Schedule 5.1

Basis of Payment for Interim Payments for Reconnaisance Survey, Inception Report, Designs & Drawings: Basic, Detailed,
Equipment layout, As Built and Manuals

| | | Equipme | The layout, As Built and Manuais | ı | | , |
|---|--|----------|--|-------------|-------------------------|---|
| Cost Centre | Item of Work | Item No. | Payment Event | Weightage % | Cost | Paymo Proced |
| | Inception Report | 5.1.1 | Reconnassaince Survey and Inception Report. | 4% | | unit as |
| | NOT USED | 5.1.2 | | | † | ıch ı |
| | Management Plans - Lot 1 | 5.1.3 | Project Plan, Quality Plan, Safety Plan, Design Plan. | 6% | Ī | on of e |
| | Management Plans - Lot 2 | 5.1.4 | Interface Management plan, System Integration Management Plan, Certification Management Plan, Software Assurance Quality Plan, Design Verification and Validation Plan, Health and Safety Documentation, Environmental Qualities Management Plan, Environmental Mitigation Implementation Schedule, EMC Plan, Supply Plan, Factory Acceptance Testing Plan, Installation Plan, Commissioning Plan. | | ee | The Unit of measurement shall be for each station and Block section. Payment of each stage will be made on pro-rata completion of each unit as ner weightage oiven in this Schedule |
| Reconnaisance Survey, Inception Report, Designs and Drawings: Basic, Detailed, Equipment layout, | Management Plans - Lot 3 | 5.1.5 | Operation & Maintenance Manuals Plan, Training and Knowledge/Skills Transfer Plan, Spare Parts and Consumable Management Plan, Defect Liability Management Plan. | | % of the Contract Price | 1 Block section. Payment of each sta |
| As Built and Manuals. | Finalization of Basic System Designs | 5.1.6 | Approval by Engineer of Basic designs as per details given in Employer's Requirement of Bid Documents, System Designs of compatibility of Signal & Telecom installations and Earthing and Bonding of the System. | | 2.5 % of | station and Block section |
| | Finalisation of Detailed Designs including Earthing and Bonding | 5.1.7 | Approval by Engineer of Detailed designs as per details given in Employer's Requirement of Bid Documents. | | | ill be for each |
| | Equipment layout designs | 5.1.8 | Approval by Enginer of Equipment layout designs as per details given in Employer's Requirement of Bid Documents. | | | asurement sha |
| | As Built Designs, Drawings and Manuals | 5.1.9 | No objection to as Built Designs, Drawings, O&M Manuals as per details given in Employer's Requirement of Bid Documents and all residual Works. | 20% | | The Unit of me |
| | | | | | | - |

| Cost Centre | Item of Work | Payment Event | Weightage % | Cost | Payment Procedure |
|----------------|-----------------|---------------|-------------|------|----------------------|
| | | NOT USED | | | |
| | | | | | |
| | | | | | |

Schedule 5.3.1 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Installation of Signal Equipment Room & ASM office Equipment (Except MSDAC)

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|----------------|--|---------|---|-------------|-----------------------------|--|
| Electronic Interlocking (Stations) - 5.3 | Schedule 5.3.1 | Installation of indoor Electronic Interlocking Equipment in Signal Equipment Room & ASM office. | 5.3.1.2 | Indoor Electronic Interlocking Equipment including Cabinets, cards, associated Power supply modules, relays, Cable Termination racks, Fuses, Lightning protection modules, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. On receipt of Indoor Electronic Interlocking Equipment at site office and acceptance by the Engineer. | 20% | 6.61% of the Contract Price | Payment shall be on per Station basis. |
| Electro | | of indoor Equ | 5.3.1.3 | On completion of Installation including wiring. | 15% | 9 | Paym |
| | | stallation | 5.3.1.4 | On successful completion of pre-commissioning checks & tests. | | | |
| | | Π | | Total | | | |

| Schedule 5.3.2 - | Basis of Payment for Interim Payments on Construction of Electronic Interlocking |
|------------------|--|
| | (Stations): Installation of MSDAC at Stations |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|------------------------------------|----------------|---|---------|--|-------------|-----------------------------|--|
| ations) - 5.3 | | Schedule 5.3.2 Installation of MSDAC at Stations. | 5.3.2.1 | MSDAC Equipment including Cabinets, cards, associated Power supply modules, Resetting modules, track devices, Fuses, Lightning protection modules, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | Price | ttion basis. |
| Electronic Interlocking (Stations) | Schedule 5.3.2 | : MSDAC at | 5.3.2.2 | On receipt of MSDAC Equipment at site office and acceptance by the Engineer. | 20% | 7.75% of the Contract Price | Payment shall be on per Station basis. |
| ronic Inter | Sch | tallation of | 5.3.2.3 | On completion of Installation, wiring and testing. | 15% | 7.75% of t | ment shall l |
| Elect | | Ins | 5.3.2.4 | On successful completion of pre- commissioning checks & tests. | 5% | | Pay |
| | | | | Total | | | |

