

TENDER NOTICE

No: EA/02-55-2022

Providing of Civil Work for BTS and BSS Etisalat GSM Sites

1. Bids are invited from potential companies for execution of (Civil Work for BTS and BSS Etisalat GSM Sites). This bid Document is also available in Etisalat website ([www.etisalat.af, Tenders](http://www.etisalat.af/Tenders)).
2. RFP Deadline is **20-Novmber-2022**.
3. Bid received after the above deadline shall not be accepted.
4. Local firms and international firms can send their offer via email to ashalizi@etisalat.af and copy lhsanullah@etisalat.af.
5. Etisalat Afghanistan reserves the right to accept or reject any or all bids and to annul the bidding process at any time, without thereby incurring any liability to the affected bidder(s) or any obligations to inform the affected bidder(s) of the grounds for Etisalat Afghanistan action.
6. The bidder shall submit proposal with separate **(Technical and Commercial)** parts. **The commercial part must be password protected document and we will request the password once here the concerned committee opened bids (start bid's Commercial evaluation)**. The bids shall be first evaluated technically. Technical evaluation will be based on the conformity to required technical specifications and compliance matrix specified in the Bidding Documents. Only technically compliant bids which meet all the mandatory service effecting requirements will be evaluated commercially.

7. Bidder should be registered with Etisalat Afghanistan in Vendor Registration List. If any interested bidder **is not registered**, first they should fill the attached Vendor Registration Form and provide following documents before tender deadline and submission of bid. Bidder's offer will not be considered without registration process.

- 1- Company Profile
- 2- Business License
- 3- President and Vice President ID Cards/Tazkira Copies
- 4- Article of Association (نامه اساسی)
3. Past Performance:

Firm must describe past performance on similar public and or private agency contracts, including past performance on similar works for any other telecom company.

8. All correspondence on the subject may address to Ahmad Shikib Shalizi, Assistant Manager Procurement and Contracts, and Etisalat Afghanistan. Email ashalizi@etisalat.af and Phone No. +93781 204 040.

Ihsanullah Zirak

Director Procurement and Contracts
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Request for Proposal

(RFP)

For

Execution of Civil Works for Etisalat GSM Sites



1. DEFINITIONS.

In this document, the following terms and meanings shall be interpreted as indicated:

“Acceptance Test(s)” means the test(s) specified in the Technical Specifications to be carried out to ascertain whether the Facilities or a specified part thereof is able to attain the Performance Level specified in the Technical Specifications in accordance with the provisions of the Contract.

“Approved” or “approval” means approved in writing.

“BOQ ” stands for Bill of Quantities of each job/work as mentioned in this contract and its annexes according to which the contractor shall supply equipment and subject to change by agreement of both parties.

“Bidding” means a formal procurement procedure under which sealed bids are invited, received, opened, examined, and evaluated for the purpose of awarding a contract.

“Bid/Tender Document” means the Bid/Tender documents issued by EA for invitation of Bids/Offer along with subsequent amendments and clarifications.

“CIP.” means “Carriage & Insurance Paid” as specified in INCOTERM 2000.

“Competent Authority” means the functionary authorized by EA to deal finally with the matter in issue.

“Completion Date” means the date by which the Contractor is required to complete the Contract.

“Country of Origin” means the countries and territories eligible under the rules elaborated in the “Instructions to Bidders ”.

“Contract” means the Contract between Etisalat Afghanistan (EA) and the Contractor and comprising documents enumerated therein, such as the Conditions of Contract, the Scope of Works,

“Contractor” means the individual or firm(s) ultimately responsible for supplying all the Equipment/Systems/Material/Items on time and to cost under this contract to EA.

“Contractor’s Representative” means the person nominated by the contractor and named as such in the contract and approved by EA in the manner provided in the contract.

“Contract Documents” means the documents listed in Article (Contract Documents) of the Form of Contract (including any amendments thereto) or in any other article in this contract.

“Contract Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.

“Day” means calendar day of the Gregorian calendar.

“Delivery charges” means local transportation, handling, insurance and other charges incidental to the delivery of goods to their final destination.

“D.D.P” means Delivered Duty Paid as defined in the Incoterm 2010 including the unloading responsibility of bidder/seller.

For the purpose of clarification, DDP Price here means that all costs, expenses, duties and taxes, incurred or payable on goods by the contractor up to the point the goods are handed over to consignee/ultimate consignee, are included in the price of the goods.

“Documentation” means documentation specified in the relevant Article(s).

“Equipment” shall mean the Physical Items/Hardware to be provided by the Contractor under the Contract.

“Effective Date” means the date the Contract shall take effect as mentioned in the Contract.

“Etisalat Afghanistan (EA)” means the company registered under the Laws of Islamic Republic of Afghanistan and having office at Ihsan Plaza Charahi Shaheed in person or any person dully authorised by it for the specific purpose for the specific task within the Contract and notified to contractor in writing.

“FAC” means Final Acceptance Certificate, which will be issued by designated EA staff after 12 months of issuance of PAC.

“Force Majeure” means Acts of God, Government restrictions, financial hardships, war and hostilities, invasion, act of foreign enemies, rebellion, revolution, riot, industrial disputes, commotion, natural disasters and other similar risks that are outside of Contractor's and EA's control.

“Goods” means raw materials, products, equipment, systems, spares, and commodities in solid, liquid or gaseous form.

“Goods Receipt Note (GRN)” means certificate issued by the consignee certifying receipt of Goods in good order and condition.

“Liquidated Damages” mean the monetary damages imposed upon the contractor and the money payable to EA by the contractor on account of late delivery of the whole or part of the goods.

“L.o.A” means a Letter of Award issued by EA to successful bidder with regard to the award of Tender.

“L.o.I” means a Letter of Intent issued by EA to successful bidder with regard to award of Tender.

“Month” means calendar month of the Gregorian calendar.

“Offer” means the quotation/bid and all subsequent clarifications submitted by the Bidder and accepted by EA in response to and in relation with the Bid Documents.

“Origin” means the place where the Goods are mined, grown or produced.

“Provisional Acceptance Certificate (PAC)”, means certificate which will be issued by EA designated staff to the contractor after receipt of the delivered Goods in good order as per the contract.

