# Bill of Quantities (BOQ)

## Deurali Ma.Bi Prayogh Shala Bhawan Nirman

IFB No.: 801032909/MRM-NUW-NCB-W-2083/084-03

| 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 | 1,15,000.00<br>One lakh fifteen thousand rupees only. | 1,15,000.00<br>One lakh fifteen thousand rupees only. |
| PS.2 | ProvisionSupplying and Fixing sign board informatory Board on project site. (Size 1500mm X 1200 mm)<br>al Sum | PS | 1.00 | 8,500.00<br>Eight thousand five hundred rupees only. | 8,500.00<br>Eight thousand five hundred rupees only. |
| PS.3 | ProvisionaCarryout laboratory test for material and works as requied and Relocation of services/minor infrastructures, as per Engineer's instructions.<br>l Sum | PS | 1.00 | 1,40,000.00<br>One lakh forty thousand rupees only. | 1,40,000.00<br>One lakh forty thousand rupees only. |
| PS.4 | Labour occupational health and safety measureas directed by the Employer / Project Manager as stated in Specification / Special Provisions. | PS | 1.00 | 20,000.00<br>Twenty thousand rupees only. | 20,000.00<br>Twenty thousand rupees only. |
| | **Total provisional sums** | | | | 2,83,500.00<br>Two lakh eighty-three thousand five hundred rupees only. |

| Construction work<br>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 | Site preparation work with cleaning and disposal of debrises, uprooting roots, solid wastes etc. all complete as per instruction. | sq.m. | 179.77 | | | |

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| 1.6 | Providing, Making, fitting of 1.2mx1.8m size of Hoarding Board (Made of 50mm square pipe frame, 24 gauge plain sheet and erecting with 2 nos of 50mm dia ms pipe each pipe length should be 3m) with project information and fixing it at suitable location all complete as per specification, drawings, and instruction of engineer. | job | 1.00 | | | |
| 1.7 | Earthwork in excavation in ordinary soils in foundation including 10m hauling distance and 1.5 m. lift all complete. | cu.m. | 153.96 | | | |
| 1.8 | Earth filling in 150/150 mm thick layer, watering, ramming including supply of filling materials within 10 m distance all complete. | cu.m. | 59.94 | | | |
| 1.9 | Sand filling including supply of filling materials, watering, ramming etc. all complete | cu.m. | 9.98 | | | |
| 1.10 | Providing & laying dry flat Brick soling in floor, apron, drain, etc with sand filling in joint all complete as per design, drawing and instruction of the site engineer. | sq.m. | 133.22 | | | |
| 1.11 | Good quality local chimney made Brickwork in 1:4 C/S mortar in superstructure in perfect line level finish including wetting the bricks, racking the joints and curing the work for at least 7 days all complete. | cu.m. | 89.33 | | | |
| 1.12 | Rubble masonry in 1:6 C/S mortar in perfect line level finish including, racking the joints and curing the work for at least 7 days all complete. | cu.m. | 22.47 | | | |
| 1.67 | Rubble stone filling work in foundation and in floor . | cu.m. | 16.86 | | | |
| 1.68 | Plain cement Concrete (PCC) in 1:3:6 ratio for foundations, flooring and walls with approved quality of cement and sand and crushed stone aggregate including mixing, laying, curing etc all complete in approval of site engineer. | cu.m. | 17.93 | | | |
| 1.69 | Plain cement Concrete (PCC) for RCC works (1:1:2) for Foundation, Column, Beam, Slab with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all complete in approval of site engineer. | cu.m. | 130.049998 | | | |

