound.	Set	1.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
126	Generator House (Metallic Truss and RCC foundation at the base)Construction of complete Galvanised Zinc Shade house consisting of RCC slab on earth surface and metallic pole on four sides and Zinc Shade on top for placing the generator of this project so as to protect from water and sun and provide cross - air flow from all four sides. The location of housing must be as supervised by site engineer or supervisor. The area size of Generator house to be made must be of around 2.5 times or more to that of generator canopy size . Generator house must be covered with metallic net from all four sides and must contain metallic net door and lock in one of the side.	Set	1.0			
127	Complete Elevator System : Supply, installation, testing and commissioning of Complete Elevator System for upto 5th floor from ground floor that must contain 3 phase motor of about 40 kw motor or more so as to lift at least 7 persons at a time. Lift must contain all necessary control panels, cables, lift doors.etc and all necessary equipments sets required to operate a lift.[Elevator must be from Basement to Fourth Floor]	set	1.0			
5 Construction work						
5.1 Sanitary Works						
Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)

Procurement Item Details

SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
1	<p>Providing and fixing in position of all work items with all necessary fittings complete with testing and ready for operation as per drawings, specifications, manufacturer's recommendations and instructions. The rate shall include for position marking, maintain line, level or grade wherever required, sand filling/compaction, earth cutting and backfilling, concrete grouting, benching etc. Cutting, chasing of walls, plasters or tiles etc. and making good and touching up to restore to original conditions wherever instructed and applicable for any of the items below.</p> <p>Applicable for Part A, B, C & D., CP fixtures: Jaquar or Nova or Blue Star, PVC Pipes: Panchakanya or Nepatop or equivalent, CPVC Pipes, Ball Valves and fittings: Astral/ Ashirvad/ Marvel or equivalent Flowguard, Gate Valves: Leader or GG,Stainless Steel: Grade 304,A. SANITARY INSTALLATION CP Push Cock: Jal or Viking, Sanitaryware: Hindware or Parryware, White glazed earthenware Constellation model Wash down action Water Closet 'P' or 'S' trap with flushing cistern, standard bakelite seat cover, 15 mm PVC connector with both ends couplings complete with testing and ready for operation</p>	Set	31.0			
2	White glazed earthenware wall-hung Hand Wash basin Oval model of size 550x430mm with 15 mm PVC connector with both ends couplings, 15mm CP pillar tap, 32mm PVC bottle trap complete with testing and ready for operation	Set	20.0			
3	White glazed earthenware Large flat back urinal with 32mm PVC bottle trap, 15mm CP Push Cock, spreader complete with testing and ready for operation	Set	22.0			
4	White glazed earthenware Division Plate for Urinal	No	26.0			
5	15mm CP angle valve	No.	51.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
6	20x600mm CP Towel Rail	No.	25.0			
7	CP Soap Dish 150x150mm	No.	25.0			
8	15mm CP Commode Spray	No.	31.0			
9	5 mm thick looking mirror of approved make with CP mirror screws and clips4'x1'6"	No.	20.0			
10	PVC Multi-floor trap with cover	No.	22.0			
11	Roof inlet with SS jali	No	5.0			
12	B. WATER SUPPLY INSTALLATION ,Astral or equivalent brand CPVC pipes SDR 11 including clamps, nails and hooks, and all necessary CPVC specials required for complete installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes on walls or floor and repairing the same to its original finish, excavation and backfill in any type of soil. Pipes to be installed on trenches or walls or floor as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. Measurements to be taken for running length of pipe installed. The rate shall be inclusive of all necessary fittings but excluding gate valves which shall be payable seperately.- 40 mm dia.	Rft	60.0			
13	- 32 mm dia.	Rft	55.0			
14	- 25 mm dia.	Rft	100.0			
15	- 20 mm dia.	Rft	180.0			
16	CPVC Ball Valve as shown in the drawing and as instructed by the Engineer.- 40 mm dia.	No.	5.0			
17	- 25 mm dia.	No.	5.0			
18	- 20 mm dia.	No.	13.0			
19	- 16 mm dia.	No.	15.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
20	2000 litres capacity Nepatop or Rooftop or equivalent brand HDPE cylindrical vertical water storage tank complete with inter-connection, overflow, washout and vents	No.	3.0			
21	Electric centrifugal water pump with motor of capacity 4000 liters per hour at 28m head (approx. 1 HP) complete with starter, electric cable, check valve, high and low level guards etc. (one set stand-by)	Set	2.0			
22	C. SEWER, RAIN AND WASTE WATER INSTALLATION ,PVC pipes including cutting, jointing, sealing with rubber washer and solvent cement and all necessary rubber ringed moulded fittings such as Tees, Y-Tees, Bends (with or without doors), Reducers, Couplers, connector pieces, offsets etc. 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 not payable seperately.- 110 mm ED 4 kg/cm2	Rft	80.0			
23	- 75 mm ED 4 kg/cm2	Rft	160.0			
24	- 50 mm ED 6 kg/cm2	Rft	35.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
25	D. FIRE FIGHTING INSTALLATIONMS pipes IS: 1239 heavy quality with necessary sockets including excavation for pipe trench, backfilling, nailing, clamping, groove cutting, hole cutting and repairing the same to original condition after concealing the pipes, painting the pipes with black Japan paint and final coat with enamel paint of specified colour all complete as directed by site engineer. a) 100mm dia.	Rft	204.0			
26	a) 80mm dia.	Rft	52.0			
27	b) 25 mm dia	Rft	20.0			
28	100mm dia CI Sluice Valve heavy class	Set	2.0			
29	25mm dia Gun Metal Gate Valve heavy class	Set	5.0			
30	Electric drive centrifugal fire fighting pump of capacity 36000 lph against 65m head with necessary cables	Set	1.0			
31	Electric drive centrifugal fire fighting jockey pump of capacity 3600 lph against 65m head with necessary cables	Set	1.0			
32	100mm dia Cast Iron Double Flanged Non Return Valve with flanges, nuts, bolts, testing and ready for operation	Set	2.0			
33	100 mm dia CI Y Strainer	Set	2.0			
34	100 mm dia Flexible coupling	Set	2.0			
35	25mm dia Air Release valve	Set	1.0			
36	63 mm dia external Fire Hydrant with Fire Brigade connection complete set	Set	1.0			
37	Impact, abrasion and weathering resistant rubberised fabric lined (RRL) hose pipe of 20 mm dia and 30m length with gunmetal instantaneous male and female couplings all complete ISI.	Set	5.0			
38	ABC type fire extinguishers of approved make 5 kg	Set	13.0			
39	100 liters MS Pressure Tank with pipe connections	Set	1.0			