Schedule 5.3.3 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Installation of Power Supply System at Stations and OCC

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|---|----|-----------------|---------|---|-------------|-------------------|-------------------------------------|
| tronic Interlocking (Stations) - 5.3 Schedule 5.3.3 | .3 | .3. Q U | 5.3.3.1 | On receipt of Power Supply System Equipment including batteries at site and acceptance by the Engineer. | | ontract | nt shall be on per on/OCC basis. |
| | | | | On completion of Installation and wiring. | 25% | of the C Price | |
| Electronic (Static | S | Instal Stati | 5.3.3.3 | On successful completion of pre- commissioning checks & tests. Total | 5% | 2.3% | Payment Station |

Attachment: Addm - 4-4

Schedule 5.3.4 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Installation of Point machines at Stations

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|----------------|----------|-------------------------|---------|---|-------------|----------------|-----------------------|
| | .4 | machines at | 5.3.4.1 | On receipt of Point Machines including Clamp Locks, Rod connections, Crank handle Interlocking arrangement etc. at site office and acceptance by the Engineer. | | Contract Price | on per Station basis. |
| locking 5.3 | lule 5.3 | of Point r Stations. | 5.3.4.2 | On completion of Installation and wiring. | 25% | _ | |
| ronic Inter | Schedule | Installation of St | 5.3.4.3 | On successful completion of pre- commissioning checks & tests. | 5% | 1.22% of the | Payment shall be |
| Elect | | Inst | | Total | | 1. | Paym |

Name of Bidder

Schedule 5.3.5 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Supply and laying of signalling cables at Stations

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | |
|---|------|-----------------|-------------|--|-------------|--|--|------------------|-----------|
| Electronic Interlocking (Stations) - 5.3 Schedule 5.3.5 | | es at Stations. | 5.3.5.1 | On receipt of all outdoor signalling cables including Axle counter and power supply cables at site office as per approved cable plan and acceptance by the Engineer. | | Price | tion basis. | | |
| | 5.3. | 5.3. g cal | edule 5.3.5 | ralling cabl | 5.3.5.2 | On provision of ducts and laying of cables as per approved cable plan. | 25% | e Contract Price | on per St |
| | Sche | | 5.3.5.3 | On completion of meggering, submission of meggering test records and termination of all cables. | | 3.9% of the | Payment shall be on per Station basis. | | |
| Elect | | Installa | | Total | 100% | | Pay | | |

Name of Bidder

Schedule 5.3.6 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Installation of Signals and Location boxes at Stations

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|---|------------|--------------------------------|---------|--|-------------|----------------|----------------------|
| Electronic Interlocking (Stations) - 5.3 Schedule 5.3.6 | • | nals and Location Stations. | 5.3.6.1 | On receipt of all types of Signals including main, shunt, calling-ON, LED units, complete posts and Location boxes of required sizes at site office and acceptance by the Engineer. | | Contract Price | r Station basis. |
| Interlockir 5.3 | Schedule 5 | of Sign xes at | 5.3.6.2 | On completion of Installation and wiring. | 20% | of the Cont | shall be on per |
| lectronic | | Installation | 5.3.6.3 | On successful completion of pre- commissioning checks & tests. | 10% | 0.49% | Payment sk |
| E | | In | | Total | 100% | | P. |

| | Schedule 5.3.7 - Basis of Payment for Interim Payments on Construction of Electronic Interlocking (Stations): Software and Data provision | | | | | | | | | | |
|--|---|-------------------|----------|---|-------------|------------------------------|--|--|--|--|--|
| Cost Centre | | Item of Work | Item No. | Payment Event | Weightage % | Cost | Payment Procedure | | | | |
| Electronic Interlocking (Stations) - 5.3 | 5.3.7 | nd Data | 5.3.7.1 | FAT of Electronic Interlocking Software and Data completed with no major outstanding modification and ready for shipment from abroad. | | ontract Price | Payment shall be on per Station basis. | | | | |
| nic Interlock | Schedule | Software and Data | 5.3.7.2 | On receipt of Software and Data at site & uploading. | 30% | 1.68 % of the Contract Price | nt shall be on | | | | |
| Electro | | | 5.3.7.3 | On successful completion of pre- commissioning checks & tests. | 10% | 1.6 | Рауте | | | | |
| | | | | Total | 100% | | | | | | |