“Performance Bond/Security” means an unconditional irrevocable guarantee issued by a bank located in Afghanistan and acceptable to EA commensurate with the value of the contract. The value of the Performance bond/Security shall be as specified in the contract but in no case shall be less than 10% (Ten Percent) of the total contract value.

“Pre-Shipment Inspection” means inspection and testing of Goods at manufacturer’s premises in accordance with the provisions of the specifications and the clause(s) of the contract pertaining to Pre-shipment Inspection.

“Prime Contractor” means the individual or firm ultimately responsible for supplying all the Goods on time and to cost under this Contract to EA.

“EA's Representative” shall mean the representative to be appointed by EA to act for and on behalf of EA with respect to this Contract.

“Services” means any scope of contract which relates to supply, warranty, and other services and obligations of the Supplier/Contractor as provided in the Contract.

“Shipping Documents” means Contractor's Valued Invoice, Packing List, Freight Memo (if any), Weight and Measurement Certificate, Original Bill of Lading or Airway Bill (as the case may be), Certificate of Origin, Warranty Certificate, Insurance Declaration and Inspection Certificate and/or Contractor's Factory Test Certificate, as required by the Contract.

“Specifications” means the specifications, provided in the Contract and its annexure and in EA Tender Specifications.

“Software” means the set of instructions to be provided by the contractor necessary for the control, operation and performance of the system in accordance with the requirements of the requirements of the Specifications. These instructions shall include full

documentation (flow charts, listings, and explanatory notes) including any proprietary Software supplied by the Contractor under the provisions of the Contract.

“Supplier/Vendor” (used interchangeably) means the individual or firm ultimately responsible for supplying all the Goods and Services on time and to cost under this Contract acting individually alone or as a “prime contractor” for a consortium.

“Supplier's Representative” means the person nominated by the Contractor and named as such in the Contract and approved by EA in the manner provided in the Contract.

“Warranty Period” shall mean the period (s) of twelve (12) months or any extended period starting from the acceptance of the delivered Goods in good order and conditions at consignee's store or site and/or commissioning of the system certified by EA authorized representative (s).

2. INTRODUCTION TO WORK (SCOPE OF WORK):

2.1 Bids are invited for Provision of Civil Works for Etisalat Afghanistan GSM Sites in accordance with the stated specifications of Etisalat Afghanistan as in **RFP Annexures**.

2.2 The award of the tender will be based on best technical and price wise lowest offer.

2.3 Contract duration will be for one to three years considered to Etisalat requirement.

3. VALIDITY OF OFFERS:

The Tenders must be valid for a minimum of **60** days from the Tender closing date, or as may be specified by Purchaser in the Tender documents.

4. CURRENCY:

The prices quoted shall be DDP in Afghani for local Companies. Offers in other currencies shall not be considered for local companies.

5. ACCEPTANCE OF OFFERS:

5.1 Purchaser is not bound to accept the lowest Tender, or any Tender, or to give reasons for rejection of any Tender.

5.2 Unless Letter of award/Letter of Intent/written instructions to proceed have been issued by Purchaser, or until a formal Contract has been concluded, no Tender shall be deemed to have been accepted.

6. REGISTRATION/LEGAL DOCUMENTS OF THE BIDDER:

The Bidder shall include in his proposal, copies of registration documents such as the Certificate of Registration, Trade License, Chamber of Commerce Certificates, and Memorandum of Association (for Limited Liability Company).

7. PAYMENTS:

7.1 Payment shall be made to Contractor by monthly base at end of each month after services provided and completed and project verified by authorized EA representative.

7.2 Payment shall be made against invoice to be submitted by Contractor within thirty (30) days of submission of invoice.

7.3 Payment will be made in Afghani Currency through Bank Transfer or mHawala.

8. PENALTY:

8.1 If the contractor fails to deliver items on or before the Completion Date, the Contractor shall pay to the Purchaser penalty for delay. Penalty will be charged (1%) per week of the total value of the contract. The maximum range of the penalty will be (10%) of the total value of the contract and once the range of penalty reach the maximum, EA shall forthwith terminate the contract.

9. LOCAL TAXES, DUES AND LEVIES:

9.1 The Contractor shall be responsible for all government related taxes, duties, and levies, including personal income tax, which may be payable in the Afghanistan or elsewhere.

9.2 The amount of withholding Tax(s) is 2% of all project cost for local/registered companies who have Afghanistan Government Official Work License and 7% for International/nonregistered companies.

10. CONSTRUCTION OF CONTRACT:

The Contract shall be deemed to have been concluded in the Islamic Republic of Afghanistan and shall be governed by and construed in accordance with Islamic Republic Afghanistan Law.

11. TERMINATION OF THE CONTRACT BY THE PURCHASER:

11.1 EA may terminate the contract without prejudice to any other remedy for breach of contract, by written notice of default sent to the contractor and terminate this contract in whole or in part;

11.1.1 If the contractor fails to deliver any or all of the deliverables within the time period's specified in the contract or any extension thereof granted by EA.

11.1.2 If the contractor fails to perform any other obligation under the contract; or

11.1.3 If the contractor, in either of the above circumstances, does not cure its failure within a period of five (5) days (or such longer period as EA may authorize in writing) after receipt of the default notice from EA.

11.1.4 EA has right to terminate this contract any time during the valid period of the contract by serving one (1) month prior written notice on vendor.

Annexure A

Scope of work (SOW)

Required civil work shall include and not limited to road access, guards' room, Equipment slab, DGs slab, Foundation of the towers and cable tray, sunshades for the equipment and DGs, etc. as per Etisalat Design.

