



ISLAMIC REPUBLIC OF AFGHANISTAN
Independent Directorate of Local Governance (IDLG)

Shopping

REQUEST FOR QUOTATIONS

CONSTRUCTION OF CIVILWORKS

FOR

**SOUTH OF JOE INJIL 1890M ROAD GRAVELLING PROJECT IN
DISTRICT 6 AND QADER ABAD 2407M ROAD GRAVELLING
PROJECT IN DISTRICT 11, HERAT CITY IN TWO LOTS**

SINGLE WORK

Request for Quotation No: AF-IDLG-CIP-208825-CW-RFQ

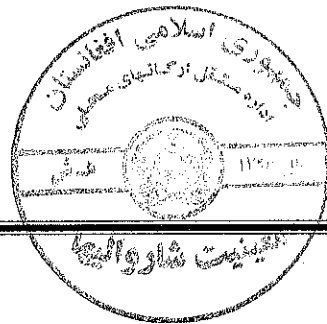
Credit No/Grant No: IDA-D4140, TF-A9089

Issued By

CITIES INVESTMENT PROGRAM (CIP)

Independent Directorate of Local Governance (IDGL)

March-2021



27.

REQUEST FOR QUOTATIONS
FOR CONSTRUCTION OF CIVIL WORKS

Issue Date: 18 March 2021

Dear Sirs,

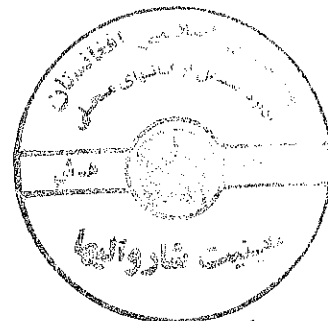
Sub: REQUEST FOR: South of Joe Injil 1890m Road Gravelling Project in District 6 and Qader Abad 2407m Road Gravelling Project in District 11, Herat City in two lots

1. You are invited to submit your most competitive quotation for the following works.

Brief Description of Works	Intended Completion Period from the date of the Contract Agreement
South of Joe Injil 1890m Road Gravelling Project in District 6, Herat City (HRT-CRP-04)	2 Months
Qader Abad 2407m Road Gravelling Project in District 11, Herat City (HRT-CRP-05)	2 Months

2. The Islamic Republic of Afghanistan has received a credit from the International Development Association (IDA) towards the cost of the 35 Million USD Cities Investment Program (CIP) and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this Request for Quotations is issued.
3. The Project is being implemented by **Cities Investment Program (CIP)-IDLG** of the Islamic Republic of Afghanistan.
4. To assist you in the preparation of your quotation, we are enclosing the following:
- Instructions to Bidders;
 - Detailed Bill of Quantities;
 - Contract Agreement format;
 - Specification and Drawings of the works.
5. Your quotation using the attached Form should be submitted duly sealed in an envelope and addressed to & delivered at the following address:

Cities Investment Program (CIP)
Deputy Ministry of Municipality (DMM)
Mohammad Rafiq Aminzoy
Procurement Specialist
Email: aminzoy.cip@gmail.com
Mob: +93785814620
Website: www.dmm.gov.af



6. The quotation submitted by the bidder shall comprise the following:
 - (i) Quotation using the Form given in Section 2;
 - (ii) Bill of Quantities given in Section 2, duly priced and signed; and
 - (iii) Qualification Information Form given in Section 2 duly completed.
7. The deadline for receipt of the quotations by the Employer at the address stipulated in Para 5 above is ~~30/3/2021~~ hours on 1:30 AM
8. We look forward to receiving your quotations and thank you for your interest in this project.

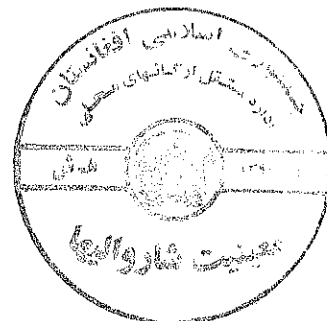
Yours sincerely,

(Employer)

Mohammad Rafiq Aminzoy
Procurement Specialist
Email: aminzoy.cip@gmail.com
Mob: +93785814620

Copy to:

Shafiqullah_jamalyar@yahoo.com
cenajeeb786@yahoo.com
nimat.pp@hotmail.com



SECTION 1

Instructions to Bidders

Scope of Works

The Cities Investment Program (CIP)-IDLG of the Islamic Republic of Afghanistan (hereinafter referred to as the "Employer") invites quotations for the construction of works as detailed in the table below.

Brief Description of Works	Intended Completion Period from the date of the Contract Agreement
South of Joe Injil 1890m Road Gravelling Project in District 6, Herat City (HRT-CRP-04)	2 Months
Qader Abad 2407m Road Gravelling Project in District 11, Herat City (HRT-CRP-05)	2 Months

The successful Bidder will be expected to complete the works by the Intended Completion Period specified above.

- 1. Qualification Criteria:** To qualify for award of the Contract, the Bidder shall meet following qualifying criteria:
- 2. Bid Security Declaration**

The Bidder shall furnish as part of its RFQ, Bid-Securing Declaration as specified in the ITB clause 3, in original form specified in Annexure 4

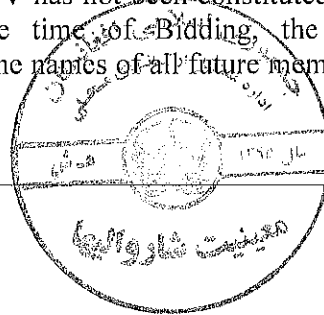
A Bid Securing Declaration shall use the form included in Annexure 4 to Contract form in Request for quotation.

Bid Securing Declaration is specified pursuant to ITB clause 3, any Bid not accompanied by a substantially responsive Bid-Securing Declaration shall be rejected by the Employer as non-responsive.

The Bid Security Declaration executed:

- if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Letter of Bid, or any extension thereto provided by the Bidder; or
- if the successful Bidder fails to:
 - sign the Contract in accordance with clause 10; or
 - furnish a Performance Security in accordance with ITB Annex 3.

The Bid-Securing Declaration of a JV shall be in the name of the JV that submits the Bid. If the JV has not been constituted into a legally enforceable JV, at the time of Bidding, the Bid-Securing Declaration shall be in the names of all future members as named



Handwritten signature and a pen nib.

in the letter of intent mentioned in ITB clause 3.

3. Qualification of the Bidder:

The Bidder shall provide qualification information which shall include the following:

- (a) Bidder must be in business for the last three years;

Brief Description of Works	Bidder must have liquid assets with a minimum value of Afghani
South of Joe Injil 1890m Road Gravelling Project in District 6, Herat City (HRT-CRP-04)	792,000.00
Qader Abad 2407m Road Gravelling Project in District 11, Herat City (HRT-CRP-05)	792,000.00

4. Bid Price

- (a) The quotation shall be for construction of the whole of the works described in the Bill of quantities, drawings and technical specifications. Corrections in the quotation, if any, shall be made by crossing out, initialing, dating and re-writing.
- (b) All duties, taxes and other levies payable by the Contractor under the Contract shall be included in the quoted prices.
- (c) Prices quoted by the bidder shall remain fixed for the duration of the contract and shall not be subject to adjustment on any account.
- (d) Prices for all items of the Bill of Quantities should be quoted in **Afghani** or in case of US Dolor it will be change to Afghani as per the date of RFQ opening from Afghanistan Bank exchange rate.

5. Submission of Quotations

5.1 The Bidder is advised to visit the site of Works at its own expense and obtain all information that may be necessary for preparing the quotation.

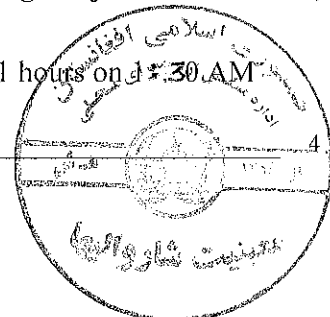
5.2 Each Bidder shall submit only one quotation.

5.3 The quotation submitted by the Bidder shall comprise the following:

- (i) Quotation in the Form given in Section 2;
- (ii) Bill of Quantities given in Section 2, duly priced and signed; and
- (iii) Qualification Information Form given in Section 2 duly completed.

5.4 The Bidder shall seal the quotation in an envelope addressed to the Employer as per address provided in Para 5 of the Letter of Request for Quotation. The envelope shall bear the following identification:

- Quotation for: **South of Joe Injil 1890m Road Gravelling Project in District 6 and Qader Abad 2407m Road Gravelling Project in District 11, Herat City in two lots**
- Quotation submission deadline is up to 30 - 3 -2021 hours on 4:30 AM



5.5 Quotations must be received in the Employer's office not later than the deadline stipulated in the Letter of Request for Quotation. If the specified date is declared a holiday for the Employer, quotations shall be received at the appointed time on the next working day.

5.6 Any quotation received after the deadline for submission will be rejected and returned unopened to the Bidder.

6. Validity of Quotation

Quotation shall remain valid for a period not less than 60 days after the deadline specified for submission.

7. Opening of Quotations

Quotations will be opened as per the deadline mentioned in RFQ, Bidders or their representatives who choose to attend are allowed on the date and time and at the place specified in the Letter of Request for Quotation.

8. **Confidentiality:** Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful Bidder is announced.

9. Evaluation of Quotations

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. quotations which

- (a) meet the qualification criteria specified in clause 2 above;
- (b) are properly signed (using the Quotation Form in Section 2) and submitted along with the priced & signed Bill of Quantities; and
- (c) Conform to the terms and conditions, specifications and drawings without material deviations.

9.1 In evaluating the quotations, the Employer will determine for each quotation the evaluated price by adjusting the quoted price by making correction for any arithmetic errors as follows:

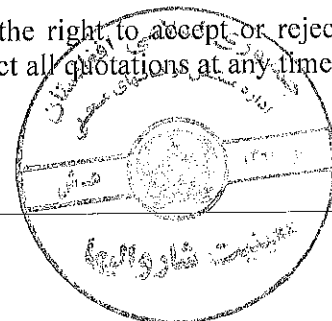
- (a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

9.2 Bidders shall be requested to accept correction of arithmetical errors. Failure to accept the correction shall result in the rejection of the Quotation and the Bidder will be declared ineligible to be awarded a contract by the Employer for a period of two years.

10. Award of contract

The Employer will award the contract to the Bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated price and who meets the specified qualification criteria.

10.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.



10.2 The Bidder whose Quotation is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period. This letter will state the sum (hereinafter and in the Contract called the "Initial Contract Price") that the Employer will pay the Contractor in consideration of the execution and completion of the Works by the Contractor as prescribed by the Contract. The written notification of award will constitute the formation of the Contract.

11. Performance Security

Within 7 days of receiving Notification of Award/Letter of Acceptance, the successful bidder shall deliver to the Employer, Performance Security for an amount and validity specified in Clause 17 of the Conditions of Contract, using the Form included in Section 3, or the Form acceptable to the Employer.

Failure of the successful Bidder to furnish Performance Security and sign the Contract Agreement within the period stipulated shall constitute sufficient grounds for annulment of award and debarring the Bidder from participation in bidding for works by the Employer for a period of two years. In that event the Employer may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Employer to be qualified to perform the Contract satisfactorily or seek quotations afresh.

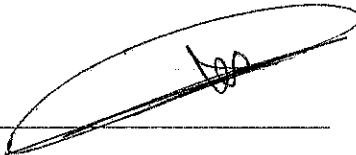
12. General

12.1 Purchase of all construction materials including cement and steel conforming to the specifications shall be the responsibility of the Contractor.