| Sched | Schedule 5.4.1 - Basis of Payment for Interim Payments for Automatic signalling in Block section: Installation of Signal Equipment in Auto Location Huts (Except MSDAC) | | | | | | | | | | |
|---|---|---|---------|--|-------------|------------------------------|--|--|--|--|--|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | | | |
| rck section - 5.4 | 1 | Installation of indoor Electronic Interlocking Equipment in Auto Location Huts (Except MSDAC). | 5.4.1.1 | On receipt of Indoor Electronic Interlocking Equipment including Cabinets, cards, associated Power supply modules, Cable Termination racks, relays, Fuses, Lightning protection modules, Air Conditioning, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | ct Price | Payment shall be on per Auto Location Hut basis. | | | | |
| Automatic signalling in Block section - | Schedule 5.4.1 | tronic Interle Huts (Except | 5.4.1.2 | On receipt of Indoor Electronic Interlocking Equipment at site office and acceptance by the Engineer. | | 0.66 % of the Contract Price | on per Auto L | | | | |
| matic sigr | , | idoor Electroni Location Huts | 5.4.1.3 | On completion of Installation including wiring. | 15% | 0.66 % | ıt shall be | | | | |
| Auto | | on of in | 5.4.1.4 | On successful completion of pre- commissioning checks & tests. | 5% | | Раутег | | | | |
| | | Installati | | Total | 100% | | | | | | |

Name of Bidder

Schedule 5.4.2 - Basis of Payment for Interim Payments on Construction of Automatic signalling in Block section: Installation of MSDAC

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|---------------------------------------|----------|-----------------------|---------|--|-------------|-------------------------------|--|
| section - 5.4 | | יכ | 5.4.2.1 | MSDAC Equipment including Cabinets, cards, associated Power supply modules, Resetting modules, track devices, Fuses, Lightning protection modules, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | Price | Payment shall be on per Block section basis. |
| Automatic signalling in Block section | le 5.4.2 | Installation of MSDAC | 5.4.2.2 | On receipt of MSDAC Equipment at site office and acceptance by the Engineer. | 20% | 15.28 % of the Contract Price | er Block se |
| nalling | Schedule | ullation | 5.4.2.3 | On completion of Installation and wiring. | 15% | of the | be on p |
| atic sigr | | Insta | 5.4.2.4 | On successful completion of pre- commissioning checks & tests. | 5% | 15.28 % | ent shall |
| Autom | | | | Total | 100% | | Раут |

Attachment: Addm - 4-4

Schedule 5.4.3 - Basis of Payment for Interim Payments on Construction of Automatic signalling in Block section): Installation of Power Supply System at Auto Location Huts

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|-----------------------------------|-----------|-----------------|---------|---|-------------|----------------|---|
| signalling in Block section - 5.4 | ule 5.4.3 | Location | 5.4.3.1 | On receipt of Power Supply System Equipment including batteries at site and acceptance by the Engineer. | | Contract Price | Payment shall be on per Block section basis. |
| | | <u> </u> | 5.4.3.2 | On completion of Installation and wiring. | 25% | | |
| c signallii | Schedule | l Jo | | On successful completion of pre- commissioning checks & tests. | 5% | 3.93% of the | it shall be o |
| Automatic | | Installation | | Total | 100% | 3.93 | Paymen |

Name of Bidder

| Schedule 5.4.4 - | Basis of Payment for Interim Payments on Construction of Automatic signalling in |
|------------------|--|
| | Block section: Supply and laying of signalling cables |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|-----------------------------------|----------------|-----------------------------------|---------|---|-------------|------------------------------|--|
| signalling in Block section - 5.4 | Schedule 5.4.4 | g cables | 5.4.4.1 | On receipt of all outdoor signalling cables including Axle counter and power suply cables at site office as per approved cable plan and acceptance by the Engineer. | | 14.08% of the Contract Price | Payment shall be on per Block section basis. |
| | | Installation of signalling cables | 5.4.4.2 | On completeion of trenching, laying of cables, covering with bricks, refilling of trench and provision of cable markers as per approved cable plan. | | | |
| Automatic sig | | Installa | 5.4.4.3 | On completion of meggering, submission of meggering test records and termination of all cables. | | 14.08% | Payment shal |
| - ▼ | | | | Total | 100% | | |