Scope of Work for a Green Field Site

1. Construction of the road access for the site normal, including (cutting and filing) to width 4m (soft soil excavation).
2. Construction of the road access for the site hard, including (cutting and filing) to width 4m (soft soil excavation).
3. Demolition in the area for the site if needed.
4. Transporting of the demolished materials away from the site.
5. Levelling of the area for building the site (excavation + backfilling).
6. Making Layout in the area for the site as per designed layout.
7. Excavation (hard excavation).
8. Excavation (Normal excavation).
9. Stone masonry with mortar for the boundary wall B=60cm, Depth=50cm, H=30cm Total Stone masonry Height 80cm M-300kg/cm² (1:4) per the designed layout.
10. Site boundary wall Brick Masonry, M-300kg/cm² (1:4) (H=2.2m, T=0.25m (15x15) m L=57m or as per the design). Brick masonry (H=2.2m, T=0.25m (20x20) m L=77m or as per the design), brick masonry columns (T=35cm) as per the design layout.
11. Site boundary wall Fence wall (H=2.3m, L= (57 or 77) m or as per the design) Galvanize steel 2-inch pipe t=2mm with site Door fence wire t=3mm Net size (5x5) cm as per the design.
12. Reinforce Concrete Cement (RCC) foundation for the tower (for 4 legs towers, 3 legs tower, and guide towers M-250kg/cm² or as per the design).
13. DGs, RCC foundation M-250kg/cm² as per the design or Steel I-beam N^o-12 as per the design.

- a. Reinforced Concrete Cement (RCC) foundation (4.25x3m² M-250kg/cm² as per the design).
 - b. Iron (steel) beam foundation as per the design.
14. BTS foundation.
- a. Reinforced Concrete Cement (RCC) foundation (4x3m² M-250kg/cm² or as per the design).
 - b. Iron (Steel) beam foundation.
15. Cable tray foundation PCC M-150kg/cm².
16. Tower ladder foundation PCC M-150kg/cm².
17. Guard room.
- a. Brick masonry constructed guardroom 2x (2.75+2.25) m x 2.17m x 0.25m or as per the design).
 - b. Wooden guardroom 2x (2.75+2.25) m x 2.17m x 0.1m or as per the design).
18. PCC foundation for cable tray as per the design.
19. Wooden door installation for the guardroom (0.9 x 2.17 m² or as per the design).
20. Wooden window installation for the Guardroom (0.9 x 1 m² or as per the design).
21. Glass T=4mm for the guardroom window (0.9x1).
22. Steel Main Gate installation (3x2.4m² or as per the design).
23. Galvanized iron (GI) pipe installation for installing razor wire on the boundary wall (Ø=1.5 inch or as per the design).
24. Razor wire installation above the site boundary wall (Ø=0.4m or as per the design) Razor wire circle centre-to-centre 10cm.
25. Plastering mortar of the site M-300 (1:4).
26. Painting of the site (100% emulsion paint).
27. Projector light installation.
- a. 400W x 1 units or on unit one unit on the tower (made in Germany or Turkey).
 - b. Switch button for the projectors beside the ACDB box.

28. Sun shed installation for DGs and fuel tank as per design.
 29. Installation of the main grounding.
 - a. One unit for tower.
 - b. One unit for GSM equipment.
 - c. One unit for electrical equipment.
 - d. Or as per the design.
 30. Levelling of the inside area of the site (cutting + filing).
 - a. Soil backfilling of foundation and compaction 97%.
 - b. Gravel filling 10cm inside the site size (5-7) cm.
 31. Tower installation.
 32. Climbing ladders installation.
 33. Safety facility installation.
 34. Cable ladder installation.
 35. Antenna supports installation.
 36. Lightening rod installation beacon aviation light installation.
 37. Rest platforms installation.
 38. Earthling system installation for the tower legs.
 39. Tower painting.
 - a. Galvanizing the tower one coat.
 - b. Two coat oil paint in red and white colours.
 40. Site ID card installation.
 41. Fence wall around the equipment (H=2m, or as per the design).
 42. Cable tray installation.
 43. Water proof (Isogam).
 44. Heat proof (glass wool).
 45. Tower light installation.
 46. Tower paint in 3 coats.
 47. PCC pick on the boundary wall (W=35cm, T=5cm, Mini. as per the design)
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Scope of Work of the Roof Top Site

1. Pole foundation.
 - a. Reinforced concrete cement (RCC) foundation M-250kg/cm² as per the design.
 - b. Plan concrete cement (PCC) foundation as per the design.
 2. Pole installation (H= as per the design).
 3. Cable tray foundation.
 - a. Reinforced concrete cement (RCC) foundation as per the design.
 - b. Iron beam foundation as per the design.
 4. BTS foundation.
 - a. Reinforced concrete cement (RCC) foundation as per the design.
 - b. Iron beam foundation as per the design.
 5. Battery rack foundation.
 - a. Reinforced concrete cement (RCC) foundation as per the design.
 - b. Iron beam foundation as per the design.
 6. Microwave foundation as per the design.
 - a. Reinforced concrete cement (RCC) foundation as per the design.
 - b. Iron beam foundation as per the design.
 7. DGs foundation.
 - a. Reinforced concrete cement (RCC) foundation as per the design.
 - b. Iron beam foundation as per the design.
 8. Earthling system.
 - a. One unit for pole.
 - b. One unit for GSM equipment.
 - c. One unit for electrical equipment.
 - d. Or as per the design.
 9. Sun shed installation for the DG and BTS as per the design.
 10. Lightening rod installation for the pole.
 11. Pole painting.
 - a. One coat galvanized.
 - b. Two coat oil paint.
 12. Site ID card installation.
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Scope of work for one story DG Room