Prepared by:

CIP Procurement Management Unit

Signature: _____



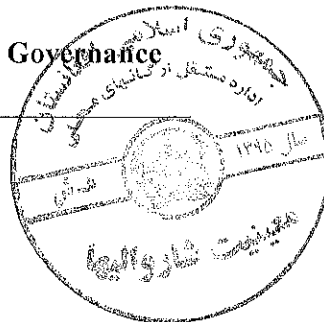
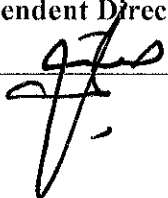
Approved by:

Name: Sibghatullah

Title/Position: Deputy Minister of Municipality

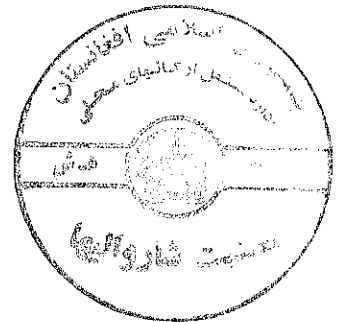
Independent Directorate of Local Governance

Signature: _____



SECTION 2

1. Qualification Information Form
2. Form for Submission of Quotation
3. Bill of Quantities



QUALIFICATION INFORMATION FORM

1 For Individual Bidders

1.1 Principal place of business _____

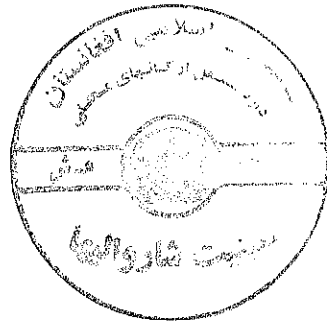
1.5 Working Capital

Bidder shall furnish with its quotation, details of access to financial resources to meet the requirements of working capital: cash in hand, lines of credit, etc. These details may be added here in this Form (or separate sheets be attached) and supporting documents should be enclosed with the quotation.

1.7 Banker's Reference

Bidder shall provide (a) contact details, namely name, address, and telephone number of the Bidder's banker(s) and an (b) authorization to the Employer to seek references from the said bankers, if so desired by the Employer.

.....
.....



QUOTATION

Description of the Works:

To

Subject: Construction of.....

.....

Reference: RFQ No dated from.....

Sir,

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith for a total Contract Price as under:

Afghani _____ [in figures]

Afghani _____ [in words]

We will complete the Works described in the Contract within the Intended Completion Period given in the Contract Data.

We will complete the works as per specification and drawings¹ enclosed with the Request for Quotation without any deviations.

This quotation and your written acceptance thereof shall constitute a binding contract on us. We understand that you are not bound to accept the lowest or any quotation you receive.

We certify that we have not been debarred or suspended from participation in bidding by any Procuring Entity of the Islamic Republic of Afghanistan or by the World Bank.

We hereby confirm that our quotation shall remain valid for acceptance for 60 days from the date of opening.

Yours faithfully,

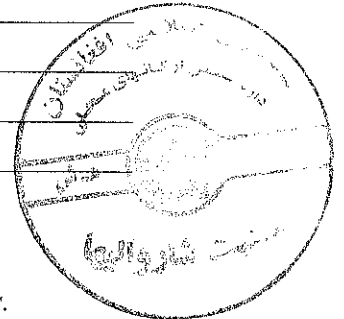
Authorized Signature

Date

Name & Title of Signatory

Name of Bidder

Address

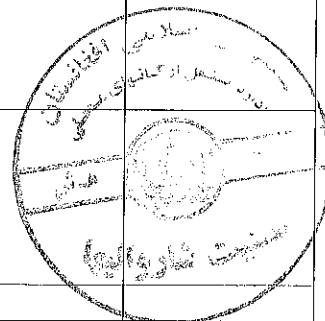


¹ Employer should enclose drawings and specifications governing the works.

BILL OF QUANTITIES (BOQ)
SOUTH OF JEO INJIL CANAL ROAD GRAVELLING PROJECT, DISTRICT 6,
HERAT CITY
(HRT-CRP-04) LENGTH: 1890m

BILL No.	DESCRIPTION	PART	AMOUNT IN WORDS (AFN)
1	GENERAL REQUIREMENTS	A	
2	SITE WORKS AND EARTHWORK	B	
GRAND TOTAL FOR (A+B) IN WORDS INCLUDING TAX			
GRAND TOTAL FOR (A+B) IN FIGURES INCLUDING TAX			

BoQ Item No.	Description of Item	Unit	Quantity	Unit Cost (AFN)	Total Cost (AFN)
A	GENERAL REQUIREMENTS				
A-1	Mobilization: Establishment of contractor's organization, camps, equipment, all personnel including technical staff, cleaning of construction site (i.e. removal of all obstacles and barriers, if any), all costs associated with laboratory tests, onsite accommodation for staff, expenses for adhering to construction and other onsite obligations, risk management costs and all other costs that may arise due to legal aspects of the contract..	LS	1		
A-2	Demobilization: Satisfactory removal of site establishments of contractor's organization, camps, equipment, personnel, laboratory, onsite accommodation facilities, plants and all other obligations that may be required upon completion of the project.	LS	1		
A-3	Provision of all health and Safety equipment for the employees (i.e. PPE and First Aid Kit) and application of Environmental and social guidelines by the contractor (Annex 6). This also includes successful application of all measures required for prevention of COVID19 (i.e. provision of thermometers, separate entry and exit control systems, masks, soap, sanitizers and other required equipment that are mentioned in (Annex 9).	Ea	1		
A-4	Provision and Installation of project sign boards as indicated in the drawings and/or instructed by Municipality/CIP Engineers.	Ea	2		
	Total of A				
B	SITE WORKS & EARTHWORKS				
B-1	Sub-grade preparation of the surface of existing road. This includes cleaning, grading and leveling of sub-grade with all required activities in accordance to the technical specifications and onsite instructions of municipality/CIP engineers. Contractor is responsible to prepare the subgrade with reference to onsite condition of the road by proper cutting, filling, grading, and leveling to the satisfaction of municipality/CIP engineers without claiming additional costs.	Sqm	16254		
B-2	Graveling of the surface including supply and delivery of gravel for wearing course (surface) material as per the given technical specifications with 98% of compaction. This includes, grading, leveling, testing and compaction of supplied material with all required activities. The required thickness of compacted layer should be 15cm.	Cum	2353		
B-3	Side drain excavation with all required activities in	Cum	1701		

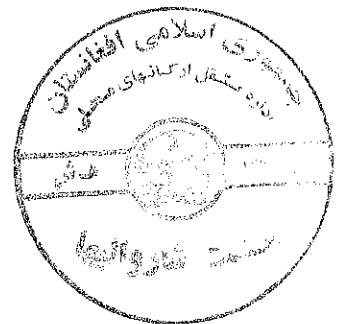


AQ-1

	<p>accordance to technical drawings and instructions of CIP/Municipality engineers. By default, all drains should be provided as per the given drawings, however, in case of unavailability of space, the drains should be adjusted with respect to the site conditions and in accordance to instructions of CIP and Municipality engineers.</p>				
Total of B					
GRAND TOTAL (A+B) IN AFN					

We agree to execute the works in accordance with the approved drawings and Technical Specifications for a total price of Afghani.....(amount in figures) (Afghani..... amount in words).

Signature of Bidder



BILL OF QUANTITIES (BOQ)
QADER ABAD ROAD GRAVELLING PROJECT, DISTRICT 11, HERAT CITY
(HRT-CRP-05) LENGTH: 2407m

BILL No.	DESCRIPTION	PART	AMOUNT IN WORDS (AFN)
1	GENERAL REQUIREMENTS	A	
2	SITE WORKS AND EARTHWORK	B	
GRAND TOTAL FOR (A+B) IN WORDS INCLUDING TAX			
GRAND TOTAL FOR (A+B) IN FIGURES INCLUDING TAX			

BoQ Item No.	Description of Item	Unit	Quantity	Unit Cost (AFN)	Total Cost (AFN)
A	GENERAL REQUIREMENTS				
A-1	Mobilization: Establishment of contractor's organization, camps, equipment, all personnel including technical staff, cleaning of construction site (i.e. removal of all obstacles and barriers, if any), all costs associated with laboratory tests, onsite accommodation for staff, expenses for adhering to construction and other onsite obligations, risk management costs and all other costs that may arise due to legal aspects of the contract..	LS	1		
A-2	Demobilization: Satisfactory removal of site establishments of contractor's organization, camps, equipment, personnel, laboratory, onsite accommodation facilities, plants and all other obligations that may be required upon completion of the project.	LS	1		
A-3	Provision of all health and Safety equipment for the employees (i.e. PPE and First Aid Kit) and application of Environmental and social guidelines by the contractor (Annex 6). This also includes successful application of all measures required for prevention of COVID19 (i.e. provision of thermometers, separate entry and exit control systems, masks, soap, sanitizers and other required equipment that are mentioned in (Annex 9).	Ea	1		
A-4	Provision and Installation of project sign boards as indicated in the drawings and/or instructed by Municipality/CIP Engineers.	Ea	2		
Total of A					
B	SITE WORKS & EARTHWORKS				
B-1	Sub-grade preparation of the surface of existing road. This includes cleaning, grading and leveling of sub-grade with all required activities in accordance to the technical specifications and onsite instructions of municipality/CIP engineers. Contractor is responsible to prepare the subgrade with reference to onsite condition of the road by proper cutting, filling, grading, and leveling to the satisfaction of municipality/CIP engineers without claiming additional costs.	Sqm	18293.2		
B-2	Graveling of the surface including supply and delivery of gravel for wearing course (surface) material as per the given technical specifications with 98% of compaction. This includes, grading, leveling, testing and compaction of supplied material with all required activities. The required thickness of compacted layer should be 15cm.	Cum	2635.6		
B-3	Side drain excavation with all required activities in accordance to technical drawings and instructions of	Cum	2166		



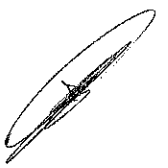
A7.

	CIP/Municipality engineers. By default, all drains should be provided as per the given drawings, however, in case of unavailability of space, the drains should be adjusted with respect to the site conditions and in accordance to instructions of CIP and Municipality engineers.				
Total of B					
GRAND TOTAL (A+B) IN AFN					

We agree to execute the works in accordance with the approved drawings and Technical Specifications for a total price of Afghani.....(amount in figures) (Afghani..... amount in words).

Signature of Bidder



A.T. 

SECTION 3

1. Notification of Award/Letter of Acceptance
2. Contract Agreement Form
3. Priced Bill of Quantities
4. Drawings and Specifications
5. Performance Security (Bank Guarantee) Form



NOTIFICATION OF AWARD
Letter of Acceptance
&
NOTICE TO PROCEED WITH THE WORK
[On Letter head of the Employer]

Dated: _____

To *[Name and address of the selected Bidder]*

Subject: Notification of Award - Contract No.....

Dear Sirs,

This is to notify you that your Quotation dated _____ for execution of the _____ for the contract price of **Afghani** _____ *[amount in words and figures]*, is hereby accepted by us.

You are hereby requested to furnish Performance Security for an amount of Afghani _____ (equivalent to 5% of the contract price) within 15 days of the receipt of the letter, which shall be in the form of Bank guarantee or a Bank draft in favour of.....(Employer). The Performance Security shall be valid until 30 days beyond the completion of Contract obligations including correction of defects during Defects Liability Period, i.e. up to _____. Failure to furnish the Performance Security shall constitute sufficient grounds for annulment of award.

You are also requested to sign the Contract Agreement form and proceed with the work not later than _____ under the instructions of the Project Supervisor, _____ and ensure its completion within the Intended Completion Period.

With the issuance of this acceptance letter, Contract for the above said work stands concluded.

Yours faithfully,

Authorized Signature
Name and title of Signatory



CONTRACT AGREEMENT FORM



ISLAMIC REPUBLIC OF AFGHANISTAN
Independent Directorate of Local Governance (IDLG)
Deputy Ministry of Municipality
Cities Investment Program (CIP)

Project Name: South of Joe Injil 1890m Road Gravelling Project in District 6 and Qader Abad 2407m Road Gravelling Project in District 11, Herat City in Two lots

Credit Number: IDA-D4140, TF-A9089

CONTRACT AGREEMENT

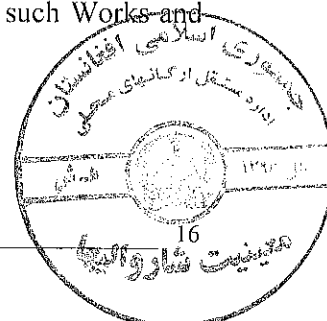
CONTRACT DATA

SN	Item	Contract Data
1	Contract Number and description	
2	Contract Date	
3	Name and Address of the Employer	
4	Name and Address of the Contractor	
5	Description of Work	
6	Site Location	
7	Contract Price: in Figures in Words	
8	Contractor's Bank Account details	
9	Intended Completion Period/ Date	

This Agreement, made on the date **specified in the contract data** by and between the Employer **stated in the contract data** hereinafter called "the Employer" of the first Part and Contractor **stated in the contract data** hereinafter called "the Contractor" of the second Part.

Whereas the Employer is desirous that the Contractor shall execute the Contract **as stated in the Contract Data** hereinafter called "the Works" and the Employer has accepted the Quotation submitted by the Contractor for the execution and completion of such Works and remedying of any defects noticed therein during the Defects Liability Period.