| Schedule 5.4.5 - Basis of Payment for Interim Payments on Construction of Automatic signalling in |
|---|
| Block section: Installation of Signals and Location boxes |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|------------------------------------|----------|------------------------------|---------|---|-------------|----------------|-------------------------------|
| signalling in Block ction - 5.4 | e 5.4.5 | Signals and ss in Block ns. | | On receipt of Signals including LED units, complete posts and Location boxes of required sizes at site office and acceptance by the Engineer. | | Contract Price | e on per Block basis. |
| | Schedule | | | On completion of Installation and wiring. | 20% | of the | Payment shall be section b |
| Automatic | | Installation Location bes | 5.4.5.3 | On successful completion of pre- commissioning checks & tests. Total | 10% | 1.45 % | Paymer |

| Sche | Schedule 5.4.6 - Basis of Payment for Interim Payments on Construction of Automatic signalling in Block sections: Software and Data provision | | | | | | | |
|--|---|-------------------|----------|--|-------------|-----------------------------|--|--|
| Cost Centre | | Item of Work | Item No. | Payment Event | Weightage % | Cost | Payment Procedure | |
| Automatic signalling in Block section - 5.4 Schedule 5.4.6 | ıle 5.4.6 | Software and Data | 5.4.6.1 | FAT of Software and Data of Interlocking of Automatic signalling in Block section completed with no major outstanding modification and ready for shipment from Abroad. | 60% | 1.13% of the Contract Price | Payment shall be on per Block section basis. | |
| | Schedu | Software | 5.4.6.2 | On receipt of Software and Data at site and uploading. | 30% | 3% of the (| nt shall be o | |
| | | | 5.4.6.5 | On successful completion of pre- commissioning checks & tests. | 10% | 1.1 | Paymet | |
| | | | | Total | 100% | | | |

| Schedule 5.5.1 - Basis of Payment for Interim Payments for Train Management & Diagnostic System |
|---|
| (TMS): Installation of OCC Equipment for Phase 1 |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|------------|------------------------|---------|---|-------------|------------------|--|
| Train Management & Diagnostic System (TMS) Phase 1 - 5.5 | | Equipment for Phase 1. | 5.5.1.1 | On receipt of OCC Equipment including Application Servers, cards, associated Power supply modules, Mimic Indication Panel, Work stations, printers, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | t Price | Payment shall be on basis of complete OCC equipment for Phase 1. |
| Diagnost se 1 - 5.5 | dule 5.5.1 | Equipme | 5.5.1.2 | On receipt of OCC Equipment at site office and acceptance by the Engineer. | 20% | e Contract Price | asis of compl for Phase 1. |
| ement & Dia Phase 1 | Schedule | Installation of OCC | 5.5.1.3 | On completion of Installation including wiring. | 15% | 7.18 % of the | e on basis for |
| Manage | | allation | 5.5.1.4 | On successful completion of pre- commissioning checks & tests. | 5% | 7.18 | shall bo |
| Train l | | Inst | | Total | | | Payment |

Attachment: Addm - 4-4

| Schedule 5.5.2 - Basis of Payment for Interim Payments for Train Management & Diagnostic System |
|---|
| (TMS): Installation of Station & Other Locations Equipment for Phase 1 |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | | |
|--|----------------|--|------------|---|-------------|------------------------------|---|-----|------------|----------------------------|
| nent & Diagnostic System (TMS) Phase 1 - 5.5 | Schedule 5.5.2 | r Locations | 5.5.2.1 | On receipt of TMS Equipment including FIUs, VDUs, associated Power supply modules, Work stations, printers, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | Price | Payment shall be on basis of TMS equipment per station/location for Phase 1. | | | |
| | | Installation of Station & Other Equipment for Phase 1 | & <u>∃</u> | & or] | % | 5.5.2.2 | On receipt of TMS Equipment at site office and acceptance by the Engineer. | 20% | Contract 1 | s of TMS eq m for Phase |
| | | | 5.5.2.3 | On completion of Installation including wiring. | 15% | 3.74 % of the Contract Price | aall be on basis ostation/location | | | |
| lanagen | | allation Eq | 5.5.2.4 | On successful completion of pre- commissioning checks & tests. | 5% | 3.74 % | nt shall l | | | |
| Train Management P | | Inst | | Total | 100% | | Payme | | | |