Procurement Item Details						
SL. No	Item Description	Unit	Quantity	Bidder's Rate(NPR)	Bidder's Rate (in words)	Total Amount(NPR)
40	Single headed external landing valve (hydrant) with 63mm female instantaneous outlet connection, with blank caps and chains with suitable orifice plate assembly all complete ISI	Set	6.0			
41	Electric control panel board for starting the Approx. 20 H.P. Centrifugal pump as per the specification as specified. Comprise of the following relays and control,Auto transformer one no.,Over and under voltage protection., Overload thermal protection relay., Amp meter with three way selector switch., Current transformer for three phase for measuring the amps drawn on each phase, Volt meter with three way selector switch for reading the three phase voltage difference.,Main Air break contactor of Mitsubishi make, rated for 2.5 times the full load current of the respective submersible motor. (Star and Delta contactor), Auxilliary contactor of suitable ratings and suitable timer.Capacitors of suitable rating for three phase. Complete set enclosed in a fabricated panel both sides painted with epoxy paint three coat	Set	1.0			
42	Providing, fixing, setting, testing and commissioning of different type pressure switches for operation of fire pumps 5 to 10 kg/cm ²	Set	1.0			
43	MS Firehose cabinet powder coated	No	6.0			
44	MS angles, plate, nuts, bolts etc for fabrication and fixing of clamps	Kg	115.0			

Chapter: Special Conditions of Contract (SCC)

Sl. No.	Relevant Clause No / Name	Existing Clause	Modified Clause
1	GCC 57.3	40	0.0

Chapter: Price Adjustment

New Values	Price Adjustment Type: Generic						
	The Contract is subject to price adjustment. The following information regarding coefficients does apply. The coefficients and indices for adjustment of prices in Nepalese Rupees shall be as specified in the Table of Adjustment Data submitted by bidder together with the Letter of Bid which is approved by the Project manager and attached as Annex-1.						
	Sl No.	Index Description	Source of Index	Base Value	Base Date	Employer's Proposed Weighting coefficient Range from	Employer's Proposed Weighting coefficient Range to
	1	Non-Adjustable(A)				0.15	0.15
	2	Labor (b)	NRB	0	Bid Submission date - 30 days	0.15	0.2
	3	Materials (c)	NRB	0	Bid Submission date - 30 days	0.5	0.6
4	Equipment usage (d)	NRB	0	Bid Submission date - 30 days	0.15	0.2	