1. Demolition of the two-side wall $(8m + 3m) \times 2.4m \times 0.35m = 9.24$ CUM
2. Excavation for the column foundation $0.6m \times 0.5m \times 21m = 6.3$ CUM
3. Excavation for the Stone masonry $0.6m \times 0.6m \times 21m = 7.56$ CUM
4. Stone masonry for the foundation with mortar $0.6m \times 0.6m \times 21m = 7.56$ CUM
M-300kg/cm² (1:4)
5. RCC foundation for the 6 columns $1m \times 1m \times 0.5m \times 6 = 3$ CUM M-150kg/cm²
(1:2:4)
6. RCC for the 6 columns $0.35m \times 0.35m \times 2.8m \times 6 = 2.1$ CUM M-250kg/cm²(1:1:2)
7. RCC ring $0.35m \times 0.35m \times 21 = 2.6$ CUM M-250kg/cm²(1:1:2)
8. RCC Slab for the first floor $3.5m \times 7m \times 0.2m = 4.9$ CUM M-250kg/cm²(1:1:2)
9. RCC foundation for the DG $3.5m \times 7m \times 0.15m = 3.7$ CUM M-250kg/cm²(1:1:2)
10. RCC ring of the two towing RCC ring beams for the slab of the ground floor as
reinforcement $0.35m \times 0.35m \times 3.5m \times 2 = 0.9$ CUM M-250kg/cm²(1:1:2)
11. Brick masonry for the boundary wall $0.35m \times 2.8m \times 16.8m = 16.5$ CUM
M-300kg/cm² (1:4)
12. Installation of the two-metal door for the first floor $2.5m \times 2.5m \times 2$
13. Plastering of the DG room from inside for the first floor $(2.8m \times 21m) + (3.5m \times$
 $7m) = 83.3$ SQM M-300kg/cm²(1:4)
14. Plastering of the DG room from outside for the first floor $2.8m \times 21m = 58.8$ SQM
M-300kg/cm²(1:4)
15. Painting of the DG room from outside for the first floor $2.8m \times 14m = 39.2$ SQM
16. Painting of the DG room from inside for the first floor $(2.8m \times 21m) + (3.5m \times$
 $7m) = 83.3$ SQM
17. Painting of the DG room from outside for the first floor $2.8m \times 21m = 58.8$ SQM
18. Painting of the DG room from outside for the first floor $2.8m \times 14m = 39.2$ SQM
19. Installation of heat isolation for the DG room $21m \times 2.8m = 58.8$ SQM
20. Installation of steel sheet on the ground of the DG room $3.5m \times 7m = 24.5$ SQM
21. Installation of the water isolation $7m \times 3.5m = 24.5$ SQM
22. Installation of two exhaust fans $0.5m \times 0.5m$

23. Electrical work for the DG room for both stories as per the design.
24. Installation of the water trench system for the DG room as per the design.
25. Site cleaning from extra materials.

Scope of work for double story DG Room.

1. Demolition of the two-side wall $(8m + 3m) \times 2.4m \times 0.35m = 9.24$ CUM
2. Excavation for the column foundation $0.6m \times 0.5m \times 21m = 6.3$ CUM
3. Excavation for the Stone masonry $0.6m \times 0.6m \times 21m = 7.56$ CUM
4. Stone masonry for the foundation with mortar $0.6m \times 0.6m \times 21m = 7.56$ CUM M-300kg/cm² (1:4)
5. RCC foundation for the 6 columns $1m \times 1m \times 0.5m \times 6 = 3$ CUM M-250kg/cm² (1:1:2)
6. RCC for the 6 columns $0.35m \times 0.35m \times 2.8m \times 6 = 2.1$ CUM M-250kg/cm² (1:1:2)
7. RCC for the 4 columns for the second floor $0.35m \times 0.35m \times 2.5m \times 4 = 1.225$ CUM M-250kg/cm² (1:1:2)
8. RCC ring $0.35m \times 0.35m \times 21 = 2.6$ CUM M-250kg/cm² (1:1:2)
9. RCC Slab for the first floor $3.5m \times 7m \times 0.2m = 4.9$ CUM M-250kg/cm² (1:1:2)
10. RCC slab for the second floor $3.5m \times 3.5m \times 0.15 = 1.84$ S CUM M-250kg/cm² (1:1:2)
11. RCC foundation for the DG $3.5m \times 7m \times 0.15m = 3.7$ CUM M-250kg/cm² (1:1:2)
12. RCC ring of the two towing RCC ring beams for the slab of the ground floor as reinforcement $0.35m \times 0.35m \times 3.5m \times 2 = 0.9$ CUM M-250kg/cm² (1:1:2)
13. Brick masonry for the boundary wall $0.35m \times 2.8m \times (16.8m + 11.2m) = 27.44$ CUM M-300kg/cm² (1:4)
14. Installation of the two metal door for the first floor $2.5m \times 2.5m \times 2$
15. Installation of one door for the second floor $2.5m \times 2.5m$
16. Plastering of the DG room from inside for the first floor $(2.8m \times 21m) + (3.5m \times 7m) = 83.3$ SQM M-300kg/cm² (1:4)
17. Plastering of the DG room from outside for the first floor $2.8m \times 21m = 58.8$ SQM M-300kg/cm² (1:4)

18. Plastering of the DG room from inside for the second floor (2.8m x 14m) + (3.5m x 7m)= 63.7 SQM M-300kg/cm² (1:4)
19. Painting of the DG room from outside for the first floor 2.8m x 14m = 39.2 SQM
20. Painting of the DG room from inside for the first floor (2.8m x 21m) + (3.5m x 7m)= 83.3 SQM
21. Painting of the DG room from outside for the first floor 2.8m x 21m = 58.8 SQM
22. Painting of the DG room from inside for the second floor (2.8m x 14m) + (3.5m x 7m)= 63.7 SQM
23. Painting of the DG room from outside for the first floor 2.8m x 14m = 39.2 SQM
24. Installation of heat isolation for the DG room 21m x 2.8m = 58.8 SQM
25. Installation of steel sheet on the ground of the DG room 3.5m x 7m = 24.5 SQM
26. Installation of the water isolation 7m x 3.5m = 24.5 SQM
27. Installation of two exhaust fans 0.5m x 0.5m
28. Electrical work for the DG room for both stories as per the design.
29. Installation of the water trench system for the DG room as per the design.
30. Site cleaning from extra materials.

Scope of the work for the construction of the Equipment room in the site

- 1- Preparing and leveling of the Equipment places.
- 2- Demolishing of two sidewalls of the site according to the design (8+3)*2.4m.
- 3- Excavation of the foundation for the stone masonry (8+3)*2*0.6*0.6m.
- 4- Stone masonry job (8+3*0.6*0.9*2) m. M-300kg/cm² (1:4)
- 5- RCC ring over the stone masonry (8+3*2*0.35*0.35) m. M-250kg/cm² (1:1:2)
- 6- Brick masonry job (3*0.35*8+3)2m. M-300kg/cm² (1:4)
- 7- RCC slab for the Equipment (8.8*3.8)*0.15m. M-250kg/cm² (1:1:2)
- 8- Installation of the waterproof over the RCC slab (8.8*3.8) m.
- 9- Installation of the single metal door (1*2) m from inside the site and double metal door (2.5*2.5) m.
- 10- Plastering of the brick wall from inside and from outside (3*8+3*2*2) m. M-300kg/cm² (1:4)
- 11- Painting of the two metal doors.