Name of Bidder

| Schedule 5.5.3 - Basis or | f Payment for Interim | Payments for Tra | ain Management & Diagno | ostic System |
|---------------------------|-------------------------|------------------|-------------------------|--------------|
| (TMS |): Installation of Auto | Location Hut Eq | quipment for Phase 1 | |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|----------------|---|---------|---|-------------|-------------------------|---|
| Train Management & Diagnostic System (TMS) Phase 1 - 5.5 | Schedule 5.5.3 | Auto Location Hut Equipment for Phase 1. | 5.5.3.1 | On receipt of TMS Equipment including FIUs, VDUs, associated Power supply modules, Work stations, connecting cables etc. ready for shipment from abroad on receipt of a Bill of Lading. | | % of the Contract Price | on basis of TMS equipment per Block section for Phase 1. |
| iagnostic 1 - 5.5 | | | 5.5.3.2 | On receipt of TMS Equipment at site office and acceptance by the Engineer. | 20% | | |
| nent & Di Phase 1 | | | 5.5.3.3 | On completion of Installation including wiring. | 15% | | |
| Managen | | of | 5.5.3.4 | On successful completion of pre- commissioning checks & tests. | 5% | 4.02 % | |
| Train ! | | Installation | | Total | 100% | | Payment shall be |

| Sch | Schedule 5.5.4 - Basis of Payment for Interim Payments for Train Management & Diagnostic System (TMS): Software and Data provision for Phase 1 | | | | | | | | | | |
|--|--|-------------------|----------|---|-------------|-----------------------------|---|--|--|--|--|
| Cost Centre | | Item of Work | Item No. | Payment Event | Weightage % | Cost | Payment Procedure | | | | |
| agement & Diagnostic (TMS) Phase 1 - 5.5 chedule 5.5.4 | le 5.5.4 | and Data | 5.5.4.1 | FAT of Software and Data of Train Management & Diagnostic System (TMS) Phase 1 completed with no major outstanding modification and ready for shipment from abroad. | 60% | 0.4 % of the Contract Price | Payment shall be on basis of completeTMS for Phase 1. | | | | |
| Train Management System (TMS) Pl | Schedule | Software and Data | 5.5.4.2 | On receipt of Software and Data at site and uploading. | 30% | % of the C | ayment shall be on basis completeTMS for Phase | | | | |
| Train I Syst | | | 5.5.4.3 | On successful completion of pre- commissioning checks & tests. | 10% | 0.4 | Pay | | | | |
| | | | | Total | 100% | | | | | | |

| | | 1 |
|----------|--|---|
| NOT USED | | |
| | | |
| | | |
| | | |

Attachment: Addm - 4-4

Schedule 5.6.1 - Basis of Payment for Interim Payments on Construction of Interlocking of L.C. Gates:

Installation of Electric Lifting barrier

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | |
|----------------------------------|----------------|--|---------|--|-------------|-----------------------------|---|
| Interlocking of L.C. Gates - 5.6 | Schedule 5.6.1 | | 5.6.1.1 | On receipt of Electric Lifting barrier including Gate control panel, power supply etc. at site and acceptance by the Engineer. | | ice | ıte basis. |
| | | tric Lifting | 5.6.1.2 | On completion of Installation and wiring. | 25% | 0.01% of the Contract Price | Payment shall be on per L.C.Gate basis. |
| | | Installation of Electric Lifting barrier | 5.6.1.3 | On successful completion of precommissioning checks & tests. | 5% | | shall be on |
| Interl | | Installati | | Total | 100% | 0.01 | Payment |

Name of Bidder

Attachment: Addm - 4-4

| Schee | Schedule 5.7.1- Basis of Payment for Interim Payments on Construction of Dispatch Telephone System: Installation at Stations, OCC and other operationally important locations | | | | | | | | | | |
|----------------|---|--|---------|--|-------------|---------------|-----------------------------------|--|--|--|--|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | | | |
| : System -5.7 | 5.7.1 | Dispatch n at Stations, locations. | 5.7.1.1 | On receipt of Dispatch Telephone System equipment and associated accessories at site and acceptance by the Engineer. | | ontract Price | e on per basis. | | | | |
| Telephone | Schedule 5 | tion of] System 1 other | 5.7.1.2 | On completion of Installation and wiring. | 25% | of the Cont | Payment shall be Station/OCC l | | | | |
| Dispatch | | Installar Felephone OCC and | 5.7.1.3 | On successful completion of pre- commissioning checks & tests. | 5% | 0.64% | Payr St | | | | |
| D | | Ĺ | | Total | 100% | | | | | | |

Name of Bidder

Schedule 5.8.1- Basis of Payment for Interim Payments on Construction of Optical Fiber Communication System: Installation of SDH transmission equipment in TERs at OCC, stations and porta huts

