**APPENDIX C - REMUNERATION COST ESTIMATES**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Position** | **Firm** | **Currency** | **Person-Month**  **Remuneration**  **Rate** | | **Time Input in Person/ Month** | **Foreign**  **Currency**  **(USD)'** | **Local**  **Currency**  **(BDT)** |
|  | **KEY EXPERTS** |  |  |  |  |  |  |  |
| K1 | Project Team Leader (PTL) | BETS | BDT | *[Home]* | 300,000 | 18 |  | 5,400,000 |
| *[Field]* |  |  |  |  |
| K2 | Lead GIS Specialist/Systems Specialist | BETS | BDT | *[Home]* | 175,000 | 18 |  | 3,150,000 |
| *[Field]* |  |  |  |  |
| K3 | Lead Database Management Specialist | BETS | BDT | *[Home]* | 150,000 | 18 |  | 2,700,000 |
| *[Field]* |  |  |  |  |
| K4 | Local Government Development Specialist | BETS | BDT | *[Home]* | 150,000 | 18 |  | 2,700,000 |
| *[Field]* |  |  |  |  |
| K5 | Economist/Public Finance Specialist | BETS | BDT | *[Home]* | 150,000 | 18 |  | 2,700,000 |
| *[Field]* |  |  |  |  |
| K6 | Capacity Development Specialist | BETS | BDT | *[Home]* | 150,000 | 18 |  | 2,700,000 |
| *[Field]* |  |  |  |  |
|  | **Sub-Total of Key Experts** |  |  |  |  | **108** |  | **19,350,000** |
|  | **NON-KEY EXPERT (National)** |  |  |  |  |  |  |  |
| N1 | Associate GIS Specialist | BETS | BDT | *[Home]* | 60,000 | 18 |  | 10,80,000 |
| *[Field]* |  |  |  |  |
| N2 | Associate GIS Specialist | BETS | BDT | *[Home]* | 60,000 | 18 |  | 10,80,000 |
| *[Field]* |  |  |  |  |
| N3 | Associate GIS Specialist | BETS | BDT | *[Home]* | 60,000 | 18 |  | 10,80,000 |
| *[Field]* |  |  |  |  |
| N4 | Associate GIS Specialist | BETS | BDT | *[Home]* | 60,000 | 18 |  | 10,80,000 |
| *[Field]* |  |  |  |  |
| N5 | Database Encoders | BETS | BDT | *[Home]* | 75,000 | 18 |  | 13,50,000 |
| *[Field]* |  |  |  |  |
| N6 | Database Encoders | BETS | BDT | *[Home]* | 75,000 | 18 |  | 13,50,000 |
| *[Field]* |  |  |  |  |
| N7 | Database Encoders | BETS | BDT | *[Home]* | 75,000 | 18 |  | 13,50,000 |
| *[Field]* |  |  |  |  |
| N8 | Database Encoders | BETS | BDT | *[Home]* | 75,000 | 18 |  | 13,50,000 |
| *[Field]* |  |  |  |  |
| N9 | Field Information Surveyors (FIS) | BETS | BDT | *[Home]* | 45,000 | 18 |  | 8,10,000 |
| *[Field]* |  |  |  |  |
| N10 | Field Information Surveyors (FIS) | BETS | BDT | *[Home]* | 45,000 | 18 |  | 8,10,000 |
| *[Field]* |  |  |  |  |
| N11 | Field Information Surveyors (FIS) | BETS | BDT | *[Home]* | 45,000 | 18 |  | 8,10,000 |
| *[Field]* |  |  |  |  |
| N12 | Field Information Surveyors (FIS) | BETS | BDT | *[Home]* | 45,000 | 18 |  | 8,10,000 |
| *[Field]* |  |  |  |  |
| N13 | Field Information Surveyors (FIS) | BETS | BDT | *[Home]* | 45,000 | 18 |  | 8,10,000 |
| *[Field]* |  |  |  |  |
|  | **Sub-Total of Non-Key Experts** |  |  |  |  | **234** |  | **13,770,000** |
|  |  |  |  |  |  |  |  |  |
|  | **Total** |  |  |  |  | **342** |  | **33,120,000** |