- 12- Installation of docket system for ventilation.
- 13- Painting of the room.
- 14- Cleaning of the site from the remaining of the extra materials of the civil work

Scope of work for one story DG Room with Sunshade

1. Demolition of the two side wall $(8m + 3m) \times 2.4m \times 0.35m = 9.24$ CUM
2. Excavation for the Stone masonry $0.6m \times 0.6m \times 21m = 7.56$ CUM
3. Stone masonry for the foundation with mortar $0.6m \times 0.6m \times 21m = 7.56$ CUM M-300kg/cm² (1:4)
4. RCC ring $0.35m \times 0.35m \times 21 = 2.6$ CUM M-250kg/cm² (1:1:4)
5. RCC foundation for the DG $3.5m \times 7m \times 0.15m = 3.7$ CUM M-250kg/cm² (1:1:4)
6. Brick masonry for the boundary wall $0.35m \times 2.8m \times 16.8m = 16.5$ CUM M-300kg/cm² (1:4)
7. Installation of the two-metal door for the first floor $2.5m \times 2.5m \times 2$
8. Plastering of the DG room from inside for the first floor $(2.8m \times 21m) + (3.5m \times 7m) = 83.3$ SQM M-300kg/cm² (1:4)
9. Plastering of the DG room from outside $2.8m \times 21m = 58.8$ SQM M-300kg/cm² (1:4)
10. Painting of the DG room from outside for the first floor $2.8m \times 14m = 39.2$ SQM
11. Painting of the DG room from inside $(2.8m \times 21m) + (3.5m \times 7m) = 83.3$ SQM
12. Painting of the DG room from $2.8m \times 21m = 58.8$ SQM
13. Painting of the DG room from outside $2.8m \times 14m = 39.2$ SQM
14. Installation of heat isolation for the DG room $21m \times 2.8m = 58.8$ SQM
15. Installation of steel sheet of the DG room $3.5m \times 7m = 24.5$ SQM
16. Installation of two exhaust fans $0.5m \times 0.5m$
17. Electrical work for the DG room for both stories as per the design.
18. Site cleaning from extra materials.

ANNEXURE – B

BILL OF QUANTITIES (BOQ)

S.N	Construction of Complete 25 Meter Tower Site (AFN)	Construction of Complete 30 Meter Tower Site (AFN)	Construction of Complete 35Meter Tower Site (AFN)	Construction of Complete 40 Meter Tower Site (AFN)	Construction of Complete 50 Meter Tower Site (AFN)	Construction of Complete 60 Meter Tower Site (AFN)	Construction of Complete 70 Meter Tower Site (AFN)	Construction of Complete green Field Guyed tower (Without Tower)
Unit Rate per Site in AFs								

Extra Work BoQ:

S.N	Items	Uo M	Kabul RGN Unit Price (AFN)	Kandahar RGN Unit Price (AFN)	Herat RGN Unit Price (AFN)	Mazar RGN Unit Price (AFN)
1	Access Road Normal width 4m	ML				
2	Access Road Rocky width 4m	ML				
3	Demolition + transportation	M3				
4	Leveling (cutting + filling)	M2				
5	excavation in Normal Land	M3				
6	excavation in Rocky Land	M3				
7	Stone Masonry Include all Requirement M-300kg/cm ² (1:4)	M3				
8	Bricks Masonry M-300kg/cm ² (1:4)	M3				
9	PCC Concrete include all Requirement M-150kg/cm ² (1:2:4)	M3				
10	RCC Concrete include all Requirement M-250kg/cm ² (1:1:2)	M3				
11	Fencing Wall (by wiring nut) with Accessories (Galvanize steel 2-inch pipe t=2mm with site Door fence wire t=3mm) Net size (5x5) cm as per the design.	M2				
12	Plastering M-300kg/cm ² (1:4)	M2				
13	wooden Guard Room (Two face with heat isolation)	No's				
14	Steel Main Gate of Site (3m*2.4m) Supply and Installation Profile-made	PCS				
15	Wooden Door for the site 0.90m*2.17m supply and installation	PCS				
16	wooden window for the guard room 0.9m*1m	PCS				
17	100% Emulation paint for the Boundary Wall and Main gate	M2				
18	GI pipe 1.5" installation and the Razor Wire D=40cm supply and installation, the spacing should not be less than 10cm	M				
19	supply and installation of electrical system for guard room	Set				

20	supply and installation of electrical system for projector light	Set				
21	supply and installation of the sunshade	M2				
22	Graveling	M3				
23	Back Filling with compaction 97%	M3				
24	25m tower Erection + Painting	PCS				
25	30m tower Erection + Painting	PCS				
26	35m tower Erection + Painting	PCS				
27	40m tower Erection + Painting	PCS				
28	45m tower Erection + Painting	PCS				
29	50m tower Erection + Painting	PCS				
30	60m tower Erection + Painting	PCS				
31	70m tower Erection + Painting	PCS				
33	Tower Dismantling	PCS				
34	Air condition 24000BTU supply (Samsung)	Set				
35	Air condition 24000BTU remove and installation (Samsung)	Set				
36	Air condition 50000BTU supply (Samsung)	Set				
37	Air condition 50000BTU removal and installation (Samsung)	Set				
38	Tower Painting 3 Coats	PCS				
39	Site ID Card Installation	PCS				
40	Pole Supply and installation 1x3m	Set				
41	pole supply and installation 4 inch x4 meter T=5mm	Set				
42	pole supply and installation 4 inch x5 meter T=5mm	Set				
43	pole supply and installation 4 inch x6 meter T=5mm	Set				
44	pole supply and installation 4 inch x8 meter T=6mm	Set				
45	pole supply and installation 4 inch x10 meter T=7mm	Set				
46	pole supply and installation 4 inch x12 meter T=7mm	Set				
47	supply and installation of guide tower/meter included all accessories, Angle	Meter				

