# Bill of Quantities (BOQ)

## SNP/NCB-13/083/084

IFB No.: 801054805/SNP/NCB-13/083/084

| Provisional Sum | | | | | |
|---|---|---|---|---|---|
| **SL. No.** | **Item Description** | **Unit** | **Quantity** | **Unit Rate (NPR)** | **Amount (NPR)** |
| PS.1 | Providing and installing project signboards; insuring the works, plants, materials, equipment, contractor's workforce and third parties; carrying out additional material and workmanship tests; dismantling existing structures such as drains; relocating utilities and services, including water supply and telephone lines; dewatering; and performing other necessary works as instructed by the Engineer, in accordance with approved norms and technical specifications. | PS | 1.00 | 60,000.00<br>Sixty thousand rupees only. | 60,000.00<br>Sixty thousand rupees only. |
| | **Total provisional sums** | | | | 60,000.00<br>Sixty thousand rupees only. |

| Building construction work<br>CPV: 45210000-2 - Building construction work | | | | | | |
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| **SL. No.** | **Item Description** | **Unit** | **Quantity** | **Bidder's Rate (NPR)** | **Bidder's Rate (in words)** | **Total Amount (NPR)** |
| 1.1 | Clearing the construction site of vegetation, roots, bushes and other unwanted materials, including removal of topsoil up to 15 cm depth, cutting and removing trees where necessary, levelling the site, stacking reusable materials at designated locations and disposing of waste materials. The work also includes setting out buildings, roads and ancillary services as instructed by the Site Engineer. | Sq.m | 242.00 | | | |
| 1.2 | Providing, straightening, cutting, bending, binding and fixing steel reinforcement bars in position, including binding wire and all necessary accessories, for foundations, columns, beams, walls, stairs and slabs, in accordance with approved drawings, bar bending schedules and technical specifications. | Kg | 288.89 | | | |

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| 1.3 | Providing, laying, compacting and curing M20 grade plain and reinforced cement concrete (nominal mix 1:1.5:3), using cement, sand and 20 mm down graded stone aggregate, for slabs, beams, tie beams, lintels, sills and other RCC works, including finishing to the required line, level and dimensions as per drawings and specifications. | Cu.m | 4.15 | | | |
| 1.4 | Providing and fixing centring and shuttering for slabs and other RCC works, including necessary props, scaffolding, staging and supports, as well as dismantling and removal of formwork and clearing the site after completion. | Sq.m | 16.60 | | | |
| 1.5 | Constructing first-class brick masonry in cement-sand mortar (1:4) above ground level, including approved-quality bricks, scaffolding, soaking of bricks, proper bonding, joint filling, curing and finishing to the required line, level and dimensions as per drawings and specifications. | Cu.m | 20.78 | | | |
| 1.6 | Providing and applying 12.5 mm thick cement-sand plaster (1:4) to ceilings and beam surfaces, including surface preparation, chipping, wetting, levelling and finishing to the required line and level as per specifications. | Sq.m | 243.67 | | | |
| 1.7 | Providing and applying 12.5 mm thick cement-sand plaster (1:4) to wall surfaces, including raking of masonry joints, wetting of surfaces and finishing to a smooth and uniform surface, maintaining proper plumb, line and level as per drawings and specifications. | Sq.m | 931.13 | | | |
| 1.8 | Fabricating, supplying and installing mild steel black pipe roof trusses, square bars and MS angle grills for windows and other openings, using approved sections and designs. The work includes cutting, welding, jointing, erection, fixing, bed plates, shoe angles, anchor bolts, lead sheeting or cement grouting where required, transportation, one coat of primer and two coats of enamel paint, complete as per approved drawings and specifications. | Kg | 4,110.79 | | | |

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| 1.9 | Supplying and installing UPVC door frames (80/50 mm) with door sash (112/42 mm), 80 × 200 mm panels, internal 1.5 mm galvanised reinforcement and 5 mm clear glass, including all materials, labour, fittings and accessories required for complete installation. | Sq.m | 55.59 | | | |
| 1.10 | Supplying and installing UPVC sliding window frames (80/50 mm) with sliding window sashes (38/62 mm), insect net, internal 1.5 mm galvanised reinforcement and 5 mm clear glass, including all materials, labour, fittings and accessories required for complete installation. | Sq.m | 30.78 | | | |
| 1.11 | Preparing and applying two coats of approved-quality distemper paint to the internal walls and ceiling surfaces of the building, including surface preparation and all necessary labour and materials, as per specifications. | Sq.m | 958.68 | | | |
| 1.12 | Preparing and applying two coats of approved-quality waterproof Apex or equivalent emulsion paint to the designated internal building surfaces and ceilings, including surface preparation and finishing as per specifications and the instructions of the Site Engineer. | Sq.m | 658.72 | | | |
| 1.13 | Providing and installing electrical wiring for lighting and fan points using suitable-size PVC insulated copper wires through 20 mm HDPE conduits, including screws, PVC tape, grips, circular boxes and other necessary accessories, complete as per electrical specifications. | Points | 88.00 | | | |
| 1.14 | Providing and installing electrical wiring for air-conditioning socket points using suitable-size PVC insulated copper wires through 25 mm HDPE conduits, including necessary accessories, fittings and connections, complete as per specifications. | Set | 7.00 | | | |
| 1.15 | Supplying and installing 16A/6A combined flush-type electrical socket outlets, including all necessary fittings, accessories and connections, complete as instructed by the Site Engineer. | Set | 8.00 | | | |