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| 1.70 | Plain cement Concrete (PCC) for RCC works (1:1.5:3) for slab/lintels with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all complete in approval of site engineer. | cu.m. | 8.33 | | | |
| 1.71 | Tor steel or TMT reinforcement bar of fe 415/500 grade including straightening, cleaning, cutting, binding & fixing in position with annealed tying binding wire as per drawing, design & instruction all complete. | MT | 21.019 | | | |
| 1.72 | Formwork, shuttering, centering with 19mm thick waterproof ply board and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net. | sq.m. | 977.37 | | | |
| 1.73 | 38mm thick (1:2:4) P.C.C. for flooring with approved quality of O.P. cement & sand and crushed stone aggregate including mixing, laying, punning, rubbing in hard surface curing etc all complete. | sq.m. | 484.82 | | | |
| 1.74 | 3 mm thick cement sand punning on floor, skriting, dado etc, including mixing laying and rubbing with steel trowel to a hard, smooth and shining surface and curing all complete. | sq.m. | 484.82 | | | |
| 1.75 | Elastocrete cementitious elastomeric water proofing coating 2 components capacity 1kg per Sqm, 2 coat including supply and applying all complete work | Sq.m | 202.45 | | | |
| 1.76 | 12.5mm thick cement sand plaster in (1:4) ratio on wall of good finish and pattern as shown in elevation design of main building including racking the joint, wetting of surfaces & curing the work all complete. | Sq.m | 916.38 | | | |
| 1.77 | 12.5mm thick cement sand plaster in (1:3) ratio on ceilingl . | Sq.m | 397.47 | | | |
| 1.78 | 20mm thick Double layer paanipatti work on slab edge work all complete | sq.m. | 142.14 | | | |

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| **SL. No.** | **Item Description** | **Unit** | **Quantity** | **Bidder's Rate (NPR)** | **Bidder's Rate (in words)** | **Total Amount (NPR)** |
| 1.79 | 2 coats of plastic emulsion paint of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete | sq.m. | 956.60 | | | |
| 1.80 | Supplying and Painting two coat of Apex weather coat paint of approved colour over 1 coat of primer as per specification and instruction, all complete. | Sq.m. | 357.25 | | | |
| 1.81 | 2 coats of ready made enamel paint of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete | Sq.m. | 195.61 | | | |
| 1.82 | Providing, fabrication and installation in position 35 mm thick door shutter made with 1.2mm thick G.I. Sheet folded to required size and shape stiles and mullions, infill panel filled with 1.2mm thick galvanized iron sheet with stiffening strips including the required numbers and sizes hardware like hinges, tower-bolts, handles, aldrops with pad-lock,rubber stopper applying priming coat with zinc yellow chromate primer of approved make, etc., all complete as per drawings, specification and instruction of the Engineer. | Sqm | 36.959999 | | | |
| 1.83 | Providing, fabrication and installation in position 35 mm thick glazed window and ventilator shutter made with 1.2mm thick galvanized iron sheet folded in required size and shape including glazing with 5 mm thick clear float glass with glazing beads, washer and special glazing putty, required numbers and sizes hardware like hinges, tower-bolts, handles, eye-hook, applying priming coat with zinc yellow chromate primer of approved make, etc., all complete as per drawings, specification and instruction of the Engineer. | Sq.m. | 49.98 | | | |
| 1.84 | Making and fitting 50mm dia stainless steel handrail with 50mm dia stainless steel vertical post in 2 meter interval having 38mm dia stainless two layer horizental member as per standard specification and engineer's instruction all complete | Sq.m | 13.70 | | | |
| 1.85 | Fitting of 12 mm x 12mm solid core bar in 4.5x20mm Ms flat Frame in 4"x4" hole size | sq.m. | 38.15 | | | |

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| SL. No. | Item Description | Unit | Quantity | Bidder's Rate (NPR) | Bidder's Rate (in words) | Total Amount (NPR) |
|---|---|---|---|---|---|---|
| 1.86 | Supplying and fixing of spiral staircase with 100Mm black pipe post, 20mm squire pipe railing , 40M handrail, width of staircase 75cm including red oxide primer coat and necessary fittings | Rm | 3.05 | | | |
| 1.87 | Accessories:screws, gripes, pvc tape, choke, starter, Tube, bulbs, holder, flexible wire,GI pipe/ chain etc all complete. Dome light 8"with CFL black cast milky base decorative Homedec, Decon or ISI eqvt. etc all complete. | Set | 32.00 | | | |
| 1.88 | Dome light 6" decorative Homedec,Decon or eqvt.etc all complete. | Set | 20.00 | | | |
| 1.89 | 1X40watt Tube light box type Wipro /Ge or eqvt. etc all complete. | Set | 12.00 | | | |
| 1.90 | Accssories:as per sn A +nut, bolt, hook,clamp, regulator, flexible wire etc all complete. 42'' ceiling fan Almonard/Bajaj or eqvt.etc all complete. | Set | 12.00 | | | |
| 1.91 | Accessories: metal box ,screws ,gripes,flexible wire etc all complete. 16/6 Amps combined S/socket flush type CPL,Anchor or eqvt.etc all complete. | Set | 12.00 | | | |
| 1.92 | 1 gang one way switch CPL, Anchor or eqvt.etc all complete. | Set | 4.00 | | | |
| 1.93 | 1 gang two way switch CPL, Anchor or eqvt.etc all complete. | Set | 4.00 | | | |
| 1.94 | 2gang one way switch CPL,Anchor or eqvt.etc all complete. | Set | 2.00 | | | |
| 1.95 | 4 gang one way switch CPL,Anchor or eqvt.etc all complete. | Set | 2.000001 | | | |
| 1.96 | 6 gang one way switch CPL /Anchoror eqvt. etc all complete. | Set | 11.00 | | | |
| 1.97 | Junction box made of metal with cover size 6"X4" etc. all complete. | Set | 8.00 | | | |

