**Ministry of Agriculture and Livestock Development**
**Department of Agriculture**
**Centre for Industrial Entomology Development (CIED)**
**Sericulture Development Centre, Khopasi, Kavrepalanchok**

## BILL OF QUANTITIES

**Project name: Construction of Admin block and Landscaping of National Mushroom resource center (NMRC) at Khopasi**
**Location:Khopasi , Kavrepalanchowk , Nepal** **F/Y: 083/084**

**Contract Identification No.:** **ConNMRC/NCB/Works/01/083/084**

| S.N. | Description | Unit | Quantity | Rate(NRs) | | Amount(NRs) | Remarks |
|---|---|---|---|---|---|---|---|
| | | | | In Words | In Figure | | |
| **A** | **Construction Works** | | | | | | |
| **Procument Item Details** | | | | | | | |
| 1.00 | Removal of unserviceable soil including excavation loading and disposal upto 1000m lead | cum | 4,596.825 | | | | |
| 2.00 | Dry stone soling in foundation and floor including sand filling in joints, leveling, watering etc. | Cum | 175.935 | | | | |
| 3.00 | Plain cement Concrete (PCC) in 1:2:4 ratio for foundations and flooring with approved quality of cement, sand and machine crushed stone aggregate including supply of materials,mixing, laying, curing the work at least 7 days etc all complete as per approved drawing, Specification and | cum | 86.081 | | | | |
| 4.00 | Plain cement Concrete (PCC) in 1:3:6 ratio for foundations and flooring with approved quality of cement, sand and machine crushed stone aggregate including supply of materials,mixing, laying, curing the work at least 7 days etc all complete as per approved drawing, Specification and instruction of site engineer. | cum | 31.289 | | | | |

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|---|---|---|---|---|---|---|---|
| | | | | In Words | In Figure | | |
| 5.00 | Plain cement Concrete (PCC) for RCC works M 20 (1:1.5:3) for slab/lintels/columns/beams with approved quality of cement, sand and machine crushed stone aggregate including supply of materials,mixing, laying, curing the work at least 7 days etc all complete as per approved drawing, Specification and instruction of site engineer. | cum | 7.167 | | | | |
| 6.00 | Plain Cement Concrete(PCC) for RCC works M25 (1:1:2) for slab/lintels/columns/beams with approved quality of cement,sand and machine crushed stone aggregate including supply of materials,mixing,laying,curing the work at least 7 days etc all complete as per approved drawing specification and instruction of site engineer. | cum | 677.712 | | | | |

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|---|---|---|---|---|---|---|---|
| | | | | In Words | In Figure | | |
| 7.00 | TMT steel reinforcement bar of fe 500 grade including supplying, straightening, cleaning, cutting, binding & fixing in position with annealed tying binding wire all complete as per approved drawing, Specification and instruction of site engineer. | Mt | 111.272 | | | | |
| 8.00 | 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 nett all complete as per approved drawing, Specification and instruction of site engineer. | sqm | 4,543.853 | | | | |

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|---|---|---|---|---|---|---|---|
| | | | | In Words | In Figure | | |
| 9.00 | Good quality local chimney made Brickwork in 1:4 C/S mortar up to Ground floor in perfect line level finish including supply of materials, wetting the bricks, racking the joints and curing the work for at least 7 days all complete as per approved drawing, Specification | cum | 284.817 | | | | |
| 10.00 | Fencing with 62mm X 62mm size mesh made up of 7mm Ø rods framed on 25X25X4 mm angles and 50mm Ø M.S. blackpipe post in 2m interval with 3x20 flat strip 15cm projection of metal plate above angle with sharp pointing end including jointting , fixing, erection and primer painting with all necessary M.S. grills and plates as per drawing and instruction of site engineer | Sqm | 90.000 | | | | |
| 11.00 | Providing and laying plum concrete (Boulder mixed concrete) as per drawing and specifications. (A) 60% M15 concrete and 40% boulders/stones (i) using mechnical aids | Cum | 30.000 | | | | |
| | | **Sub Total of Construction Works (Total A)** | | | | | |

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| **B** | **Provisional sum** | | | | | | |
| 1.00 | Carrying out various jobs that were unpredictable during estimate and are needed to carry out during work execution as per work specification norms and instruction of site engineer. | PS | 1.00 | Five Lakh Thirty Eight Thousand Six Hundred Eighty Seven Rupees and Fourty Five Paisa Only | 538,687.45 | **538,687.45** | |
| 2.00 | Insurance for the loss of or damage to works, plants, materials, contractor's equipments, personal Injury or death including third party & insurance against lost or damage to other properties. | PS | 1.00 | Two Lakh Five Thousand Five Hundred Twenty Nine Rupees and Sixty Seven Paisa Only | 205,529.67 | **205,529.67** | |
| 3.00 | Provide ,operate and Maintain Quality Control Laboratory including equipment,accesoriesm and consumables for both fiel testing facilities and off site test with manpower as per Contract Document | PS | 1.00 | Two Lakh Rupees Only | 200,000.00 | **200,000.00** | |
| 4.00 | Provisional sum for hiring of equipments, social security, Safety equipment | PS | 1.00 | One Lakh Fifty Thousand Rupees Only | 150,000.00 | **150,000.00** | |
| 5.00 | Provide and Installed Project Sign metalic board ina metallic frame of 1" square pipe | PS | 1.00 | Five Thousand Rupees Only | 5,000.00 | **5,000.00** | |

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|---|---|---|---|---|---|---|---|
| | | | | In Words | In Figure | | |
| 6.00 | Supply of Laptop for techincal purpose for project execution :(ASUS VIVOBOOK FLIP S14 TP3402VA -13TH i7Processor: Intel® Core™ i7-13700H RAM: 8GB + 8GB DDR4 on board Storage: 1TB M.2 NVMe™ PCIe® SSD Display: 14.0-inch, WUXGA (1920 x 1200))or equivalent . | PS | 1.00 | One Lakh Eighty Thousand Rupees Only | 180,000.00 | **180,000.00** | |
| 7.00 | Supply and installation of Canon MF241D 3 in 1 Auto-Duplex Multi-Function Laser Digital Printer for techincal purpose for project execution, all job complete. | PS | 1.00 | Fourty Thousand Rupees Only | 40,000.00 | **40,000.00** | |
| | | **Total Of Procument Items** | | | | | |
| | | | | | **Sub Total of Provisional Sum (Total B)** | **1,319,217.12** | |
| | | | | | **VAT C( 13% OF A)** | | |
| | | | | | **GRAND TOTAL(A+B+C)** | | |