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|----------|--|---------|---|-------------|----------------------------|--|
| Optical Fibre Communication System - 5.8 | | Installation of SDH transmission equipment in TERs at OCC, stations and porta huts | 5.8.1.1 | On receipt of SDH transmission equipment (STM-16 with 63 E1s+EoS) including STM Multiplexers, Access Multiplexers, Terminating and interconnecting equipment, cabinets racks and cubicles, other installation materials and associated accessories for stations and acceptance by the Engineer. | 14% | | si. |
| | 5.8.1 | | 5.8.1.2 | On receipt of SDH transmission equipment (STM-4 with 21 E1s+EoS) including STM Multiplexers, Access Multiplexers, Terminating and interconnecting equipment, cabinets racks and cubicles, other installation materials and associated accessories for BTS Locations (Telecom Porta Hut location with GSM-R base stations) and acceptance by the Engineer. | 50% | 1.4% of the Contract Price | Payment shall be on per Station/OCC/Block section basis. |
| | Schedule | | 5.8.1.3 | On receipt of SDH transmission equipment (STM-16 with 63 E1s+EoS) including STM Multiplexers, Access Multiplexers, NMS, Terminating and interconnecting equipment, cabinets racks and cubicles, other installation materials and associated accessories for OCC at site and acceptance by the Engineer. | 6% | | |
| 0 | | DH trar | 5.8.1.4 | On completion of Installation and wiring for stations/BTS locations/OCC | 25% | | Payment |
| | | ation of S | 5.8.1.5 | On successful completion of pre-commissioning checks & tests. | 5% | | |
| | | Install | | Total | 100% | | |

Schedule 5.8.2- Basis of Payment for Interim Payments Supply and laying of Optical Fibre Cables: Supply of Optical Fibre cables, HDPE Ducts etc. and laying of Optical Fibre cable network

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | |
|---|------------|---|----------|--|-------------|---|---|----------|
| Optical Fibre Communication System - 5.8 | 5.8.2 | Il Fibre cables, and laying of able network | | On receipt of Optical Fiber Cables, Fiber management equipment, HDPE pipes, cabinets, racks and other installation materials and assciated accessories at site and acceptance by the Engineer. | | ontract Price | on per Route Km. ompletion of every cluding adjoining ion. | |
| | Schedule 5 | Optical I ucts etc. a Fibre cab | 5.8.2.2 | On completion of Installation and wiring. | 25% | the Con | l be to co in in | |
| | Sc | g Q E | ਜੂ ਹੈ ਦੂ | J D E | g Q = | On successful completion of pre-commissioning checks & tests. | 5% | 6.79% of |
|) | | S | | Total | 100% | • | Pa ba E | |

Schedule 5.8.3- Basis of Payment for Interim Payments on Construction of Ethernet Data networks: Installation of Data Networking System WAN and LAN at OCC, Stations etc.

| Cost | | Item of | | Payment Event | Weightage % | Cost | Payment | | | | | | | | | | | | | | | | |
|----------------------------|-------|-------------------------------|---------|---|-------------|-----------|--------------------|-----------|-----------|--|----------------------|----------------------|---------------|---------------|----------------------|------------------|-------------------------|----------------------|--|--|----|----|---------------------|
| Centre | | Work | | • | 0 0 | | Procedure | | | | | | | | | | | | | | | | |
| oer System - | 5.8.3 | Data m WA] CC, | 5.8.3.1 | On receipt of Ethernet switching and routing equipment, cables, connectors and associated accessories at site and acceptance by the Engineer. | | act Price | on per basis. | | | | | | | | | | | | | | | | |
| Fiber on Sy | | of ster ster t O etc | | | ıtr | | be Cb | | | | | | | | | | | | | | | | |
| | ule | ation ng Sya AN a | 5.8.3.2 | On completion of Installation and wiring. | 25% | Con | shall /OC | | | | | | | | | | | | | | | | |
| Optical municati 5.8 | pai | lati ing Al | | | |) e | | | | | | | | | | | | | | | | | |
| Op | Sch | 1 C C E E | | 1 C C F C | C C E | 4 d | | 1 C C E E | 1 C C F C | | tall; rkir d L | talla rkir d L | tallarkir d L | tallarkir d L | talla rkir d L | tallarkir d L | tallarkir d L Sta | talla rkir d L | | On successful completion of pre-commissioning checks | 5% | ft | tyment s Station |
| l umc | | Ins etwo an | | & tests. | | o %8 | Payment Station | | | | | | | | | | | | | | | | |
| ŏ | | Ž | | Total | 100% | 9.0 | , . | | | | | | | | | | | | | | | | |

Name of Bidder

Schedule 5.8.4- Basis of Payment for Interim Payments on Construction of 48 Volt DC Battery Backup System: Installation of 48 Volt DC Battery Backup System