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|---|---|---|---|---|---|---|
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| 1.98 | Accessories ;screws, gripes, nut bolt,cu bus bar,earth bus bar, neutral bus bar,fuse, porcelin base ,cu. Strip for connection, cable shoe ,phase bar,pvc tape etc all complete Items. 60 Amps Panel board made of mild steel sheet with cu. busbar double cover floor mount suitable size & color push type lock for housing the following items all complete.(space for 4 no. MCCB). | Set | 1.00 | | | |
| 1.99 | 60 Amps TP MCCB Siemens ,Ge or eqvt. for incoming. | Nos | 1.00 | | | |
| 1.100 | 20-30,40 Amps TP MCCB Siemens, Geor eqvt. for outgoing. | Nos | 2.00 | | | |
| 1.101 | Ammeter 0-500A | Nos | 1.00 | | | |
| 1.102 | Voltmeter 0-500 v | Nos | 1.00 | | | |
| 1.103 | Selector switch | Nos | 2.00 | | | |
| 1.104 | CT coil of suitable ratio for panel board. | Nos | 2.00 | | | |
| 1.105 | Indicator with fuse | Nos | 2.00 | | | |
| 1.106 | Distribution board 6 way TPN made of mild steel sheet double cover lockable Geco,Standard,Nepal made flush type etc all complete. | Set | 2.00 | | | |
| 1.107 | 20-32,40 Amps TP MCB Siemens Ge,Merlin gerain or eqvt. for main. | Nos | 2.00 | | | |
| 1.108 | 6,16,25 Amps. SP MCB Siemens,Ge,Merlin gerain or eqvt. for light , power & A/C circuit. | Nos | 64.00 | | | |
| 1.109 | Distribution board 12 way SPN made of mild steel sheet double cover lockable Geco,Standard, Nepal made flush type etc all complete. | Set | 2.00 | | | |
| 1.110 | 20 Amps DP MCB Siemens Ge,Merlin gerain or eqvt. for main . | Nos | 2.00 | | | |

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| 1.111 | 6,16,25 Amps. SP MCB Siemens,Ge,Merlin gerain or eqvt. for light , power & A/C circuit. | Nos | 24.00 | | | |
| 1.112 | Accessories:HDPE polythene pipe,screws,pvc tape, grips, circular box etc all complete. 2x2.50 sq mm multi strand flexible cu .wire for light & fan point in 1/2"HDPE polythene pipe etc all complete. | Point | 76.00 | | | |
| 1.113 | 2x4.0+1x1.50 sq.mm multi strand flexible cu wire for power point in 3/4" HDPE polythene pipe etc all complete. | Point | 35.00 | | | |
| 1.114 | 10 sq.mm 4 core unarmoured copper cable for main panel board to DB, through polythene pipe etc all complete. | Rm | 62.00 | | | |
| 1.115 | 2x6.0+1.50 sq.mm copper cable for main DB to DB, through polythene pipe etc all complete. | Rm | 52.00 | | | |
| 1.116 | 8 swg copper wire for earth continuity from panel board to DB,main switch through 1/2" polythene pipe etc all complete. | Rm | 63.00 | | | |
| 1.117 | Accessories :salt, coal, cu plate, HDPE polythene pipe., etc all complete.Earthing with cu plate size 65 cmx65cmx3.15mm with GN. 8 copper wire for earth continuity from panel board to earthing site etc all complete. | Set | 1.00 | | | |

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| **Total Item Price** | |
| VAT (13.00%) | |
| **Grand Total** | |