	Iron (80x80x8 and 30x30x3) mm					
48	water proof system for guard room (ISOGAM)	M2				
49	steel sheet wall for roof top site including poles 20 gage	M2				
50	construction of conics container with sandwich panel	M2				
51	Metal frame structure for room I-Beam, Box...	M2				
52	aviation light supply & installation with supporter, 10m flexible PVC and cable ties steel made	Set				
54	aviation light supply with supporter	Set				
55	Installation of wooden guard room/transportation	Set				
56	construction of complete guard room (2.75x2.25x2.5)m as per design	M2				
57	Gypsum board partition	M2				
58	glass partition/M2x8mm	M2				
59	aluminum partition	M2				
60	PVC partition	M2				
61	fall ceiling/PVC including light system	M2				
62	fall ceiling / gypsum including light system	M2				
63	wooden partition /LASANI/PALAVIT	M2				
64	Ceramic for the floor with mortar	M2				
65	MOZAIKE (couple stone) with mortar	M2				
66	Cable duct / 2 inch	M				
67	Oil painting	M2				
68	Construction of wall/blocks made	M2				
69	indoor cable tray (fall cable tray)	M				
70	indoor cable tray (floor cable tray)	M				
71	smoke alarm system in the container	Set				
72	fire alarm system in the container	Set				
73	DC power box supply 500Amp	PCS				

74	DC power box installation	Set				
75	AC power box supply 500Amp	PCS				
76	AC power box installation	Set				
77	Repairing of the guard room door	Set				
78	Repairing of the steel main gate	Set				
79	Supply of projector light	Set				
80	projector light installation	PCS				
81	pole painting 3 coats	PCS				
82	iron frame supply and installation (I-Beam)	M				
83	installation of the grounding system	Lump Sum				
84	DG room with heat prove system and steel sheet (roof is steel sheet) as per scope of work	Nos				
85	Toilet for site includes septic well 48m ³ , toilet RCC slab M-250, brick masonry M-300, wooden door, and Ceramics, metal water tank with its pipe system and glass wool	Lump Sum				
86	site Dismantling with loading to the car dismantling	PCS				
87	DC projector light supply and installation	M				
88	water trench installation for guard room	M3				
89	Cutting	site				
90	Repairing of the sunshade	M2				
91	Supply of Duct for the DG room + installation	Nos				
92	Supply of Exhaust Fan for the DG room + installation	M				
93	Climbing ladder with safety facility installation	PCS				
94	Door locks, knobs and hangs + installation	Unit				
95	Roof-Top Construction (includes 6m Pole Supply)	Set				
	installation and supply of the grounding system for a site	Set				
96	projector light supply (including power cable switch etc)	Set				

97	Installation of projector light (including power cable switch etc)	set				
98	Aviation light supply (including supporter, PVC and power cable)	set				
99	Aviation light installation (including supporter, PVC and power cable)	set				
100	Glass wool supply (5 cm)	M2				
101	Glass wool supply (10 CM)	M2				
102	glass wool installation/transportation	Lump Sum				
103	Double floor DG room (as per scope of work)	Lump Sum				
104	one floor DG room (as per scope of work)	Lump Sum				
105	equipment room (as per scope of work)	Lump Sum				
106	Mobile Trailer/Tower Installation & Erection, Brick Boundary Wall, Brick Guard Room, DG Slab & Sun-Shade	Lump Sum				
107	Mobile Trailer/Tower Installation & Erection, Fence Boundary, Wooden Guard Room, DG Slab & Sun-Shade	Lump Sum				
107	Pole Installation	M				
108	Supply of Anchor bolt for ZTE towers	set				
109	Supply of Anchor bolt for PT towers	set				
110	Supply of Anchor bolt for CAPI towers	set				
111	Anchor bolt for guide towers Supply	set				
112	Supply of Anchor bolt for pole (rooftop sites)	set				
113	Supply of ZTE tower template	set				
114	Supply of PT tower template	set				
115	Supply of CAPI tower template	set				
116	Supply of Tension cable for the guide tower (12mm)	M				
117	Installation Tension cable for the guide tower supply 12mm	M				
118	Dismantling of pole/ transportation to WH	M				

119	Dismantling fo guide tower/transportation to WH	M				
120	Guide tower painting 3 Coats	M				
121	Pole painting 3 Coats	M				
122	supply and installation of sand bag	bag				
123	Air condition 12000BTU Supply (Samsung)	unit				
124	PVC pipe with aluminum	M				
125	PVC pipe without aluminum	M				
	Box Culvert (3.5*1*0.3)m/Concrete slab with 250 mark concrete with 60 steel bars	sqm				
	Guide tower installation	M				
	Guide tower repairing with angle Iron	M				
	Tower modification (Heavy tower)	M				
	Tower modification (guyed tower)	M				
	Exhaust fan	Pcs				
	Mobile tower Removal	site				
	Tighten of tension cable	site				
	Supply of Nut and bolts	kg				
	Supply & installation of Nut and bolts	kg				
	Installation of Nut and bolts	kg				
	Supply and installation Raise Floor	sqm				
	Supply Raise Floor	sqm				
	installation Raise Floor	sqm				
	Supply and installation of Glass	sqm				
	Supply of Glass	sqm				
	Installation of Glass	sqm				
	Supply and installation of LED light	pcs				
	Installation of LED light	pcs				
	Supply of LED light	pcs				
	Galvanizing steel pipe	m				