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| 1.16 | Supplying and installing four-gang, one-way/two-way electrical switches of Philips or equivalent approved brand, including all necessary fittings and connections. | Set | 7.00 | | | |
| 1.17 | Supplying and installing six-gang, one-way/two-way electrical switches, including all necessary fittings, accessories and connections, complete as per specifications. | No. | 10.00 | | | |
| 1.18 | Supplying and installing an eight-way TPN distribution board made of mild steel sheet, double-cover, lockable and flush-mounted type, of an approved make, including all necessary fittings and connections. | No. | 1.00 | | | |
| 1.19 | Fabricating and installing stainless steel railing with 2-inch diameter top rail, 1-inch diameter middle and bottom rails arranged in three horizontal rows, and 2-inch diameter vertical posts at approximately 1 m centre-to-centre spacing, maintaining the specified clear height, including all materials, fabrication and fixing. | Rm | 134.60 | | | |
| 1.20 | Supplying, laying and fixing 4-inch diameter UPVC pipe of 4 kg/cm$^2$ pressure rating, including necessary fittings, clamps, joint sockets, junctions, P-traps and covers, complete as per specifications. | Rm | 50.00 | | | |
| 1.21 | Supplying, laying and fixing 2-inch diameter UPVC pipe of 4 kg/cm$^2$ pressure rating, including necessary fittings, clamps, joint sockets, junctions, P-traps and covers, complete as per specifications. | Rm | 60.00 | | | |
| 1.22 | Supplying and installing a 16 × 22-inch porcelain-glazed squatting pan of Hindware, Parryware or equivalent approved make, including a single-flush PVC cistern, all required fittings, materials and labour, complete as per specifications. | No. | 2.00 | | | |
| 1.23 | Supplying and installing a commode (water closet) of Hindware, Parryware or equivalent approved make, including all necessary fittings, accessories, materials and labour, complete as per specifications. | No. | 2.00 | | | |

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| 1.24 | Supplying and installing a 16 × 22-inch porcelain-glazed wash basin, including all necessary fittings, accessories, materials and labour, complete as per specifications and the instructions of the Site Engineer. | No. | 3.00 | | | |
| 1.25 | Supplying and fixing approved-quality ¾-inch diameter CPVC pipes, including all necessary fittings, jointing materials and accessories, complete as per specifications. | Rm | 40.00 | | | |
| 1.26 | Supplying and fixing approved-quality 1-inch diameter CPVC pipes, including all necessary fittings, jointing materials and accessories, complete as per specifications. | Rm | 5.00 | | | |
| 1.27 | Supplying and fixing approved-quality water taps, including all necessary fittings, materials and labour, complete as instructed by the Site Engineer. | Job | 6.00 | | | |
| 1.28 | Supplying and installing ordinary-type 15 mm diameter CP bib cocks, including necessary fittings and connections, complete as per specifications. | Set | 2.00 | | | |
| 1.29 | Providing and laying porcelain-glazed floor tiles over cement-sand mortar (1:4), including surface preparation, tile cutting, laying, alignment, joint filling and pointing, complete as per drawings and specifications. | Sq.m | 266.43 | | | |
| 1.30 | Providing and fixing porcelain-glazed wall tiles over cement-sand mortar (1:4), including surface preparation, tile cutting, alignment, joint filling and pointing, complete as per drawings and specifications. | Sq.m | 63.73 | | | |
| 1.31 | Providing and fixing granite flooring on building staircases using cement-sand mortar (1:2), including cutting, shaping, laying, joint filling and finishing, complete as instructed by the Site Engineer. | Sq.m | 17.08 | | | |

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| 1.32 | Supplying and fixing 26-gauge heavy-duty CGI/H-Span colour-coated roofing sheets (0.41 mm thick), including all required materials, fasteners, accessories and labour, complete as per specifications and drawings. | Sq.m | 462.00 | | | |
| 1.33 | Supplying and fixing 24-gauge (0.40 mm thick) colour-coated ridge sheets, including necessary fasteners, accessories and labour, complete as per roofing specifications and drawings. | Sq.m | 10.50 | | | |

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