Bill of Quantities (BOQ)

Jaidhunga B.P. Park Purvadhar Nirman Tatha Byabasthapan

IFB No.: 801055203/OIRM/GUL/NCB/WORKS/083/84-17

Provisional Sum

SL. No.	Item Description	Unit	Quantity	Unit Rate (NPR)	Amount (NPR)
PS.1	Insurance of works, plants, materials, loss and damage to equipments, Contractor's workmen and employees and third party insurance against damage to other persons and property.	PS	1.00	49,500.00 Forty-nine thousand five hundred rupees only.	49,500.00 Forty-nine thousand five hundred rupees only.
PS.2	Provide and installation of project information board with size of 1.5*1.2m as per specification and instruction of Engineer	PS	1.00	10,000.00 Ten thousand rupees only.	10,000.00 Ten thousand rupees only.
PS.3	Providing and fixing decorative artificial tree trunk and wooden log design over the existing RCC entrance gate of BP Park, Isma Gaunpalika, Gulmi, including bark texturing, carving, 3D lettering of park name, painting and weather-resistant protective coating, with all materials, labour and accessories, complete as per approved design and Engineer's instructions.	PS	1.00	60,000.00 Sixty thousand rupees only.	60,000.00 Sixty thousand rupees only.
	Total provisional sums				1,19,500.00 One lakh nineteen thousand five hundred rupees only.

Construction materials and associated items
CPV: 44100000-1 - Construction materials and associated items

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.1	Site preparation work with uprooting roots, solid wastes etc. all complete as per drawing, specifications and instructions of engineer all complete.	Sq.m	9,260.00			
1.2	Earthwork in excavation in All type of soils and soft rock in foundation including 10m hauling distance and 2.5 m. lift as per drawing, specifications and instructions of engineer all complete (100% Manual).	Cu.m	99.61			

