Bill of Quantities (BOQ)

Karmahwa Ma Vi Karmahwa Sauchalay Nirman Lu.Sa.Na.Pa ward-7,Rupandehi

IFB No.: 3500048075/SDDO/NCB-05/083/084

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Hoarding Board	job	1.00	3,000.00 Three thousand rupees only.	3,000.00 Three thousand rupees only.
PS.2	incureance	job	1.00	20,000.00 Twenty thousand rupees only.	20,000.00 Twenty thousand rupees only.
PS.3	Additional Lab test and Unseen works	job	1.00	23,796.30 Twenty-three thousand seven hundred ninety-six rupees and thirty paisa only.	23,796.30 Twenty-three thousand seven hundred ninety-six rupees and thirty paisa only.
	Total provisional sums				46,796.30 Forty-six thousand seven hundred ninety-six rupees and thirty paisa 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	Earthwork in excavation intrenches, foundation etc. in all kinds of soil including timberingand shoring, pumping outwaterfrom the trenches (ifnecessary) dressing of sides,ramming of bottom, lift up to 6ft., stacking of excavated material 100 ft.,clear from the edge of foundation trenchall complete as per specification, drawing and 90% of Mechanical and 10% manual as per instruction of site engineer.	cum	60.36			
1.2	Earth back of excavation soil filling in foundation trenches with proper ramming in 8 in. layers, after sprinkling with water and consolidating to 15cm. layers.	cum	48.29			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.3	Providing,supplying and laying of stone soling in foundation and floor with proper compaction and with sand in perfect line and level, all complete as per drawing,specification and instruction of the site engineer.	cum	5.27			
1.4	Providing, laying, compacting and curing plain cement concrete M10 (1:3:6) with opc cement, sand and well graded crushed stone aggregate finishing to approved level, lines and dimensions all complete as per drawings, specification.	cum	2.64			
1.5	Providing, laying, compacting and curing M20 (1:1.5:3) plain cement concrete for column, slab, beams, tie beam and all kinds of R.C.C. works with cement sand and stone ballast 20mm down finishing to approved level, line and dimensions all complete as per specifications, drawings and instructions of the site engineer, all complete.	cum	22.04			
1.6	Providing,Supplying laying & Centering and shuttering with plywood for Column, Beam, Slab & other RCC work including all necessary propping, scaffolding, staging, supporting, dismantling and clearing from the site, including shuttering all complete as per design drawings, specifications and instruction of the site engineer .	Sqm	142.529999			
1.7	Providing,Supplying ,Cutting and laying Reinforcement bars (Grade Fe500) work including straightening, cleaning, cutting, bending, binding with 20 SWG annealed wire & fixing in position as per drawing, bar bending schedule for raft foundation column, beam, wall, stair, slab in all R.C.C. works as per specification, drawing & instruction of site engineer. Approved brands: Himal Iron, Panchakanya or equivalent.	Kg	3,169.75			
1.8	Providing, laying and curing first class brick masonry works for Sub-Structures/super Str in cement, sand mortar (1:6) in perfect lines & level as per specification, drawings & instructions of the site engineer.	Cum	24.14			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.9	Supply, fixing and fitting iron angle,pipe,sheet etc. for door & windows with painting over primer and one caot paint all complete as per instruction of site engineer.	Kg	357.479999			
1.10	12.5 mm cement sand (1:4) Plastering on Interior walls to perfect plumb, lines & level including raking the mortar joints and wetting the masonry surface all complete as per instruction of site engineer.	Sqm	289.32			
1.11	Providing & laying porcelain glazed floor tiles in 1:4 cement sand mortar in perfect lines with skirting & level finishing the joint with white cement with or without pigments where necessary all complete as per design drawings, patterns, specifications and instruction of the site engineer:	Sqm	21.34			
1.12	Providing & laying porcelain glazed wall tiles in 1:4 cement sand mortar in perfect lines & level finishing the joint with white cement with or without pigments where necessary all complete as per design drawings, patterns, specifications and instruction of the site engineer:	Sqm	54.41			
1.13	"Providing and Applying, Elastocrete cementitious elestomeric water proofing , polymer modified cement based water proofing coating in two layers applied in horizontal and vertical strokes, when each coat is in tacky condition, using Gover the prepared RCC slab/wall and on the vertical surfaces . After 3 days ponding the area with water for 3 days to test water tightness etc. complete."	Sqm	19.839946			
1.14	Pan Set: Providing and fixing all complete set of Orisa pan set with cistern and long band of approved brand including all required accessories all complete as per Drawing, Specification and Instruction of Consultant and ready for operation.	Set	6.00			
1.15	White glazed earthernware wall hung Hand wash basin of size (16"*20") complete set and pedestral, CP/PVC connector with both ends couplings, tap, CP swan neck, PVC bottle trap, waste coupling with testing and ready for operation.	Set	2.00			