Now this Agreement witnesseth as follows:



1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity with the provisions of the Contract in all respects.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects the Contract Price or such other sums as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The Contract shall be governed by the Conditions of Contract stipulated herein.

CONDITIONS OF CONTRACT

1. Definitions

1.1 Boldface type is used to identify the defined terms.

(a) **Bill of Quantities** specifies Employer's estimate of quantity for each item of work and also the priced and completed Bill of Quantity.

(b) **Activity Schedule** -

(c) **The Completion Date** is the date of completion of the Works as certified by the Project Supervisor by issuing the Certificate of Completion of Works.

(d) **The Contract** is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works as specified in the specifications or in other sections of the Contract. The identification number with description of the Contract is given in the Contract Data.

(e) **The Contractor** is a person or corporate body whose quotation to carry out the Works has been accepted by the Employer.

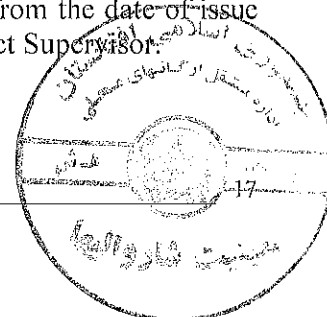
(f) **The Contractor's Priced Quotation** is the completed document (Request for Quotation together with attachments) submitted by the Contractor to the Employer.

(g) **The Contract Price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

(h) **Days** are calendar days; **months** are calendar months.

(i) **A Defect** is any part of the Works not completed in accordance with the Contract.

(j) **The Defects Liability Period** is Three (3) months counted from the date of issue of Certificate of Completion of Works by the Employer/Project Supervisor.



- (k) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (l) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (m) **Project Supervisor** is the person appointed by the Employer and who is responsible for supervising the execution of the Works and administering the Contract.
- (n) **Intended Completion Period/Date** is the Period/date on which it is required that the Contractor shall complete the Works. The Intended Completion Period/Date is **as per contract data**. The Intended Completion Period/Date may be revised only by the Employer by issuing an extension time or an acceleration order in writing.
- (o) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.
- (p) **The Site** is at as per contract data.
- (q) **The Start Date** is 7 days from issue of notification of award. It is the latest date when the Contractor shall commence the execution of the Works.
- (r) **The Variation** is an instruction given by the Employer/Project Supervisor which varies the scope of the original Work requirements.
- (s) **The Employer** is as per contract data.

2. **Language and Law**

- 2.1 The Contract shall be in the English. The law governing the Contract shall be the applicable law(s) of the Islamic Republic of Afghanistan.

3. **Communications**

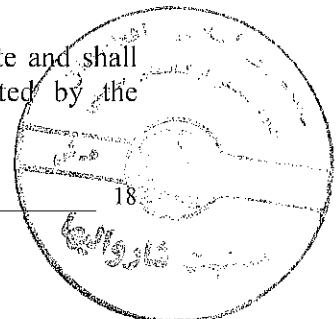
- 3.1 Communications between parties that are referred to in these Conditions shall be effective only when made in writing. A notice shall be effective only when it is delivered.

4. **Contractor's Risks**

- 4.1 From the Starting Date until the Project Supervisor has, after satisfactory completion of the obligations of the Defects Liability Period, issued a Certificate for the completion of correction of any Defects, the risks of personal injury, death, and loss or damage to property and adjacent property (including, without limitation, the Works, materials and equipment) shall be the Contractor's risks.

5. **Works to be completed by the Intended Completion Period/Date**

- 5.1 The Contractor shall commence execution of the Works on the Start Date and shall carry out the Works in accordance with the work schedule submitted by the



Contractor, as updated with the approval of the Project Supervisor, and complete them by the Intended Completion Period/Date.

5.2 If any of the compensation events mentioned below would prevent the work being completed by the Intended Completion Period/Date, the Employer will decide on the Intended Completion Period/Date being extended by a suitable period:

- a) The Employer does not give access to the site or a part thereof by the agreed period.
- b) The Project Supervisor orders a delay or does not issue complete drawings, specifications or instructions for execution of the Works on time.
- c) Ground conditions are substantially more adverse than could reasonably have been assumed before issue of Letter of Acceptance and from information provided to Contractor or from visual inspection of the site.
- d) Payments due to the Contractor are delayed without any reason.

6. Safety

6.1 The Contractor shall be responsible for the safety of all activities on the Site. The Contractor is required to strictly consider the COVID -19 measures and Supply and delivery of PPE to cover the need for health and safety and Covid-19 measures with all required activities in accordance to Annex 6 and 9 documents. Contractor is responsible to provide the first aid Box including temperature measuring thermometer, mask, soap, sanitizer and other needed equipment for protection from Covid-19 including water arrangement for washing hands with soap, default in providing mentioned measures/ instrument will result deduction of payment from contractor.

7. Extension of the Completion Date

7.1 The Project Supervisor shall extend the Intended Completion Date if a Variation is issued which makes it impossible for completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which could cause the Contractor to incur additional cost.

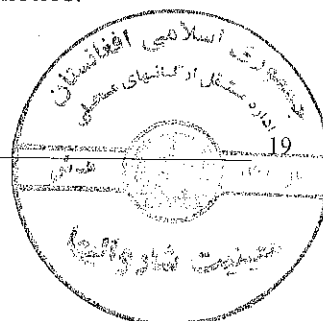
8. Delays ordered by the Project Supervisor

8.1 The Project Supervisor may instruct the Contractor to delay the start or progress of any activity within the Works. Delays or suspension of work by the Project Supervisor which increases the Contractor's costs shall be subject to equitable adjustment by the Employer.

9. Correction of Defects

9.1 The Project Supervisor shall give notice to the Contractor of any Defects before the end of the Defects Liability Period. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

9.2 Whenever notice of a Defect is given the Contractor shall rectify the notified Defect within the length of time specified in the Project Supervisor's notice.



9.3 If the Contractor has not corrected a Defect within the time specified in the Project Supervisor's notice, the Project Supervisor will assess the cost of having the Defect corrected, and the Contractor will pay this amount, or the Employer shall recover the amount by deduction from the amounts due to the Contractor.

10. Program

10.1 Within seven (7) days of the written notification of award, the Contractor shall submit to the Project Supervisor for approval a Program showing the general methods, arrangements, and timing for all activities of the Works. The Project Supervisor's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Supervisor again at any time. A revised Program will show the effect of Variations.

11. Bill of Quantities

11.1 The Bill of Quantities shall contain items for the Works to be performed by the Contractor.

11.2 The Priced Bill of Quantities submitted with the Contractor's quotation which forms part of the Contract is used to calculate the Contract Price. The Contractor will be paid for the works accomplished at the rate in the Bill of Quantities for each item.

11.3 Items for which no rate or price is entered in the in the Bill of Quantities shall not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

12. Changes in the Contract Price

12.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Supervisor shall adjust the rate to allow for the change.

12.2 The Project Supervisor shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Employer.

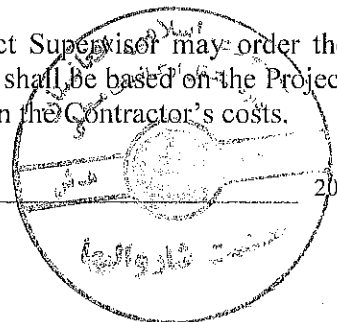
12.3 If requested by the Project Supervisor, the Contractor shall provide the Project Supervisor with a detailed cost breakdown of any rate in the Bill of Quantities.

13. Variations

13.1 All Variations shall be included in updated Programs submitted by the Contractor.

13.1 The Contractor shall provide the Project Supervisor with a quotation for carrying out the Variation when requested to do so by the Project Supervisor. The Project Supervisor shall assess the quotation, which shall be given within seven days of the request or within any longer period stated by the Project Supervisor and before the Variation is ordered.

13.2 If the Contractor's quotation is unreasonable, the Project Supervisor may order the Variation and make a change to the Contract Price, which shall be based on the Project Supervisor's own forecast of the effects of the Variation on the Contractor's costs.



13.3 If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of the Project Supervisor, the quantity of work above the limit stated in Sub-Clause 12.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.

13.4 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

14. **Payment Certificate**

14.1 The Contractor shall submit to the Project Supervisor monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

14.2 The Project Supervisor shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

14.3 The value of work executed shall be determined by the Project Supervisor. The value of work executed shall comprise the value of the completed quantities of the items in the Bill of Quantities. The value of work executed shall include the valuation of Variations. The Project Supervisor may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

15. **Payments**

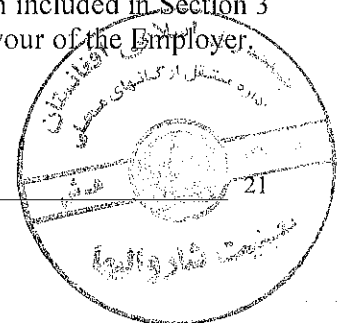
15.1 The Employer shall pay the Contractor the amounts certified by the Project Supervisor within thirty (30) days of the date of each certificate. If the Employer delays the payment the Contractor shall be entitled to be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made, up to the date when the late payment is made, at the prevailing rate of interest for commercial borrowing at the local banks. Items of the Works for which no rate or price has been entered in the Bill of Quantities will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

16. **Liquidated Damages**

16.1 The Contractor shall pay liquidated damages to the Employer at the rate of 0.1 % of total final Contract Price per day for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed 10 % of the final contract price. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

17. **Performance Security**

17.1 The Contractor shall provide to the Employer Performance Security equal to five (5) % of the Contract Price within 7 days of receiving Notification of Award/Letter of Acceptance in the form of either a bank guarantee, in the Form included in Section 3 or in the Form acceptable to the Employer, or a bank draft in favour of the Employer.



17.2 The Performance Security shall be valid until 30 days beyond the completion of contract obligations including Defects Liability and shall be released to the Contractor on satisfactory correction of all defects notified by the Employer/Project Supervisor before the end of the Defects Liability Period. In the event of termination of the contract for fundamental breach of the Contract, the Performance Security shall be forfeited.

18. Taxes

18.1 The Contractor is responsible for all taxes in accordance with the laws of the Islamic Republic of Afghanistan.

19. Completion and Taking Over

19.1 The Contractor shall request the Project Supervisor to issue a Certificate of Completion of the Works, and the Project Supervisor shall do so upon deciding that the whole of the Works is satisfactorily completed. The Employer shall take possession of the site and the Works within seven (7) days of the Project Supervisor's issuing a Certificate of Completion.

20. Final Account

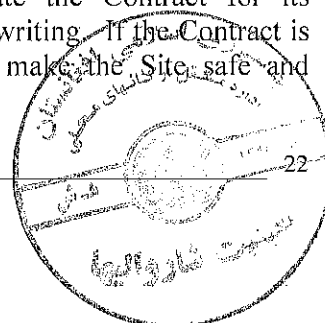
20.1 The Contractor shall supply the Project Supervisor with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Supervisor shall issue a Defects Liability Certificate after the Contractor has fulfilled its obligations under the Contract to this end and certify any final payment that is due to the Contractor within fifteen (15) days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Supervisor shall issue within fifteen (15) days a schedule that states the scope of the corrections or changes that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Supervisor shall decide on the amount payable to the Contractor and issue a payment certificate.

21. Termination

21.1 The Employer or the Contractor may terminate the Contract if the either party causes a fundamental breach of the Contract. Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- (a) The Contractor stops work for ten (10) days when the stoppage has not been authorized by the Project Supervisor;
- (b) a payment certified by the Project Supervisor is not paid by the Employer to the Contractor within sixty (60) days of the date of the Project Supervisor's certificate;
- (c) the Project Supervisor gives notice that the Contractor has failed to correct a Defect within twenty-one (21) days as determined by the Project Supervisor; and
- (d) the Contractor has delayed the completion of the Works by sixty (60) days.

Notwithstanding the above, the Employer may terminate the Contract for its convenience by giving the Contractor a thirty-day notice in writing. If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and



secure, and leave the Site within fifteen (15) days of the completion of the notice period.

22. Payment upon Termination

22.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Supervisor shall issue a certificate for the value of the work completed and for the materials already ordered/received less the advance payments (if any) received up to the date of the issue of the certificate. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor to the Employer.

23. Property

23.1 All materials and construction equipment on the Site, temporary works, and Works shall be deemed to be the property of the Employer if the Contract is terminated because of the Contractor's default.