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1.3	Earthwork in excavation in All type of soils and soft rock in foundation including 10m hauling distance and 2.5 m. lift as per drawing, specifications and instructions of engineer all complete (30% Manual & 70% Machine).	Cu.m	142.50			
1.4	Loosening, levelling and Compacting original ground supporting pavement to facilitate placement of subbase, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing, Specification and instruction of the Engineer. [SS/SP- 1003 & 1005]	Cu.m	346.00			
1.5	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing, Specification and instruction of the Engineer. [SS/SP-1201]	Cu.m	51.90			
1.6	Providing, laying, spreading, watering Earth Filling borrow material in layers not exceeding 150mm including haulage as per drawing and Technical Specifications. (Mechanical Means)	Cu.m	1,484.53			
1.7	Stone Soling in foundation and floor including sand filling in joints, leveling, ramming etc. all complete as per drawing, specification & instructions of engineer all complete.	Cu.m	118.93			
1.8	Plain cement Concrete (PCC) in M10 (1:3:6) ratio for foundations, flooring and walls 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	56.42			
1.9	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	15.40			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.10	Stone (random rubble) masonry work in (1:4) cement and sand ratio bond stones of different size and shape of wall made to line and level, shape and plumb including setting out, scaffoldings,racking joints, including pointing at external side, weephole of 110mm dia PVC @ 1m c/c horizontally staggered, geotextile and curing of the works etc as per drawing, specification and instructions of engineer all complete.:	Cu.m	21.45			
1.11	Providing and laying Machine made gabion boxes (Hexagonal Mesh size 100 mm x 120 mm, Mesh wire 3mm, Selvedge wire 3.9 mm & Bending wire 2.64 mm) including stone filling and all complete for retaining earth with diaphragm including rolling, cutting weaving , placing, laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing and Technical Specification.:	Cu.m	80.00			
1.12	Providing and Laying Plum Concrete (60% M15 Concrete and 40% boulders/stones) with necessary weephole including formwork(Class F2-Finish) with other accessories and scaffolding, Curing, testing, backfilling etc. all complete as per Drawing, Specification and instruction of the Engineer. [SS/SP- 3113]	Cu.m	5.00			
1.13	Providing and laying approved quality natural carved stone masonry in cement-sand mortar (1:4), using properly dressed, shaped and carved stones, including preparation of bedding surfaces, laying stones in proper bond, jointing, filling and pointing, maintaining required line, level, alignment and dimensions, curing, scaffolding, labour, materials, tools, equipment, transportation and all other incidental works necessary to complete the work as per approved drawings, specifications and instructions of the Engineer	Cu.m	29.36			
1.14	Plain cement Concrete (PCC) for RCC works M20 (1:1.5:3) for beam, column and slab with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all completeas per drawing, specification and instructions of engineer.	Cu.m	73.34			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.15	Tor steel or TMT reinforcement bar of fe 415/500 grade including straightening, cleaning, cutting, binding & fixing in position with annealed tying binding wire including cover blocks etc in foundation and superstructures as per drawings, specifications, instructions of engineer all complete.:	M.T	2.75			
1.16	Providing and Laying of 125 micron polyethene sheet over prepared sub-base to cater for Rigid Pavement as per Drawing, Specification and instruction of the Engineer.	Sqm	346.00			
1.17	Formwork, shuttering, centering with 19mm thick waterproof ply for column in all heights, true to the line and level, necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net as per drawing, specification and instructions of engineer all complete.	Sqm	10.40			
1.18	Good quality Chimney made Brickwork in 1:4 C/S mortar, first class brick of proper size in perfect line level finish including wetting the bricks, racking the joints and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete	Cu.m	20.84			
1.19	Good quality Machine made Chinese Brickwork in 1:4 C/S mortar, first class brick of proper size in perfect line level finish including wetting the bricks, racking the joints and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete	Cu.m	37.95			
1.20	37.5mm thick Flag Stone laying in (1:1) cement sand mortar	Sqm	792.32			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.21	Providing and laying Chinese/Carpet Dubo grass (approved variety) in the designated area, including preparation and leveling of ground surface, spreading of suitable topsoil, supplying and planting of	Sqm	2,200.00			