**APPENDIX D - REIMBURSABLE EXPENSES COST ESTIMATES**

| **No.** | **Type of Reimbursable Expenses** | | **Currency** | **Quantity** | **Unit Price** | **Foreign Currency (USD)** | **Local**  **Currency**  **(BDT)'** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | |  |  |  |  |  |
|  | Reimbursable Expenses | |  |  |  |  |  |
| 1 | International flights | |  |  |  |  |  |
| 2 | Communication cost | | BDT | 18 months | 22,000.00 |  | 396,000.00 |
| 3 | Drafting supplies & reports | | BDT | LS | 200,000.00 |  | 200,000.00 |
| 4 | Field Visit | | BDT |  |  |  |  |
|  | a. Key Experts | | BDT | 90 Days | 2,000.00 |  | 180,000.00 |
|  | b. Non-Key Experts | | BDT | 240 Days | 1,000.00 |  | 240,000.00 |
| 5 | Support Service after Completion of Project | | BDT | 12 months | 75,000.00 |  | 900,000.00 |
| 6 | Local transportation costs | | BDT | 18 months | 60,000.00 |  | 1,080,000.00 |
| 7 | Training to the Clint's personnel | | BDT | LS | 220,000.00 |  | 220,000.00 |
| 8 | Support Staff | |  |  |  |  |  |
|  | a. Office Manager cum Accoutant (1) | | BDT | 18 months | 30,000.00 |  | 540,000.00 |
|  | b. Office Assisstant (1) | | BDT | 18 months | 25,000.00 |  | 450,000.00 |
|  | c. Office Peon (1) | | BDT | 18 months | 15,000.00 |  | 270,000.00 |
| 9 | Office Rent, Furniture, Maintenance | | BDT | 18 months | 80,000.00 |  | 1,440,000.00 |
| 10 | Office supplies, computer & other consumables | | BDT | 18 months | 25,000.00 |  | 450,000.00 |
| 11 | Perdiems (Overnight stay allowance): | |  |  |  |  |  |
| a) | International | |  |  |  |  |  |
| b) | National | |  |  |  |  |  |
|  | I. Key Experts | | BDT | 90 Days | 2,000.00 |  | 180,000.00 |
|  | ii. Non-Key Experts | | BDT | 280 Days | 1,000.00 |  | 280,000.00 |
|  | **Sub Total of Services** | |  |  |  |  | **68,26,000.00** |
| 12 | Equipment, Instruments, Materials, Supplies, etc | |  |  |  |  |  |
| a) | Supply of Hardware (Name of Equipment and Specification): | |  |  |  |  |  |
|  | i) Desktop | Dell Optiplex 5040 MT | BDT | 3 Nos. | 90,000.00 |  | 270,000.00 |
|  | ii) UPS for Desktop | 1KVS UPS | BDT | 3 Nos. | 10,200.00 |  | 30,600.00 |
|  | iii) Server | Dell PowerEdge R730 | BDT | 1No. | 624,000.00 |  | 6 24,000.00 |
|  | iv) UPS for Server | 10KVA Rackmount UPS | BDT | 1No. | 780,000.00 |  | 780,000.00 |
|  | v) Network Swich & LAN Cabling | Cisco 2096X-24TS-L Belden | BDT | 1No. | 100,000.00 |  | 100,000.00 |
|  |  | Structure Cabling- Belden | BDT | 1No. | 15,000.00 |  | 15,000.00 |
|  | vi) Server Rack | Dell NetShelter SX 42U | BDT | 1No. | 480,000.00 |  | 480,000.00 |
|  | vii) KVM Switch | 16-port KVM+1U Console Monitor | BDT | 1No. | 300,000.00 |  | 300,000.00 |
|  | viii) External Strong with Backup Appliance | Dell PowerVault NX3230 | BDT | 1No. | 66,000.00 |  | 66,000.00 |
|  |  | Dell PowerVault 114T LT04 | BDT | 1No. | 336,000.00 |  | 336,000.00 |
|  | ix) Large Scale Printer |  | BDT’ | 1No | 709,000.00 |  | 709,000.00 |
|  | x) Digitizer |  | BDT | 1No. | 300,000.00 |  | 300,000.00 |
| b) | xi) Printer | 30ppm Laser printer | BDT | 3 Nos. | 48,000.00 |  | 144,000.00 |
| c) | Server Room Infrastructure |  |  | 1 Lot. | 225,000.00 |  | 225,000.00 |
|  | **System Software:** |  |  |  |  |  |  |
|  | i) Server GIS Mapping Software | ArcGlS Server Enterprise Advanced (Windows) |  | 1 No. | 5,800,000.00 |  | 5,800,000.00 |
|  | ii) Desktop GIS (Advance) | ArcGlS for Desktop Advanced (formerly Arclnfo) Concurrent Use License |  | 1 No. | 2,800,000.00 |  | 2,800,000.00 |
|  | iii) Desktop GIS (Basic) | ArcGlS for Desktop Basic (formerly ArcView) Concurrent Use License |  | 2 Nos. | 416,000.00 |  | 832,000.00 |
|  | iii) Database Software | MS SQL Server 2014 std, 5CAL |  | 1 No | 200,000.00 |  | 200,000.00 |
|  | iv) Customized GIS Solution Development |  |  | 1 Lot. | 2,100,000.00 |  | 2,100,000.00 |
|  | Sub Total Equipment, Instruments, Materials,  Supplies, etc.: | |  |  |  |  | 16,111,600.00 |
|  | **Total Reimbursable:** | |  |  |  |  | **22,937,600.00** |

**SUMMARY OF COSTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Foreign**  **Currency**  **(USD)** | **Local**  **Currency**  **(BDT)** | **In Equivalent BDT** |
|  |  |  |  |
| Cost of the Financial Proposal: |  |  |  |
| (1) Remuneration | - | 33,120,000.00 | 33,120,000.00 |
| (2) Reimbursable | - | 22,937,600.00 | 22,937,600.00 |
| Sub-Total | - | 56,057,600.00 | 56,057,600.00 |
| Provisional Sum for Contingency and Price Escalation | - |  |  |
| **TOTAL** | **-** | **56,057,600.00** | **56,057,600.00** |
| Local Tax Estimates |  |  |  |
| Income Tax (12% on C / 0.88 \* 0.12) (removing Reimbursable Expenses) |  | 4,516,364.00 | 4,516,364.00^ |
| **VAT (15% on C + D)** |  | **9,086,095.00** | **9,086,095.00** |
| Income Tax on Non-Resident Experts (to be Reimbursed from the Project) |  |  |  |
| **Total Estimate for Local Tax** |  | **13,602,459.00** | **13,602,459.00** |
|  |  |  |  |
| **GRAND TOTAL with VAT and Tax** |  | **69,660,059.00** | **69,660,059.00** |