24. Resolution of Disputes

24.1 The Employer and the Contractor shall make every effort to resolve amicably by direct negotiations any disagreement or dispute arising between them under or in connection with the Contract. In case of further disagreement either party can take the matter to arbitration. The Arbitrator will be nominated by the Minister of the Ministry responsible for supervising implementation of the contract. The place where arbitration will take place will be Kabul, Afghanistan.

Arbitration proceedings will be governed by Afghanistan Commercial Arbitration Law, 2007.]

25 The World Bank's Anti-Corruption Guidelines

The World Bank requires compliance with its Anti-Corruption Guidelines and its prevailing sanctions policies and procedures as set forth in the WBG's Sanctions Framework. Hence said Guidelines and the sanctions Framework shall apply to this Contract.

The Priced Bill of Quantities (Annexure 1) and Specification and Drawings (Annexure 2) are attached.

In Witness whereof the parties thereto have caused this Agreement to be executed the day, month and year written hereunder:

Signed, sealed and delivered by the said Parties:

(Signature of the Employer)

Name.....

Date.....

Designation.....

Organization.....

Attachments

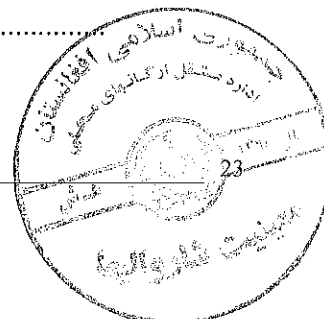
(Signature of the Contractor)

Name.....

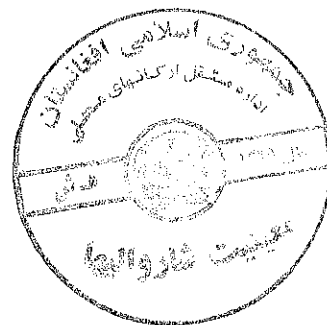
Date.....

Designation.....

Name of the Firm.....



Priced Bill of Quantities - Annexure 1
Drawings and Specifications - Annexure 2



Annexure 1 to Contract

Priced Bill of Quantities

[To be attached at the time of signing of the Contract Agreement]



Drawings and Specification



Annexure 3

Performance Security (Bank Guarantee)

Beneficiary: *[insert name and Address of Employer]*

Date: *[Insert date of issue]*

PERFORMANCE GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that *_[insert name of Contractor]* (hereinafter called "the Applicant") has entered into Contract No. *[insert reference number of the contract]* dated *[insert date]* with the Beneficiary, for the execution of *_[insert name of contract and brief description of Works]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Applicant, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of *[insert amount in figures]* (_____) *[insert amount in words]*,¹ such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the Day of,2017², and any demand for payment under it must be received by us at this office indicated above on or before that date.

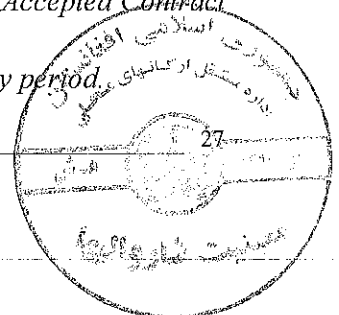
This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758, except that the supporting statement under Article 15(a) is hereby deleted.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

¹ *The Guarantor shall insert an amount representing the five percent of the Accepted Contract Price specified in the Letter of Acceptance and denominated in Afghani.*

² *Insert the date thirty days after the expected completion of Defects Liability period.*



Annexure 4

Bid Security Declaration Form

[The Bidder shall fill in this Form in accordance with the instructions indicated.]

Date: *[insert date (as day, month and year)]*

Bid No.: *[insert number of bidding process]*

Alternative No.: *[insert identification No if this is a Bid for an alternative]*

To: *[insert complete name of Purchaser]*

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we will automatically be suspended from being eligible for bidding in any contract with the Purchaser for the period of time of *[insert number of months or years]* starting on *[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we:

- (a) have withdrawn our Bid during the period of bid validity specified in the Form of Bid; or
- (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

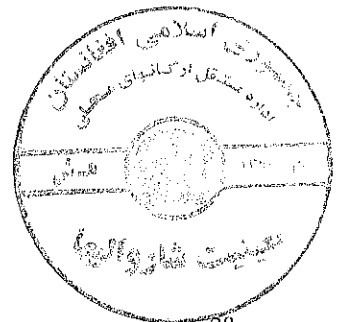
Signed: *[insert signature of person whose name and capacity are shown]* In the capacity of *[insert legal capacity of person signing the Bid Securing Declaration]*

Name: *[insert complete name of person signing the Bid Securing Declaration]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

Dated on _____ day of _____, _____ *[insert date of signing]*
Corporate Seal (where appropriate)

[Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.]



Annex 9: COVID-19 CONSIDERATIONS IN CONSTRUCTION/CIVIL WORKS PROJECTS

The followings are subject to changes/updates by WHO, WB or national Covid-19 related guidelines.

1. INTRODUCTION

This interim note is intended to provide guidance to teams on how to support Borrowers in addressing key issues associated with COVID-19, and consolidates the advice that has already been provided over the past month. Support will be needed in designing mitigation measures that are implementable in the context of the project. These measures will need to take into account capacity of the Government agencies, availability of supplies and the practical challenges of operations on-the-ground, including stakeholder engagement, supervision and monitoring. It recommends assessing the current situation of the project, putting in place mitigation measures to avoid or minimize the chance of infection, and planning what to do if either project workers become infected or the work force includes workers from proximate communities affected by COVID-19. The project must also exercise appropriate precautions against introducing the infection to local communities. This not includes obligations that contractors have under their existing contracts (see Section 2), require contractors to put in place appropriate organizational structures (see Section 3) and develop procedures to address different aspects of COVID-19 (see Section 4).

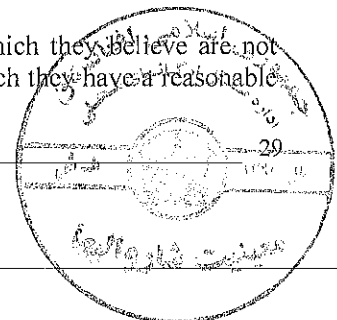
2. IN CASE THE PROJECTS ARE ALREADY AWARDED?

It will differ if the Borrower used the World Bank's standard procurement documents (SPDs) or used national bidding documents. If a FIDIC document has been used, there will be general provisions relating to health and safety. For example, the standard FIDIC, Conditions of Contract for Construction (Second Edition 2017), which contains no 'ESF enhancements', states that the Contractor will be required:

- To take all necessary precautions to maintain the health and safety of the Contractor's Personnel
- To appoint a health and safety officer at site, who will have the authority to issue directives for the purpose of maintaining the health and safety of all personnel authorized to enter and or work on the site and to take protective measures to prevent accidents
- To ensure, in collaboration with local health authorities, that medical staff, first aid facilities, sick bay, ambulance services and any other medical services specified are available at all times at the site and at any accommodation
- To ensure suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics

Beyond FIDIC's general requirements discussed above, the Bank's Particular Conditions include a number of relevant requirements on the Contractor, including:

- to provide health and safety training for Contractor's Personnel (which include project workers and all personnel that the Contractor uses on site, including staff and other employees of the Contractor and Subcontractors and any other personnel assisting the Contractor in carrying out project activities)
- to put in place workplace processes for Contractor's Personnel to report work situations that are not safe or healthy
- gives Contractor's Personnel the right to report work situations which they believe are not safe or healthy, and to remove themselves from a work situation which they have a reasonable



justification to believe presents an imminent and serious danger to their life or health (with no reprisal for reporting or removing themselves)

- requires measures to be in place to avoid or minimize the spread of diseases including measures to avoid or minimize the transmission of communicable diseases that may be associated with the influx of temporary or permanent contract-related labor
- to provide an easily accessible grievance mechanism to raise workplace concerns

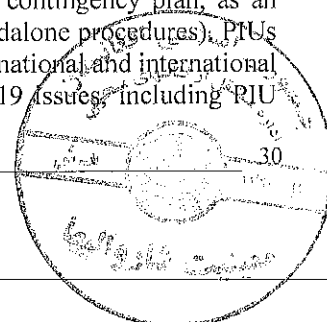
3. WHAT PLANNING SHOULD THE BORROWER BE DOING?

Task teams should work with Borrowers (PIUs) to confirm that projects (i) are taking adequate precautions to prevent or minimize an outbreak of COVID-19, and (ii) have identified what to do in the event of an outbreak. Suggestions on how to do this are set out below:

- The PIU, either directly or through the Supervising Engineer should request details in writing from the main Contractor of the measures being taken to address the risks. As stated in Section 2, the construction contract should include health and safety requirements, and these can be used as the basis for identification of, and requirements to implement, COVID-19 specific measures. The measures may be presented as a contingency plan, as an extension of the existing project emergency and preparedness plan or as standalone procedures. The measures may be reflected in revisions to the project's health and safety manual. This request should be made in writing (following any relevant procedure set out in the contract between the Borrower and the contractor).
- In making the request, it may be helpful for the PIU to specify the areas that should be covered. This should include the items set out in Section 5 below and take into account current and relevant guidance provided by national authorities, WHO and other organizations. See the list of references in the Annex to this note.
- The PIU should require the Contractor to convene regular meetings with the project health and safety specialists and medical staff (and where appropriate the local health authorities), and to take their advice in designing and implementing the agreed measures.
- Where possible, a senior person should be identified as a focal point to deal with COVID-19 issues. This can be a work supervisor or a health and safety specialist. This person can be responsible for coordinating preparation of the site and making sure that the measures taken are communicated to the workers, those entering the site and the local community. It is also advisable to designate at least one back-up person; in case the focal point becomes ill; that person should be aware of the arrangements that are in place.
- The PIU, either directly or through the Supervising Engineer, may provide support to projects in identifying appropriate mitigation measures, particularly where these will involve interface with local services, in particular health and emergency services. In many cases, the PIU can play a valuable role in connecting project representatives with local Government agencies, and helping coordinate a strategic response, which takes into account the availability of resources. To be most effective, projects should consult and coordinate with relevant Government agencies and other projects in the vicinity.
- Workers should be encouraged to use the existing project grievance mechanism to report concerns relating to COVID-19, preparations being made by the project to address COVID-19 related issues, how procedures are being implemented, and concerns about the health of their co-workers and other staff.

4. WHAT SHOULD THE CONTRACTOR COVER?

The Contractor should identify measures to address the COVID-19 situation. As discussed above, measures to address COVID-19 may be presented in different ways (as a contingency plan, as an extension of the existing project emergency and preparedness plan or as standalone procedures). PIUs and contractors should refer to guidance issued by relevant authorities, both national and international (e.g. WHO). A designated team should be established to address COVID-19 issues, including PIU



representatives, the Supervising Engineer, management (e.g. the project manager) of the contractor, security, and medical and OHS professionals.

(a) ASSESSING WORKFORCE CHARACTERISTICS

Many construction sites will have a mix of workers. Assessing these different aspects of the workforce will help in identifying appropriate mitigation measures:

- The Contractor should prepare a detailed profile of the project work force, key work activities, schedule for carrying out such activities, different durations of contract and rotations. Including who reside at home, who lodge within the local community and workers in on-site accommodation and those with underlying health issues or who may be otherwise at risk.
- Consideration should be given to ways in which to minimize movement in and out of site.
- Workers accommodated on site should minimize contact with people near the site.
- If possible, workers lodging in the local community to move to site accommodation. If not possible there entry end/exit is subject to health checks.

(b) ENTRY/EXIT TO THE WORK SITE AND CHECKS ON COMMENCEMENT OF WORK

Entry/exit to the work site should be controlled and documented for both workers and other parties, including support staff and suppliers. Possible measures may include:

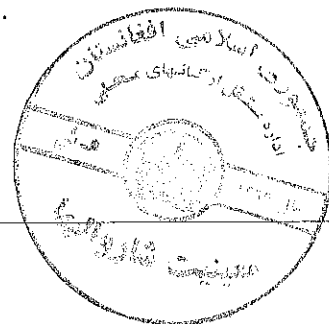
- Confirming that workers are fit for work before they enter the site or start work by establishing a system controlling entry/exit including temperature check, securing the boundaries of site and documenting entry/exit and denied entry. Consideration should be given to demobilization of staff with underlying health issues.
- Providing daily briefings to workers prior to commencing work, focusing on COVID-19 specific considerations including cough etiquette, hand hygiene and distancing measures, using demonstrations and participatory methods and reminding workers to self-monitor and reporting.
- Preventing a worker from an affected area or who has been in contact with an infected person from returning to the site for 14 days or (if that is not possible) isolating such worker for 14 days.
- Preventing a sick worker from entering the site, referring them to local health facilities if necessary or requiring them to isolate at home for 14 days.