Construction work
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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.16	Providing, Supplying and laying PVC MULTI FLOOR TRAP all accessories Requird materials as per instruction of site engineer.	Set	8.00			
1.17	Providing, Supplying and laying Bib cock ISO all accessories Requird materials as per instruction of site engineer.	Set	8.00			
1.18	Providing, Supplying and laying Ordinary Type C.P. angle valve 15mm dia as per instruction of site engineer.	Set	4.00			
1.19	Painting work with two coat of plastic emulsion paint on inner wall along with one coat of primer with approved colour and proper finishing , work all complete as per specification and approval of site Engineer.	Sqm	154.08			
1.20	Supplying and Painting two coat weather proof paint (Apex or equivalent) with one coat primer on outer wall surfaces with approved colour and proper finishing , work all complete as per specification and approval of site Engineer.	Sqm	69.00			
1.21	PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,stack venting including SS split clamps, hangers, threaded rod, steel grip, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, 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 length, fittings etc not payable seperately. - 110 mm ED UPVC pipe 6 kg/cm2	Rm	15.00			

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SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.22	PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,stack venting including SS split clamps, hangers, threaded	RM	16.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	rod, steel grip, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, 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 length, fittings etc not payable seperately. - 75 mm ED UPVC pipe 6 kg/cm2					
1.23	PVC SWR (Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings,stack venting including SS split clamps, hangers, threaded rod, steel grip, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct or hung to ceilings as per drawings, specifications, manufacturer's recommendations, 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 length, fittings etc not payable seperately.- 50 mm ED UPVC pipe 6 kg/cm2	Rm	10.00			
1.24	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass fitting specials required for complete installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct 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 length, fittings etc not payable seperately. - 20 mm	No.	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)
1.25	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass fitting specials required for complete installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct 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 length, fittings etc not payable seperately. - 25 mm	No.	10.00			
1.26	CPVC pipes SDR-11 including MS clamps and brackets, nails and hooks, and all necessary CPVC/Brass fitting specials required for complete installation, cutting, jointing, sealing of joints etc, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct 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 length, fittings etc not payable seperately. - 32 mm	No.	11.00			
1.27	Providing and Supplying Polythene Water Tank NS Standard (1000 litre)	Ltr	1,000.00			
1.28	Electric wiring with 2*3/20 pvc cu.wire for light and fan point,accessories 1/2" HDPE polythene pipe,screws,pvc tape, grips, circular box etc all complete	Point	6.00			
1.29	Supply and fittings of 8'' Dome light 15 watt or eqvt Ceiling Light with required fittings all complete as per instruction of site engineer.	Set	6.00			
1.30	Supply,fitting and fixing 6 Gang 1 way Switch (Philips or eqvt) all complete as per instruction of site engineer.	Set	2.00			
1.31	Supply,fitting and fixing 1 Gang 1 way Switch (Philips or eqvt) all complete as per instruction of site engineer.	Set	6.00			

Total Item Price	
VAT (13.00%)	
Grand Total	