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	healthy grass turf/sods, proper dressing and compacting, application of required fertilizers and manure, watering, maintenance, replanting of damaged or dead patches, and all necessary labour, materials, tools, equipment, transportation and other incidental works required for proper establishment of a healthy and uniform grass lawn, complete in all respects as per the instructions of the Engineer					
1.22	3mm cement punning work in (1:1) cement mortar including the cost of curing, grooving (if necessary) as per drawing, specification & instructions of engineer all complete.	Sqm	51.00			
1.23	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 scafoldings works of total height of building as per drawing, specification & instructions of engineer all complete.: on wall	Sqm	201.11			
1.24	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 scafoldings etc. as per drawing, specification and instruction, all complete.	Sqm	183.10			
1.25	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 scafoldings etc. as per drawing, specification and instructions of engineer all complete.	Sqm	215.60			
1.26	Providing and fixing casement door/Window (single Pannel Swing) of aluminium section in naturally anodized or black anodized/powder coated color section size (101.6*44*1.5 mm) fitted with 5mm clear glass or 9mm both side laminated board as per drawing, specification and instructions of engineer all complete.	Sqm	4.20			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.27	Providing and fixing Aluminium Fixed windows or Louvered window or Through Ventilation of section (64 x38 x1.1), in naturally anodized or black anodized/powder coated color, fitted with 5 mm clear glass all complete	Sqm	1.62			
1.28	Providing, fabricating and fixing in position mild steel grill made with required MS flats, strips, bars fabricated as per drawings, fixing in position using approved fasteners including primer base coat, etc., all complete as detailed in drawing, specification and instructions of the Engineer:	KG	28.35			
1.29	Supply and installation of steel turss works using MS sections as per the drawings, specifications and standards all complete. For Picnic Truss	KG	579.87			
1.30	Providing and fixing in position, line, level of 3 mm thick tile profile Colour UPVC roofing sheet (pmma coating) work with proper shape and size, including cost of overlap , all nesessary nails, self tapping screw, clip, nuts, screws, bolts, washer, J or L hooks and other work as per drawing and instruction all complete.:For Picnic Truss	Sqm	61.38			
1.31	Providing and fixing in position, line, level of UPVC Ridge cover & Sipka tile profile 0.78 Rm work with proper shape and size, including cost of overlap , all nesessary nails, clip, nuts, screwa, bolts, washer, J or L hooks and other work as per drawing and instruction all complete.For Picnic Truss	Sqm	14.29			
1.32	Providing, laying and fixing(welding) of 50mm diameter black pipe post for fencing work with 2m spacing including painting as per drawing , specification and instruction by Engineer.For Compound Wall	KG	267.75			
1.33	Providing, laying and fixing(welding) of 25*25*4 mm&20*20*3 mm angle for fencing work including painting as per drawing , specification and instruction by Engineer.For Compound Wall	KG	204.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.34	Welding iron plate of 3x20 mm of height 0.15 m above the fencing frame along with applying primer and paint as per drawing, specification and instructions of engineer all complete. For Compound Wall	KG	118.00			
1.35	Providing,laying and connecting of 10 S.W.G GI Chain link of 2"*2" mesh size in fencing work between iron angle frame applying primer and paint as per drawing, specification and instructions of engineer all complete. For Compound Wall	Sqm	73.73			
1.36	Providing, supplying, fabricating and fixing seasoned Sal wood members of approved quality, size and shape, with proper design, pattern and workmanship, including cutting, dressing, planning, carving, polishing, wood preservative treatment, fixing with necessary nails, screws, bolts and accessories, complete in all respects as per approved drawing and instructions of the Engineer.All Complete with cutting and Fixing.For Wooden Manch	Cum	1.05			
1.37	Providing, supplying and fixing seasoned Sal wood of approved quality, including cutting, sizing, dressing, planning, smoothing, polishing, applying wood preservative and necessary finishing, complete with all required materials, labour, tools and accessories as per required dimensions and instructions of the Engineer.For Wooden Manch	Cum	4.23			
1.38	Providing, supplying and fixing locally available seasoned wood of approved quality, including cutting, sizing, dressing, planning, smoothing, polishing, applying wood preservative and necessary finishing, complete with all required materials, labour, tools and accessories as per required dimensions and instructions of the Engineer.For Wooden Manch	Cum	4.67			
1.39	Roofing with Roof slate 25 mm Flag Stones All Complete.	Sqm	90.88			
1.40	Providing healthy and well-grown Pipal (Ficus religiosa) plant of 4–5 ft height, complete with proper root ball and all necessary packing and transportation.	Nos	108.00			

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1.41	Providing and sowing good quality seasonal and perennial ornamental flower seeds in prepared flower beds, including soil preparation, mixing of organic manure, uniform seed broadcasting, covering with fine soil, watering and necessary care for proper germination and growth, complete as per the direction of the Engineer-in-Charge.	Sqm	125.00			
1.42	HDPE Pipe-25 mm PN 16	Rm	150.00			
1.43	HDPE Pipe-40 mm PN 12.5	Rm	150.00			
1.44	Gi nipple (12") long 1"	Pc	1.00			
1.45	Gi socket (1")	Pc	4.00			
1.46	Gi nipple (2" long)	Pc	2.00			
1.47	Gi union	Pc	2.00			
1.48	Gi pipe (1/2 ")	Rm	2.20			
1.49	Gi elbow	Pc	5.00			
1.50	(1/2") 400gm Brass tap	Pc	2.00			
1.51	water tape	Pc	5.00			

Total Item Price	
VAT (13.00%)	
Grand Total	