(c) GENERAL HYGIENE

Requirements on general hygiene should be communicated and monitored, to include:

- Training workers and staff on site about Covid-19 signs and symptoms, how it is spread, how to protect themselves (including regular handwashing and social distancing) and what to do if they or other people have symptoms (for further information see [WHO COVID-19 advice for the public](#)).
- Placing posters and signs around the site, with images and text in local languages.
- Ensuring handwashing facilities supplied with soap, disposable paper towels and closed waste bins exist at key places throughout site, including at entrances/exits to work areas; where there is a toilet, canteen or food distribution, or provision of drinking water; in worker accommodation; at waste stations; at stores; and in common spaces. Where handwashing facilities do not exist or are not adequate, arrangements should be made to set them up. Alcohol based sanitizer (if available, 60-95% alcohol) can also be used.
- Setting aside part of worker accommodation for precautionary self-quarantine as well as more formal isolation of staff who may be infected (see paragraph (f)).

(d) CLEANING AND WASTE DISPOSAL



Conduct regular and thorough cleaning of all site facilities, including offices, accommodation, canteens, common spaces. Review cleaning protocols for key construction equipment (particularly if it is being operated by different workers). This should include:

- Providing cleaning staff with adequate cleaning equipment, materials and disinfectant. And training cleaning staff on appropriate cleaning procedures and appropriate frequency in high use or high-risk areas.
- Where it is anticipated that cleaners will be required to clean areas that have been or are suspected to have been contaminated with COVID-19, providing them with appropriate PPE: gowns or aprons, gloves, eye protection (masks, goggles or face screens) and boots or closed work shoes. If appropriate PPE is not available, cleaners should be provided with best available alternatives.
- Training cleaners in proper hygiene (including handwashing) prior to, during and after conducting cleaning activities; how to safely use PPE (where required); in waste control (including for used PPE and cleaning materials).
- Any medical waste produced during the care of ill workers should be collected safely in designated containers or bags and treated and disposed of following relevant requirements (e.g., national, WHO). If open burning and incineration of medical wastes is necessary, this should be for as limited a duration as possible.

(e) ADJUSTING WORK PRACTICES

Consider changes to work processes and timings to reduce or minimize contact between workers, recognizing that this is likely to impact the project schedule. Such measures could include:

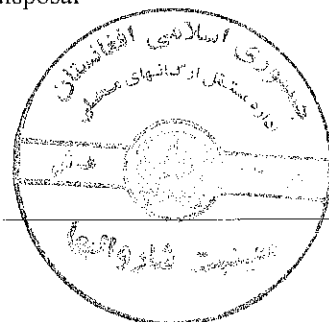
- Decreasing the size of work team and limiting the number of workers on site at any one time.
- Adapting to social distancing, and training workers on these processes.
- Continuing with the usual safety trainings, adding COVID-19 specific considerations. Training should include proper use of normal PPE. While as of the date of this note, general advice is that construction workers do not require COVID-19 specific PPE, this should be kept under review (for further information see [WHO interim guidance on rational use of personal protective equipment \(PPE\) for COVID-19](#)).
- Reviewing work methods to reduce use of construction PPE.
- Arranging (where possible) for work breaks to be taken in outdoor areas within the site.

(f) PROJECT MEDICAL SERVICES

Consider whether existing project medical services are adequate, taking into account existing infrastructure (size of clinic/medical post, number of beds, isolation facilities), medical staff, equipment and supplies, procedures and training, where possible, including:

- Preparing areas where patients can be isolated until he or she is taken to nearest medical center or home isolation.
- Training medical staff on COVID-19 and recommendations on the specifics of COVID-19. Where COVID-19 infection is suspected, medical providers on site should follow WHO guidelines.
- Assessing the current stock of equipment this could include medical PPE, such as gowns, aprons, medical masks, gloves, and eye protection.
- If PPE items should be available if not alternatives that may commonly be found on construction sites include dust masks, construction gloves and eye goggles.
- If a worker is extremely ill should be referred immediately to the local hospital.
- Dealing with medical waste, including systems for storage and disposal

(g) LOCAL MEDICAL AND OTHER SERVICES



Given the limited scope of project medical services, the project may need to refer sick workers to local medical services. Preparation for this includes:

- Obtaining information as to the resources and capacity of local medical services.
- Conducting preliminary discussions with specific medical facilities, to agree what should be done in the event of ill workers needing to be referred.
- Considering ways in which the project may be able to support local medical services in preparing for members of the community becoming ill, recognizing that the elderly or those with pre-existing medical conditions require additional support to access appropriate treatment if they become ill.
- Clarifying the way in which an ill worker will be transported to the medical facility, and checking availability of such transportation.
- Establishing an agreed protocol for communications with local emergency/medical services.
- Agreeing with the local medical services/specific medical facilities the scope of services to be provided, the procedure for in-take of patients and (where relevant) any costs or payments that may be involved.
- A procedure should also be prepared so that project management knows what to do in the unfortunate event that a worker ill with COVID-19 dies.

(h) INSTANCES OR SPREAD OF THE VIRUS

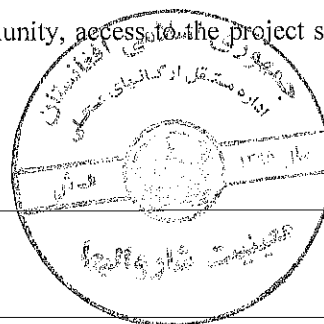
WHO provides detailed advice on what should be done to treat a person who becomes sick or displays symptoms that could be associated with the COVID-19 virus (for further information see WHO interim guidance on infection prevention and control during health care when novel coronavirus (nCoV) infection is suspected). The project should set out risk-based procedures to be followed, with differentiated approaches based on case severity (mild, moderate, severe, critical) and risk factors (such as age, hypertension, diabetes) (for further information see WHO interim guidance on operational considerations for case management of COVID-19 in health facility and community). These may include the following:

- If a worker has symptoms of COVID-19 (e.g. fever, dry cough, fatigue) the worker should be removed immediately from work activities and isolated on site.
- If testing is available on site, the worker should be tested on site. If a test is not available at site, the worker should be transported to the local health facilities to be tested (if testing is available).
- If the test is positive for COVID-19 or no testing is available, the worker should continue to be isolated. This will either be at the work site or at home. If at home, the worker should be transported to their home in transportation provided by the project.
- Extensive cleaning procedures with high-alcohol content disinfectant should be undertaken in the area where the worker was present, prior to any further work being undertaken in that area. Tools used by the worker should be cleaned using disinfectant and PPE disposed of.
- Co-workers (i.e. workers with whom the sick worker was in close contact) should be required to stop work, and be required to quarantine themselves for 14 days, even if they have no symptoms.
- Family and other close contacts of the worker should be required to quarantine themselves for 14 days, even if they have no symptoms.
- If a case of COVID-19 is confirmed in a worker on the site, visitors should be restricted from entering the site and worker groups should be isolated from each other as much as possible.
- If workers live at home and has a family member who has a confirmed or suspected case of COVID-19, the worker should quarantine themselves and not be allowed on the project site for 14 days, even if they have no symptoms.

(i) CONTINUITY OF SUPPLIES AND PROJECT ACTIVITIES

(j)

Where COVID-19 occurs, either in the project site or the community, access to the project site may be restricted, and movement of supplies may be affected.



- Identify back-up individuals, in case key people within the project management team (PIU, Supervising Engineer, Contractor, sub-contractors) become ill, and communicate who these are so that people are aware of the arrangements that have been put in place.
- Document procedures, so that people know what they are, and are not reliant on one person's knowledge.
- Understand the supply chain for necessary supplies of energy, water, food, medical supplies and cleaning equipment, consider how it could be impacted, and what alternatives are available. Early pro-active review of international, regional and national supply chains, especially for those supplies that are critical for the project, is important (e.g. fuel, food, medical, cleaning and other essential supplies). Planning for a 1-2 month interruption of critical goods may be appropriate for projects in more remote areas.
- Place orders for/procure critical supplies. If not available, consider alternatives (where feasible).
- Consider at what point it may become necessary for the project to significantly reduce activities or to stop work completely, and what should be done to prepare for this, and to re-start work when it becomes possible or feasible.

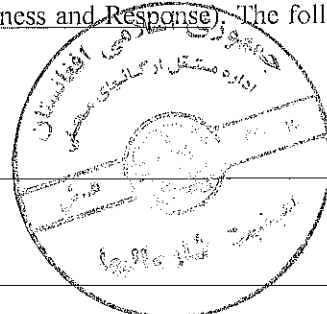
(k) TRAINING AND COMMUNICATION WITH WORKERS

Workers need to be provided with regular opportunities to understand their situation, and how they can best protect themselves, their families and the community. They should be made aware of the procedures that have been put in place by the project, and their own responsibilities in implementing them.

- It is important to be aware that in communities close to the site and amongst workers without access to project management, social media is likely to be a major source of information. This raises the importance of regular information and engagement with workers (e.g. through training, town halls, tool boxes) that emphasizes what management is doing to deal with the risks of COVID-19. Allaying fear is an important aspect of work force peace of mind and business continuity. Workers should be given an opportunity to ask questions, express their concerns, and make suggestions.
- Training of workers should be conducted regularly, as discussed in the sections above, providing workers with a clear understanding of how they are expected to behave and carry out their work duties.
- Training should address issues of discrimination or prejudice if a worker becomes ill and provide an understanding of the trajectory of the virus, where workers return to work.
- Training should cover all issues that would normally be required on the work site, including use of safety procedures, use of construction PPE, occupational health and safety issues, and code of conduct, taking into account that work practices may have been adjusted.
- Communications should be clear, based on fact and designed to be easily understood by workers, for example by displaying posters on handwashing and social distancing, and what to do if a worker displays symptoms.

(l) COMMUNICATION AND CONTACT WITH THE COMMUNITY

Relations with the community should be carefully managed, with a focus on measures that are being implemented to safeguard both workers and the community. The community may be concerned about the presence of non-local workers, or the risks posed to the community by local workers presence on the project site. The project should set out risk-based procedures to be followed, which may reflect WHO guidance (for further information see [WHO Risk Communication and Community Engagement \(RCCE\) Action Plan Guidance COVID-19 Preparedness and Response](#)). The following good practice should be considered:



- Communications should be clear, regular, based on fact and designed to be easily understood by community members.
- Communications should utilize available means. In most cases, face-to-face meetings with the community or community representatives will not be possible. Other forms of communication should be used; posters, pamphlets, radio, text message, electronic meetings. The means used should take into account the ability of different members of the community to access them, to make sure that communication reaches these groups.
- The community should be made aware of procedures put in place at site to address issues related to COVID-19. This should include all measures being implemented to limit or prohibit contact between workers and the community. These need to be communicated clearly, as some measures will have financial implications for the community (e.g. if workers are paying for lodging or using local facilities). The community should be made aware of the procedure for entry/exit to the site, the training being given to workers and the procedure that will be followed by the project if a worker becomes sick.
- If project representatives, contractors or workers are interacting with the community, they should practice social distancing and follow other COVID-19 guidance issued by relevant authorities, both national and international (e.g. WHO).

(m) EMERGENCY POWERS AND LEGISLATION

Many Borrowers are enacting emergency legislation. The scope of such legislation, and the way it interacts with other legal requirements, will vary from country to country. Such legislation can cover a range of issues, for example:

- Declaring a public health emergency
- Authorizing the use of police or military in certain activities (e.g. enforcing curfews or restrictions on movement)
- Ordering certain categories of employees to work longer hours, not to take holiday or not to leave their job (e.g. health workers)
- Ordering non-essential workers to stay at home, for reduced pay or compulsory holiday

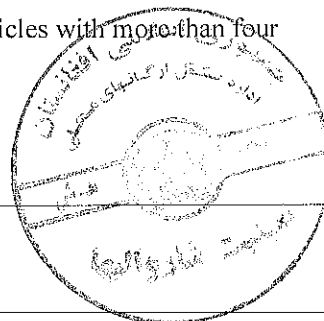
Except in exceptional circumstances (after referral to the World Bank's Operations Environmental and Social Review Committee (OESRC)), projects will need to follow emergency legislation to the extent that these are mandatory or advisable. It is important that the Borrower understands how mandatory requirements of the legislation will impact the project. Teams should require Borrowers (and in turn, Borrowers should request Contractors) to consider how the emergency legislation will impact the obligations of the Borrower set out in the legal agreement and the obligations set out in the construction contracts. Where the legislation requires a material departure from existing contractual obligations, this should be documented, setting out the relevant provisions.