	GSM supporter fixture with U bolt	pcs				
	Ground manhole with grounding materials as per design	unit				
	Wooden partition	sqm				
	RCC demolition	cum				
	Supply and installation Air conditioner 9000 BTU	unit				
	Installation Air conditioner 9000 BTU	unit				
	Supply Air conditioner 9000 BTU	unit				
	Supply and installation Air conditioner 12000 BTU	unit				
	Installation Air conditioner 12000 BTU	unit				
	Supply Air conditioner 12000 BTU	unit				
	Supply and installation Air conditioner 24000 BTU	unit				
	Installation Air conditioner 24000 BTU	unit				
	Supply Air conditioner 24000 BTU	unit				
	Tower nuts and bolts tightening	site				
	Iron frame modification	sqm				
	GI Pipe supply(as per Etisalat requirement)	pcs				
	GI Pipe installation (as per Etisalat requirement)	pcs				
	GI Pipe supply and installation (as per Etisalat requirement)	pcs				
	Razor wire supply and installation(without GI pipe)	M				
	Razor wire supply (without GI pipe)	M				
	Razor wire installation(without GI pipe)	M				
	Container installation(6 feet)	unit				
	Container installation(12 feet)	unit				
	Heavy tower extension	M				
	Guyed tower extension	M				
	Pole extension	M				
	Supply of projector light blub	Pcs				
	Installation of projector light blub	Pcs				

	Supply and installation of projector light blub	Pcs				
	Supply and installation of Mounting for DG	Pcs				
	Supply of Mounting for DG	Pcs				
	Installation of projector light blub	Pcs				
	Solar Panel installation/transportation (250W)	Pcs				
	Solar panel supply(250W)	Pcs				
	Solar Panel supply and installation(250W)	Pcs				
	Solar Panel installation/transportation (400W)	Pcs				
	Solar panel supply(400W)	Pcs				
	Solar Panel supply and installation (400W)	Pcs				
	Solar Panel installation/transportation (300W)	Pcs				
	Solar panel supply(300W)	Pcs				
	Solar Panel supply and installation (300W)	Pcs				
	Solar Panel installation/transportation (350W)	Pcs				
	Solar panel supply(350W)	Pcs				
	Solar Panel supply and installation (350)	Pcs				
	Solar Panel installation/transportation (300W)	Pcs				
	Solar panel supply(300W)	Pcs				
	Solar Panel supply and installation (300W)	Pcs				
	Solar Panel installation/transportation100w	Pcs				
	Solar panel supply(100W)					
	Solar Panel supply and installation (100W)	Pcs				
	Solar Panel installation/transportation (150W)	Pcs				
	Solar panel supply(150W)	Pcs				
	Solar Panel supply and installation (150W)	Pcs				
	Solar Panel frame supply and installation	Sqm				
	Solar Panel frame Supply	Sqm				
	Solar panel frame installation	Sqm				

Extra Work (Repairing) BoQ:

S.N	Items	UoM	Kabul RGN Unit Price (AFN)	Kandahar RGN Unit Price (AFN)	Herat RGN Unit Price (AFN)	Mazar RGN Unit Price (AFN)
1	Access Road Normal Repairing	lm				
2	Stone Masonry Repairing	cum				
3	Bricks Masonry Repairing	cum				
4	PCC Concrete Repairing M-150kg/cm ²	cum				
5	RCC Concrete Repairing M-250kg/cm ²	cum				
6	Fencing Wall (by wiring nut) with Accessories Repairing	sqm				
8	Plastering Repairing	sqm				
9	wooden Guard Room (Two face with heat isolation) Repairing	pcs				
10	Steel Main Gate of Site (3m*2.4m) Profile-made Repairing	pcs				
11	Wooden Door for the site 0.90m*2.17m Repairing	pcs				
12	wooden window for the guard room 0.9m*1m Repairing	pcs				
13	electrical system for guard room Repairing	lsm				
14	Repairing of electrical system for projector light	lsm				
15	Repairing of the sunshade	sqm				
16	25m tower Painting	m				
17	30m tower Painting	m				
18	35m tower Painting	m				
19	40m tower Painting	m				
20	45m tower Painting	m				
21	50m tower Painting	m				

22	60m tower Painting	m				
23	70m tower Painting	m				
24	Air condition 12000BTU Repairing	unit				
25	Air condition 24000BTU Repairing	unit				
26	Air condition 50000BTU Repairing	unit				
27	Tower Painting 3 Coats	unit				
28	Pole 1x3m Repairing	m				
29	pole 4 inch x4 meter Repairing	m				
30	pole 4 inch x5 meter Repairing	m				
31	pole 4 inch x6 meter Repairing	m				
33	pole 4 inch x8 meter Repairing	m				
34	pole 4 inch x10 meter Repairing	m				
35	pole 4 inch x12 meter Repairing	m				
36	Repairing of guide tower/meter included all accessories	m				
37	water proof system for guard room (ISOGAM) Repairing	sqm				
38	steel sheet wall for roof top site including poles	sqm				
39	construction of conics container with sandwich panel Repairing	unit				
40	Metal frame structure for room Repairing	sqm				
41	aviation light Repairing, 10m flexible PVC and cable ties steel made	pcs				
42	aviation light supply with supporter Repairing	lsm				
43	Repairing of wooden guard room	pcs				
44	Gypsum board partition Repairing	sqm				
45	glass partition/M2x8mm Repairing	sqm				
46	aluminum partition Repairing	sqm				
47	PVC partition Repairing	sqm				
48	fall ceiling/PVC including light system Repairing	sqm				

49	fall ceiling / gypsum including light system Repairing	sqm				
50	wooden partition /LASANI/PALAVIT Repairing	sqm				
51	Ceramic for the floor replacement	sqm				
52	MOZAIKE (couple stone) replacement	sqm				
54	Cable duct / 2 inch Repairing	m				
55	Construction of wall/blocks made Repairing	cum				
56	indoor cable tray (fall cable tray) Repairing	m				
57	indoor cable tray (floor cable tray) Repairing	m				
58	smoke alarm system in the container Repairing	pcs				
59	fire alarm system in the container Repairing	pcs				
60	DC power box Repairing 500Amp	unit				
61	AC power box Repairing 500Amp	unit				
64	Repairing of the projector light	pcs				
65	projector light Repairing	pcs				
66	pole painting 3 coats	m				
67	iron frame Repairing	sqm				
68	Repairing of the grounding system for the pole in meter	unit				
69	DG room with heat prove system and steel sheet (roof is steel shee) as per scope of work Repairing	lsm				
70	DC projector light Repairing	pcs				
71	water trench installation for guard room Repairing	m				
72	Repairing of the Duct for the DG room	m				
73	Repairing of the Exhaust Fan for the DG room	unit				
74	Climbing ladder with safety facility Repairing	m				
75	Door locks, knobs and hangs Repairing	site				
76	Repairing of the grounding system for a site	site				