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|----------|--|--|---|---|----------------|---|
| Optical Fiber Communication System - 5.8 | | | 5.8.4.1 | On receipt of SMPS equipment, Batteries, batteries, battery mounting racks, power cables, power distribution cabinets and associated accessories for stations and acceptance by the Engineer. | 17% | Contract Price | |
| | 5.8.4 | Installation of 48 Volt DC Battery Backup System | 5.8.4.2 | On receipt of SMPS equipment, Batteries, battery mounting racks, power cables, power distribution cabinets and associated accessories for BTS locations (Telecom Porta Hut location with GSM-R base stations) and acceptance by the Engineer. | 52% | | Payment shall be on per Station/OCC/ Block section basis. |
| | Schedule | | 5.8.4. 5.8.4 | 5.8.4.3 | On receipt of SMPS equipment, Batteries, battery mounting racks, power cables, power distribution cabinets and associated accessories for OCC and acceptance by the Engineer. | 1% | 1.19% of the Contract Price |
| Optical I | | allation | 5.8.4.4 | On completion of Installation and wiring for stations/BTS locations/OCC. | 25% | 1 | ıt shall b |
| | | Inst | 5.8.4.5 | On successful completion of pre-commissioning checks & tests. | 5% | | Paymer |
| | | | | Total | 100% | | |

Attachment : Addm - 4-4

Schedule 5.9.1- Basis of Payment for Interim Payments on Construction of GSM(R) Radio Communication System: Installation of GSM(R) BTS, RDW equipment and Handportable radio sets

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|--|------------|--|---------|--|-------------|------------|--------------------------|
| GSM(R) Radio munication System - 5.9 | 5.9.1 | of GSM(R) nipment and radio sets | 5.9.1.1 | On receipt of BTS, RDW equipments, Cab Radio equipment, Handportable radio sets, Radio towers & accessories, porta huts and associated accessories at site and acceptance by the Engineer. | | ract Price | n per BTS sis. |
| | Schedule 5 | tion of W equi | 5.9.1.2 | On completion of Installation and wiring. | 15% | the Cont | shall be o cation bas |
| Ommu | Sc | Installa BTS, RD' Handpo | 5.9.1.3 | On successful completion of pre-commissioning checks & tests. | 5% | 62% of | ment lo |
| С | | B | | Total | 100% | 5.6 | Payı |

Name of Bidder

| Sched | Schedule 5.9.2- Basis of Payment for Interim Payments on Construction of GSM(R) Radio Communication System: Installation of GSM(R) MSC Control System equipment | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------|---------|--|---------------|---------------|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|---------------|------------|---------|---|-----|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | | | | | | | | | | | | | | | | | | |
| GSM(R) Radio Communication System - 5.9 | ledule 5.9.2 | MS | 5.9.2.1 | On receipt of GSM (R) MSC and RDW equipment and associated accessories at site and acceptance by the Engineer. | | ontract Price | on per MSC basis. | | | | | | | | | | | | | | | | | | | |
| | | Schedule 5 | | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS stem | of GS | of GS stem | of GS stem | 5.9.2.2 | On completion of Installation and wiring. | 15% |
| GS] | Scl | | 5.9.2.3 | On successful completion of pre-commissioning checks & tests. | 5% | .11% of t | Payment s Lo | | | | | | | | | | | | | | | | | | | |
| | | Ins | | Total | 100% | Ä | Pa | | | | | | | | | | | | | | | | | | | |

| Schedule 5.10.1- | Basis of Payment for Interim Payments on Construction of EPABX Telephone System: Ir | ıstallation |
|------------------|---|-------------|
| | at Stations and OCC | |

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedur e |
|-------------------|----------|-----------------------------------|------------------|---|---|--------------|--------------------------|
| .BX System - 5.10 | 5.10.1 | of EPABX System at nd OCC. | | On receipt of EPABX equipment complete with NMS, MDF/IDF, telephone sets, indoor & outdoor telephone and power cables, VMS, VRS, cabinets, enclosures and racks and acceptance by the Engineer. | | ntract Price | be on per C basis. |
| | Schedule | on ne s ar | on ne s ar | 5.10.1.2 | On completion of Installation and cabling & wiring. | 25% | the Co |
| EPAI | Se | Installati Telepho Stations | | On successful completion of pre-commissioning checks & tests. | 5% | .92% of | Payment Station |
| | | | | Total | 100% | 0.0 | |