5. Obligations of MOEH (Ministry of Public health of Afghanistan) of Afghanistan for June to August, 2010.

MOEH rules that applied on CIP includes;

1. Wearing mask in public places
2. Keeping social distance of two meters
3. Prevention of gatherings of more than ten people
4. Keeping the old people in homes
5. Disinfection of work place
6. Providing health Equipment for staff
7. Consideration of work shifts

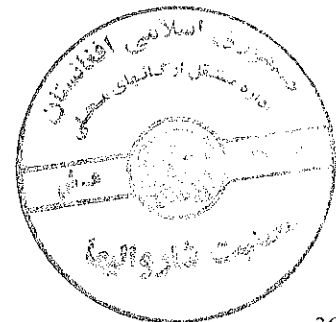
Prohibition of national buses and minibuses, as well as stopping vehicles with more than four occupants



Annex 6: Environmental & Social Guidelines for Contractors

The following guidelines will be part of the contractual agreements for each sub-project:

1. Construction Company (contractor) should install the Construction Camp on areas far enough from water points, houses and sensitive areas in consultation with the community. He/she should select the good quality sanitary equipment and install it in Construction Camp.
2. The contractor should manage all activities in compliance with laws, rules and other permits in vigor based on site regulations (what is allowed and not allowed on work sites).
3. Contractor has the responsibility of hygiene and security on work sites, and should protect neighboring properties, inform the client if land is found to be contaminated.
4. Contractor should ensure the permanence of the traffic and access of neighboring populations during the works to avoid hindrance to traffic, they also have the responsibility to protect and provide health and safety measures including Corona virus infection to staff working on work sites. In order to protect soil, surface and ground water the contractor should avoid any wastewater discharge, oil spill and discharge of any type of pollutants on soils, in surface or ground waters, in sewers and drainage ditches.
5. The Contractor should protect the environment against exhaust fuels and oils, dust and other solid residues. The Contractor should dispose oil and construction waste materials appropriately and provide adequate waste disposal and sanitation services at the construction site.
6. Contractor for the purpose of proper waste management should install containers to collect the wastes generated next to the areas of activity. Contractor should avoid degradation and demolition of private properties; therefore he/she should inform and raise the awareness of the populations before any activity causing degradation of natural vegetation and resources.
7. The Contractor should use a quarry of materials according to the mining code requirements and compensate planting in case of deforestation or tree felling.
8. The Contractor should manage waste properly and do not burn them on site and also should provide a proper storage for materials, organize parking and displacements of machines in the site.
9. The Contractor should care about speed limitation of work site vehicles and cars and allow the access of public and emergency services to the worksite.
10. The contractor should install signaling of works, ensure no blockage of access to households during construction and/or provide alternative access, provide footbridges and access of neighbors and endure construction of proper drainage on the site.
11. The Contractor should respect the cultural sites, ensure security and privacy of women and households in close proximity to the camps and safely dispose asbestos.
12. The Contractor should consider impacts such as noise, dust, and safety concerns on the surrounding population and schedule construction activities accordingly. The Contractor should develop maintenance and reclamation plans, protect soil surfaces during construction and revegetate or physically stabilize eligible surfaces, preserve existing fauna and flora and preserve natural habitats along streams, steep slopes, and ecologically sensitive areas. The Contractor has to prevent standing water in open construction pits, quarries or fill areas to avoid potential contamination of the water table and the development of a habitat for disease-carrying vectors and insects.
13. The Contractor should select sustainable construction materials and construction method, during construction, control dust by using water or through other means and control and clean the construction site daily.



14. The contractor should implement the project in compliance with the national and WB obligations to prevent, minimize and mitigate Covid-19 outbreak on the site amongst the workers and in their interaction with the community. Covid-19 obligations include but not limited to;
- a) Orientation about covid19 and training of workers should be conducted, providing workers with a clear understanding of how they are expected to behave and carry out their work duties.
 - b) Appointing safety officer at site to insure covid-19 precautions, and mitigation as well as collaboration with local health authority ambulance and to ensure suitable arrangement for necessary welfare and hygiene requirements.
 - c) Daily briefing should be provided about Covid-19, how it spreads, signs and symptoms and how to protect themselves.
 - d) Establishing a controlled entry/exit with temperature check and registration to prevent workers from affected area or preventing sick person from entering the site.
 - e) A detailed profile of project workers should be prepared to identify the elderly or workers with underlying health conditions. It should be worked on to minimize movement in and out of site and contact with the community near the site.
 - f) The contractor is responsible to provide training to worker about covid-19 and signs and symptoms about of corona virus in local (Pashto/Dari) language to remind works of pandemic.
 - g) General hygiene must be practiced on site ensuring handwashing facilities with soap and at vulnerable points like entrance/exit to site, toilet, canteen or food distribution, at drinking water distribution, workers accommodation (main gates) and at where waste is stored.
 - h) The contractor should provide the workers with necessary equipment to prevent covid-19 spread such as masks, gloves, if possible (eye protector, and PPE).
 - i) In case of outbreak at site level or appearance of covid-19 symptoms in one or more individuals the arrangements must be available to immediately removing of the sick, transportation to the nearest medical hospital and quarantine (14) for individuals with close contact and full recovery of sick with negative covid-19 checkup result if returns to site.
 - j) The contractor is also obliged to practice the updated rules and recommendations (then and now) of the Ministry of Public Health (MPH) of the GIROA.

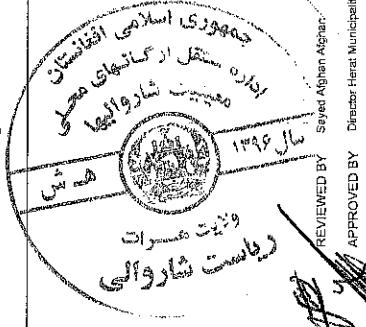


INDEX SHEET

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3	SITE PLAN	03	
4	CROSS SECTION	04	
5	SPECIFICATIONS	05	



SURVEYED BY Eng. Massoud Abdullatif
 DESIGNED BY Eng. Gh. Cader Rasooli
 CHECKED BY Eng. Abdul Hanan Azimi

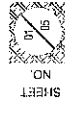


REVIEWED BY
 APPROVED BY
 Director Herat Municipality



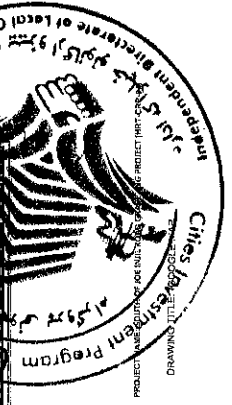
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 CITY HERAT
 LOCATION DISTRICT-6
 INDEX SHEET
 DRAWING TITLE:

H=V tofi
 2020-10-20
 2020-10-20
 SCALE
 DATE



SOUTH OF JOE INJIL ROAD GRAVELING PROJECT

Total Length of the Project is 1890 Meters



PROVINCE HERAT
CITY HERAT
LOCATION DISTRICT-6

جمهوری اسلامی افغانستان
اداره شهرداری شاروالیا
شماره نقشه ۱۱۹۶
سال ۱۳۹۶
تاریخ طراحی
مهندسین مشاور شاروالیا

START POINT
34°20'58.77"N
62°14'27.98"E

END POINT
34°20'14.33"N
62°15'8.11"E

SURVEYED BY Eng. Masoud Abdullahi
DESIGNED BY Eng. Gh. Qader Rasooli
CHECKED BY Eng. Abdul Hamid Azimi

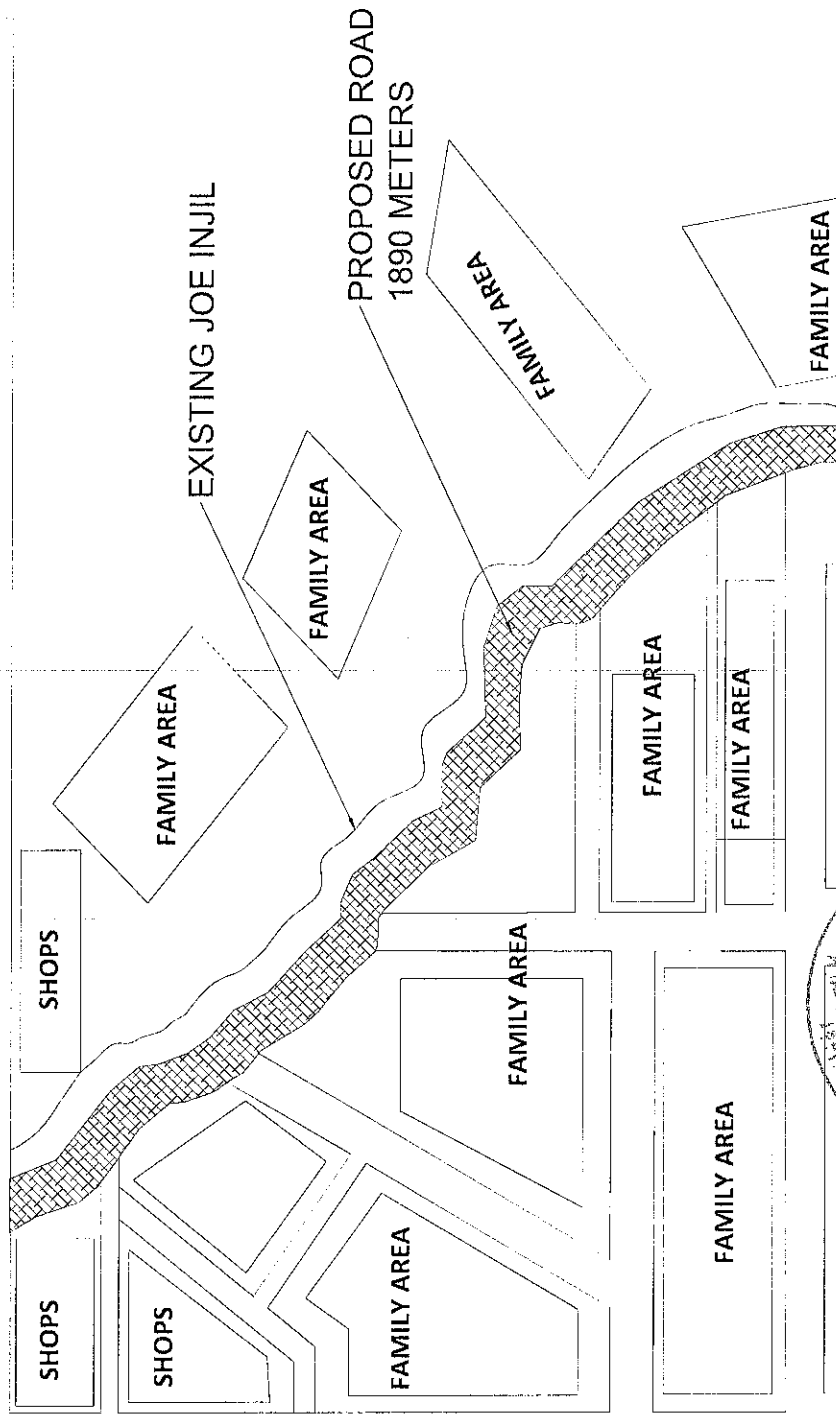
REVIEWED BY Sayed Agham Algrain
APPROVED BY Director Herat Municipality



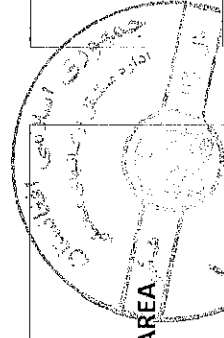
Google Earth
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Map data © OpenStreetMap contributors

SOUTH OF JOE INJIL ROAD GRAVELING PROJECT

FARQA STREET



SURVEYED BY Eng. Masoud Asadullahi
DESIGNED BY Eng. Gh. Qader Rasooli
CHECKED BY Eng. Abul Hasan Azimi