77	projector light Repairing (including power cable switch etc)	pcs				
78	Aviation light Repairing (including supporter, PVC and power cable)	pcs				
79	glass wool Repairing	sqm				
80	equipment room (as per scope of work) Repairing	site				
81	Mobile Trailer/Tower Repairing & Erection, Brick Boundary Wall, Brick Guard Room, DG Slab & Sun-Shade	unit				
82	Repairing of the Tension cable for the guide tower 12mm	m				
83	Guide tower painting 3 Coats	m				
84	Pole painting 3 Coats	m				
85	Repairing of the sand bag	bag				
86	Repairing of the cable tray	m				
87	Repairing of the indoor cable tray	m				
88	Repairing of the Grounding rod	pcs				
89	Grounding system Repairing for rooftop site including grounding cable 50 SQM + 1PCS 1.5m 100SQMM grounding rod + 1 PCS 2.5m 100SQMM grounding rod	site				
90	Repairing of the projector light (German or Turkish Brand) if more than one site than 80% will be added per each site	unit				
91	Repairing of the GSM supporter 3m and 3inch	pcs				
92	Repairing of the Aviation light supply (original quality -48V)	unit				
93	Repairing of the 3000 liter fuel tank	pcs				
94	water proofing	sqm				
95	Repairing of the ACDB box	unit				
	Grounding cable 16mm replacement	m				
96	replacement of fuel pipe	pcs				
97	replacement fuel tank valve	pcs				
98	Clift replacement	pcs				

99	Survey of a site	site				
100	25m tower dismantling	m				
101	30m tower dismantling	m				
102	35m tower dismantling	m				
103	40m tower dismantling	m				
104	45m tower dismantling	m				
105	50m tower dismantling	m				
106	60m tower dismantling	m				
107	70m tower dismantling	m				
107	Tower sorting	m				
	Raise floor repairing	sqm				
	Raise floor frame repairing	sqm				
	Air conditioner repairing	unit				

Transportation of Civil Works:

S. N	From	To	10 Feet truck Unit Prices AFN	20 Feet Truck Unit Prices AFN	40 Feet Truck Unit Prices AFN	Crane 10 Ton Unit Price in AFN	Crane 20 Ton Unit Price in AFN
1	Kabul	Parwan, Charikar					
2	Kabul	Kapisa					
3	Kabul	Punjshir					
4	Kabul	Baghlan					
5	Kabul	Qondozi					
6	Kabul	Takhar					
7	Kabul	Badakhshan					

8	Kabul	Samangan					
9	Kabul	Mazari Sharif					
10	Kabul	Jawzjan					
11	Kabul	Sari pol					
12	Kabul	Maimana (Faryab)					
13	Kabul	Bamiyan					
14	Kabul	Herat					
15	Kabul	Niam roz					
16	Kabul	Jalalabad					
17	Kabul	Laghman					
18	Kabul	Logar					
19	Kabul	Gardez (Paktia)					
20	Kabul	Khost					
21	Kabul	Gazni					
22	Kabul	Qalat (Zabul)					
23	Kabul	Kandahar					
24	Kabul	Helmand					
25	Kabul	Konar					
26	Kabul	Farah					
27	Kabul	Dikondi					
28	Kabul	Ghore					
29	Kabul	Noristan					
30	Kabul	Badghis					
31	Kabul	Paktika					
32	Kabul	Wardak					
33	Kabul	Orozgan					

34	Kabul	Kabul					
35	Same Province	Same Province					
36	Kandahar	Helmand					
37	Kandahar	Niam roz					
38	Kandahar	Zabul					
39	Kandahar	Urozgan					
40	Kandahar	Ghazni					
41	Kandahar	Herat					
42	Kandahar	Farah					
43	Kandahar	Badghis					
44	Kandahar	Ghor					
45	Herat	Farah					
46	Herat	Badghis					
47	Herat	Ghor					
48	Mazar	Fariab					
49	Mazar	Juzjan					
50	Mazar	Sar pol					
51	Mazar	Samangan					
52	Mazar	Baghlan					
53	Mazar	Takhar					

54	Mazar	Badakhshan					
55	Mazar	Kunduz					
56	Kunduz	Baghlan					
57	Kunduz	Takhar					
58	Kunduz	Badakhshan					

Region details:

S#	Provinces
Kabul Region	
1	Kabul
2	Nengarhar
3	Kunar
4	Laghman
5	Kapisa
6	Parwan
7	Panjsher
Kandahar Region	
8	Kandahar
9	Helmand
10	Nimroz
11	Zabul
12	Urozgan
13	Ghazni
14	Paktia
15	Paktika
16	Khost
17	Wardak
18	Noristan
19	Logar
Heart Region	
20	Heart
21	Farah
22	Ghor
23	Badghis
Mazar Region	
24	Mazar

25	Fariab
26	Saripol
27	Samangan
28	Baghlan
29	Kunduz
30	Takhar
31	Badkhsan
32	Juzjan
33	Bamian
34	Daikondi

RFP General Terms Compliance to be filled by Bidder

S/N	Clause No. and General Terms	Comply (Yes/No)	Remarks
1	3. VALIDITY OF OFFERS:		
2	4. CURRENCY		
3	5. ACCEPTANCE OF OFFERS:		
4	6. REGISTRATION/LEGAL DOCUMENTS OF THE BIDDER		
5	7. PAYMENTS		
6	8. PENALTY:		
7	9. LOCAL TAXES, DUES AND LEVIES:		
8	10. CONSTRUCTION OF CONTRACT:		
9	11. TERMINATION OF THE CONTRACT BY THE PURCHASER:		

The following Information must be submitted with offer:

Bidder Contact Details	
Bidder Name	
Bidder Address	
Bidder Email Address	
Bidder Phone Number	
Bidder Contact Person Name	
Bidder Contact Person Phone No	
Bidder Contact Person Email Address	
Bidder Registration License Number	
License Validity	
TIN Number /Tax Number v2	

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