| Schedule 5.11.1 - Basis of Payment for Interim Payments on Construction of Master Clock System: Installation of Master Clock system equipment at Stations and OCC | | | | | | | | | |
|--|--------------|--|--|---|-------------|--------------|-------------------------------------|--|--|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | |
| Clock System - 5.11 | 11.1 | of Master equipment at nd OCC. | 5.11.1.1 | On receipt of Master Clock System equipment at site and acceptance by the Engineer. | 70% | act Price | nt shall be on per on/OCC basis. | | |
| | Schedule 5.2 | ation of l stem equi ons and (| 5.11.1.2 On completion of Installation and 5.11.1.3 On successful completion of pre- | On completion of Installation and wiring. | Ŭ | the Contract | | | |
| Master C | Scł | Installation clock System Stations a | 5.11.1.3 | On successful completion of pre-commissioning checks & tests. | 5% | 0.15% of | Payment Station | | |
| × | | clo | | Total | 100% | 0.7 | | | |

| Schedule 5.12.1- Basis of Payment for Interim Payments on Construction of Video Surveillance System: Installation at OCC | | | | | | | | | |
|---|--------------|------------------------------------|----------|--|-------------|---|-------------------------|-------------------|--------------------------------|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | |
| leo Surveillance System - 5.12 | edule 5.12.1 | of Video System at C | 5.12.1.1 | On receipt of Video Surveillance equipment including video cameras, VDU and storage, associated cables and accessories at site and acceptance by the Engineer. | | Contract | all be on per basis. | | |
| | | 4) | | | 5.12.1.2 | On completion of Installation, wiring and testing | 25% | of the (Price | Payment shall be OCC basis. |
| Video Sys | Scł | Installation Surveillance OC | 5.12.1.3 | On successful completion of pre-commissioning checks & tests. | 5% | 0.05% | Рауте | | |
| | | 3, | | Total | 100% | - | | | |

| | Schedule 5.13 - NOT USED | | | | | | | | | |
|----------------|--------------------------|-----------------|--|---------------|-------------|------|----------------------|--|--|--|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | | |
| | | | | NOT USED | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Schedule 5.14 - Basis of Payment for Interim Payment for : System Test and Commissioning, Training, Mock-up & Prototype

| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure |
|---|---------------|-------------------------------|--------|--|-------------|--------------------------------|---|
| | | & Prototypes | 5.14.1 | After successful completion of Testing and Commissioning of Signalling works, Training, Mockup and Prototypes. | 50% | | ed after successful complete Works g. |
| System Test and Commissioning, Training, Mock-up & Prototypes | Schedule 5.14 | Commissioning of Telecom work | 5.14.2 | | 50% | 1.0 % of the Contract Price | Payment for Testing and Commissioning shall be released after successful completion of respective Testing and Commissioning of complete Works & Certification by Engineer and Training. |
| System Test | | | Total | 100% | | Payment for Tecompletion of re | |

Name of Bidder

| Schedule 5.15 - Basis of Payment for Interim Payment for System Integrated Testing and Commissioning of complete Works | | | | | | | | |
|--|---------------|--------------------------------------|--|-----------------------------|--|--|--|--|
| Cost Centre | | Item of Work | Stage Payment | Weightage % | Payment Procedure | | | |
| Integrated Testing and Commissioning of complete Works | Schedule 5.15 | Integrated Testing and Commissioning | After successful completion of Integrated Testing and Commissioning of the whole of the Works. | 0.50% of the Contract Price | Payment for Integrated Testing and Commissioning shall be released after successful completion of Integrated Testing and Commissioning of Works and certification by the Engineer. | | | |

| Schedule 5.16 - Basis of Payment for Interim Payment for Supply of Spares, Tools & Instruments | | | | | | | | | |
|--|---------------|---|------------------|---|---|------|----------------------------|---|--|
| Cost Centre | | Item of Work | | Payment Event | Weightage % | Cost | Payment Procedure | | |
| Supply of Spares, Tools and Instruments | | struments | 5.16.1 | On Supply of Signalling Spares, Tools and Instruments. | 70% | 93 | Cools and successful ot. | | |
| | Schedule 5.16 | , Tools and Ins | , Tools and In | nedule 5.16 | 5.16.2 On Supply of Telecom Spares Tools and Instruments. | 30% | 1.5% of the Contract Price | nt for Supply of Spares , Tools and ents shall be released after successfu supply at Employer's Depot. | |
| | | Schedule 5.16 Supply of Spares, Tools and Instruments | Supply of Spares | | Total | 100% | 1.5% of th | Payment for Supply of Spares , Tools and Instruments shall be released after successful supply at Employer's Depot. | |