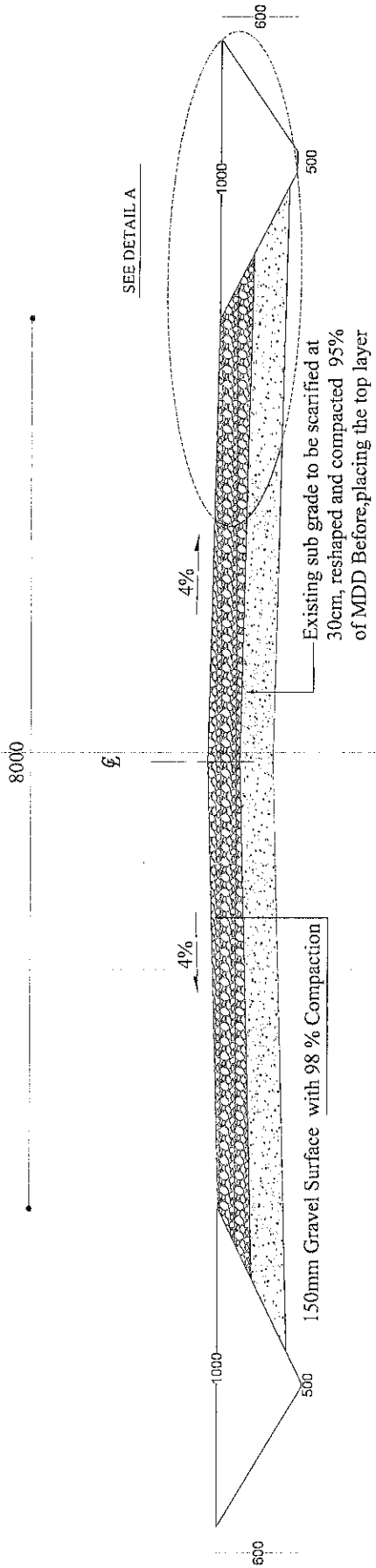


REVIEWED BY Sayed Agham Algham
DIRECTOR Herat Municipality



SCALE DATE DESIGN DATE
PROVINCE HERAT
CITY HERAT
LOCATION DISTRICT-6

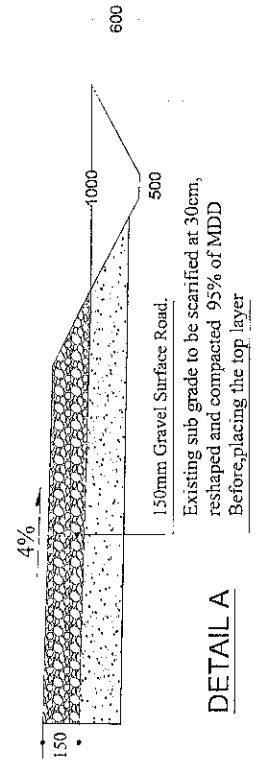
PROJECT NAME SOUTH OF JOE INJIL ROAD GRAVELING PROJECT (HRT-CP-04)
DRAWING TITLE: SITE PLAN



Gravel Road Typical X- Section A-A (L=(1890))

NOTES

1. All dimensions are in "mm" unless otherwise specified.
2. Sample of all materials shall be approved by CIP/Municipality engineers before the contractor use it for the project, otherwise CIP engineers are authorized to reject the executed works.
3. All quality control tests should be carried out by the contractor in a recognized laboratory.
4. Backfilling should be completed in layers and the thickness of each layers should not exceed 15cm.
5. The percentage of compaction should be in accordance to drawing and technical specification and to the satisfaction of CIP/Municipality engineers.
6. Drain should be provide as per the given drawing in case of unavailability of area, drain should be adjusted to the site in accordance to site condition in coordination with CIP and Municipality engineer.
7. All the road activities should be completed as per the guidelines of IDLG's approved specifications.
8. A facility gateway shall be provided for prevention of unauthorized access to the site and controlling entries and exits.
9. Hand washing facilities shall be provided at each entrance to the site.
10. First aid kit should be available on construction site.
11. Thermometer for checking temperatures of all skilled and unskilled labors shall be available at all sites.
12. Masks should be provided and used at all times.
13. Adhering to all PPE measures such as wearing eye glasses, safety shoes etc. are compulsory for all workers.



DETAIL A

REVIEWED BY
APPROVED BY

DESIGNED BY
CHECKED BY

DATE: 2022/05/20
DESIGN DATE: 2022/05/20

PROVINCE: HERAT
CITY: HERAT
LOCATION: DISTRICT-6

PROJECT NAME: SOUTH OF THE RAIL ROAD GRADING PROJECT (HRT-CIP-064)
DRAWING TITLE: PLAN & CROSS SECTION

13.3. Gravel wearing Course on carriageway of Gravel road and Shoulders

On completion of the reshaping activity, or in situations where the existing road formation profile is deemed to be acceptable after completion of the related tests, a wearing course layer of suitable gravel material shall be supplied from sources approved by the control Authority, laid to the required thickness, watered and compacted over the full width of the road carriageway.

13.3.1. Quality of Gravel Material

Gravel shall be sourced from river deposits, either close to existing rivers or in beds of material deposited in ancient geological time, or from deposits of natural broken stone such as screen fans in mountain areas. The aggregate shall consist of hard, durable particles or fragments of stone or gravel and sand or other fine mineral particles free from vegetable matter and lumps or ball of clay and of such nature that it can be compacted readily to form, stable layer.

River deposits often consist of widely graded and rounded material that is difficult to compact and which has little mechanical interlock. The material can quickly loosen under the action of traffic and water, creating a need for more intensive maintenance. In the case of such material being used for wearing course it should firstly be screened to remove cobbles large than 50mm. then the rejected material should be crushed in a mobile crushing plant to reduce it to the required size, and then mixed with the selected material the resultant blended gravel will have much better mechanical stability. Will be easier to compact and consequently be more resistant the action of traffic and water. Maintenance needs will therefore be reduced. In any case, whenever river gravel is being used, it should be blended with crushed material to achieve the required characteristics.

13.3.2 Construction of the gravel layer

Gravel wearing course material shall be spread in layers of not more than 150mm thickness per layer, watered and compacted in accordance to the specification to the final thickness detailed and in conformity with the required lines, level and road cross section.

The sub grade material shall be watered prior to spreading the gravel wearing course layer. Additional water shall be added to the gravel as necessary during spreading until the optimum moisture content (OMC) for compaction is achieved. The amount of water to be added will be established on site by the operators' soils laboratory. Subsequent testing of the compacted wearing course layer to ensure achievement of required density will be undertaken by the operator at the contractor expense. Patching / graveling shall include the removal of spillage and oversize material from the side drains in order that these drains are fully restore to their original condition.

Gravel wearing course material shall conform to the following grading unless otherwise specified by site control Authority

Table: 2

Sieve size (mm)	Maximum particle size in mm	
	37.5	29.9
37.5	100	100
26.5	85-100	100
19.0	70-100	100
13.2	60-85	75-100
4.75	40-60	50-75
2.00	25-45	35-55
0.425	15-40	18-45
0.075	7-30	7-30

The fraction passing the 0.075mm (No.40) sieve shall not be greater than two-thirds of the fraction passing the 0.425 mm (No. 40) sieve.

The coarse aggregate material retained on the 2.00mm (No.10) sieve shall have a mass percent of were by the Los Angeles test (AASHTO T 96) of not more than 45.

The fraction passing the 0.425mm (No. 40) sieve shall have a liquid limit not greater than 35 and plasticity index range to 4- 9, when tested by AASHIO T89 and T90, respectively.

13.3.3. Kind of testing:

- Sieve analyses (Gradation)
- LL: not more than 35
- PI: 4 - 9
- MDD
- CBR > 30%
- FDT 98% one test in each 200 m.sq
- LA The coarse aggregate material retained on the 2.00mm (No. 10) sieve shall have a mass percent of wear by the Los Angeles test (AASHTO T 96) not more than 45%
- Finished surface shall vary not more than 10mm above or 15 mm down.
- Material /soil: Dimension of material is 2/3*150mm or 50mm which is lesser.

13.3.4. Compaction: Thickness of wearing 150mm or less shall be compacted by 8 passes by a vibratory roller with a static mass at least 8000kg per meter width. If the layer more than 150mm, material shall be placed in 2 layers. After approval of sub-grade layer then Gravel wearing shall be permitted.

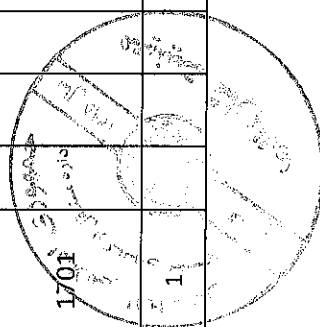
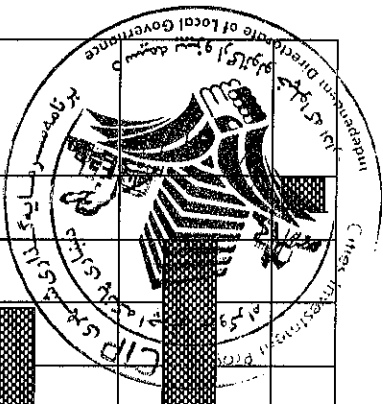
Handwritten notes in Urdu: "کلی" and "میں" with some illegible text.

Official stamps and signatures for the project. Includes stamps for "SURVEYED BY", "DESIGNED BY", "CHECKED BY", "REVIEWED BY", and "APPROVED BY".

Stamp: SURVEYED BY Eng. Masood Abubakar
 Stamp: DESIGNED BY Eng. Gh. Qader Resooli
 Stamp: CHECKED BY Eng. Abdul Hamid Asghari
 Stamp: REVIEWED BY Sayed Afghan Aghar
 Stamp: APPROVED BY Director, Herat Municipality

SOUTH OF JEO INJIL CANAL ROAD GRAVELLING PROJECT, DISTRICT 6, HERAT CITY
(HRT-CRP-04)
LENGTH: 1890M

CONSTRUCTION SCHEDULE														
S/NO	DESCRIPTION	UNIT	QUANTITY	MONTHS								REMARKS		
				1ST				2ND						
				W1	W2	W3	W4	W1	W2	W3	W4			
1	Mobilization	LS	1											
2	Provision, erection, maintenance and removal of project sign board as indicated in the drawing or instructed by the Engineer.	PS	2											
3	Supply and delivery of PPE to cover the need for health and safety and Covid-19 measures with all required activities in accordance to Annex 6 and 9 documents.	LS	1											
4	Sub grade preparation the nominal plan area of the lower surface of the gravel wearing course or pavement layer overlying the area of sub-grade prepared in accordance with requirements specified above for cut / fill areas	sqm	16254											
5	Construction of 150mm gravel wearing course, compacted layer thickness must be not greater than 150mm, using at least 5Tone vibratory roller for minimum 8 passes with minimum 97% compaction tests.	Cum	2353											
6	Side drain excavation with all required activities in accordance to drawing and CIP/Municipality engineer satisfaction based on site condition and requirement.	Cum	1701											
7	Demobilization	LS	1											



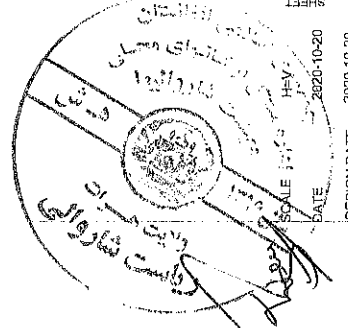
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AFGHANISTAN
Herat Municipality
 SURVEYED BY Eng. Masoud Abdullahi
 DESIGNED BY Eng. Gh. Cader Rasooli
 CHECKED BY Eng. Abdul Hanan Azimi

REVIEWED BY
 APPROVED BY



Sayed Afghani Afghani
 Director Herat Municipality

REVIEWED BY
 APPROVED BY

SCALE 1:1000
 DATE 2020-10-20



SHEET 01 OF 05
 DESIGN DATE 2020-10-20

PROVINCE HERAT
 CITY HERAT

LOCATION DISTRICT-11



DRAWING TITLE:
 INDEX SHEET

QADER ABAD ROAD GRAVELING PROJECT

Total Length of the Project is 2407 Meters



Qader Abad Road
Road width is 7m.

Legend
Proposed Road

HERAT MUNICIPALITY
AFCHEANTAN
HERAT MUNICIPALITY

SURVEYED BY Eng. Masoud Abdullahi
DESIGNED BY Eng. Gh. Qader Rasooli
CHECKED BY Eng. Abdul Hesar Azimi

REVIEWED BY Seyed Afshin Afshari
APPROVED BY Director, Herat Municipality

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62°15'9.79"E

END POINT
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62°16'0.29"E

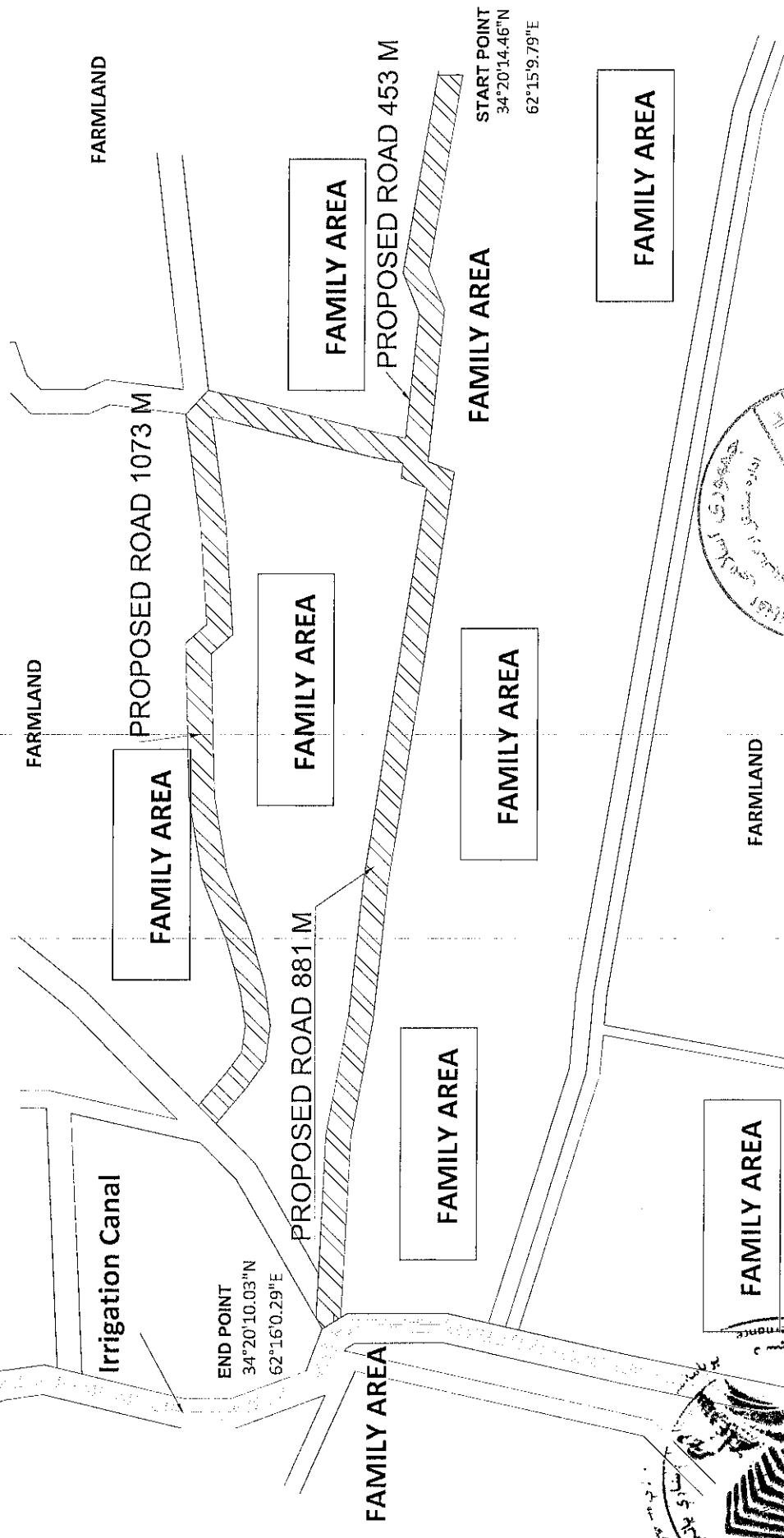
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DATE 2025-10-20
DESIGN DATE 2025-10-20

PROVINCE HERAT
CITY HERAT
LOCATION DISTRICT-11



PROJECT NAME: QADER ABAD ROAD GRAVELING PROJECT (IIRP-CRP-015)
DRAWING TITLE: GOOGLE MAP

SITE PLAN OF QADER ABAD ROAD GRAVELING PROJECT



SURVEYED BY: Eng. Masoud Abdullahi
 DESIGNED BY: Eng. Gh. Qader Rasooli
 CHECKED BY: Eng. Abdul Hanan Azimi

SCALE: _____
 DATE: 2020-10-20
 DESIGN DATE: 2020-10-20

PROVINCE: HERAT
 CITY: HERAT
 LOCATION: DISTRICT-11

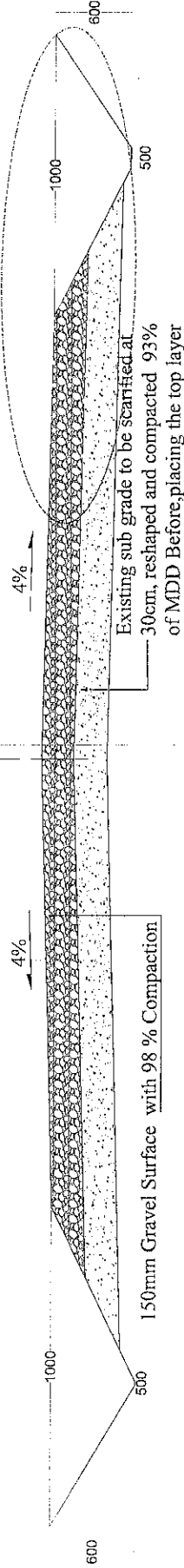
PROJECT NAME: QADER ABAD ROAD GRAVELING PROJECT (HRF-CORP-008)
 DRAWING TITLE: GENERAL SITE PLAN

REVIEWED BY: [Signature]
 APPROVED BY: [Signature]
 [Official Stamp and Signature]

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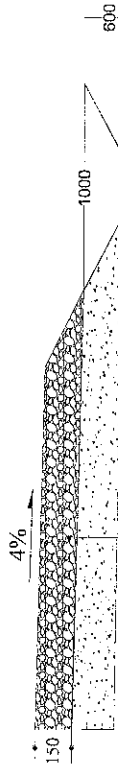
SEE DETAIL A



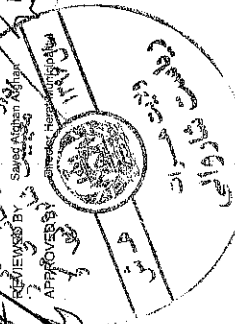
Gravel Road Typical X-Section A-A (L=(2407)

NOTES

1. All dimensions are in "mm" unless otherwise specified.
2. Sample of all materials shall be approved by CIP/Municipality engineers before the contractor use it for the project, otherwise CIP engineers are authorized to reject the executed works.
3. All quality control tests should be carried out by the contractor in a recognized laboratory.
4. Backfilling should be completed in layers and the thickness of each layers should not exceed 15cm.
5. The percentage of compaction should be in accordance to drawing and technical specification and to the satisfaction of CIP/Municipality engineers.
6. Drain should be provide as per the given drawing in case of unavailability of area, drain should be adjusted to the site in accordance to site condition in coordination with CIP and Municipality engineer.
7. All the road activities should be completed as per the guidelines of IDLG's approved specifications.
8. A facility gateway shall be provided for prevention of unauthorized access to the site and controlling entries and exits.
9. Hand washing facilities shall be provided at each entrance to the site.
10. First aid kit should be available on construction site.
11. Thermometer for checking temperatures of all skilled and unskilled labors shall be available at all sites.
12. Masks should be provided and used at all times.
13. Adhering to all PPE measures such as wearing eye glasses, safety shoes etc. are compulsory for all workers.



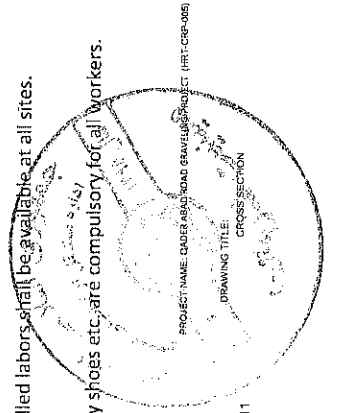
DESIGNED BY: Eng. Masoud Abdullehi
 CHECKED BY: Eng. Abdul Hanan Asmi



APPROVED BY: [Signature]
 REVIEWED BY: [Signature]

SCALE: 1:50
 DATE: 2020-10-20
 DESIGN DATE: 2020-10-20

PROVINCE: HERAT
 CITY: HERAT
 LOCATION: DISTRICT-11



PROJECT NAME: DOOR AND ROAD DEVELOPMENT PROJECT (HT-CR-005)
 DRAWING TITLE: CROSS SECTION

13.3. Gravel wearing Course on carriageway of Gravel road and Shoulders

On completion of the reshaping activity, or in situations where the existing road formation profile is deemed to be acceptable after completion of the related tests, a wearing course layer of suitable gravel material shall be supplied from sources approved by the control Authority, laid to the required thickness, watered and compacted over the full width of the road carriageway.

13.3.1. Quality of Gravel Material

Gravel shall be sourced from river deposits, either close to existing rivers or in beds of material deposited in ancient geological time, or from deposits of natural broken stone such as screen fans in mountain areas. The aggregate shall consist of hard, durable particles or fragments of stone or gravel and sand or other fine mineral particles free from vegetable matter and lumps or ball of clay and of such nature that it can be compacted readily to form, stable layer.

River deposits often consist of widely graded and rounded material that is difficult to compact and which has little mechanical interlock. The material can quickly loosen under the action of traffic and water, creating a need for more intensive maintenance. In the case of such material being used for wearing course it should firstly be screened to remove cobbles large than 50mm. then the rejected material should be crushed in a mobile crushing plant to reduce it to the required size, and then mixed with the selected material the resultant blended gravel will have much better mechanical stability. Will be easier to compact and consequently be more resistant to the action of traffic and water. Maintenance needs will therefore be reduced. In any case, whenever river gravel is being used, it should be blended with crushed material to achieve the required characteristics.

13.3.2 Construction of the gravel layer

Gravel wearing course material shall be spread in layers of not more than 150mm thickness per layer, watered and compacted in accordance to the specification to the final thickness detailed and in conformity with the required lines, level and road cross section.

The sub grade material shall be watered prior to spreading the gravel wearing course layer. Additional water shall be added to the gravel as necessary during spreading until the optimum moisture content (OMC) for compaction is achieved. The amount of water to be added will be established on site by the operators' soils laboratory. Subsequent testing of the compacted wearing course layer to ensure achievement of required density will be undertaken by the operator at the contractor expense. Patching / graveling shall include the removal of spillage and any loose material from the side drains in order that these drains are fully restore to their original condition.

Gravel wearing course material shall conform to the following grading unless otherwise specified by the control Authority:

Table: 2

Sieve size (mm)	Maximum particle size in mm	
	37.5	29.0
37.5	Percentage passing by mass	
100	100	100
26.5	85-100	100
19.0	70-100	100
13.2	60-85	75-100
4.75	40-60	50-75
2.00	25-45	35-55
0.425	15-40	18-45
0.075	7-30	7-30

The fraction passing the 0.075mm (No.40) sieve shall not be greater than two- thirds of the fraction passing the 0.425 mm (No. 40) sieve.

The coarse aggregate material retained on the 2.00mm (No.10) sieve shall have a mass percent of were by the Los Angeles test (AASHTO T 96) of not more than 45.

The fraction passing the 0.425mm (No. 40) sieve shall have a liquid limit not greater than 35 and plasticity index range to 4- 9, when tested by AASHTO T89 and T90, respectively.

13.3.3. Kind of testings:

- Sieve analyses (Gradation)
- LL: not more than 35
- PI: 4 - 9
- MDD
- CBR > 30%
- FDT 98% one test in each 200 m.sq
- L.A The coarse aggregate material retained on the 2.00mm (No. 10) sieve shall have a mass percent of wear by the Los Angeles test (AASHTO T 96) not more than 45%
- Finished surface shall vary not more than 10mm above or 15 mm down.
- Material /soil: Dimension of material is 2/3*150mm or 50mm which is lesser.

13.3.4. Compaction: Thickness of wearing 150mm or less shall be compacted by 8 passes by a vibratory Roller with a static mass at least 800kg per meter width. If the layer more than 150mm, material shall be placed in 2 layers. After approval of sub-grade layer then Gravel Wearing shall be permitted.

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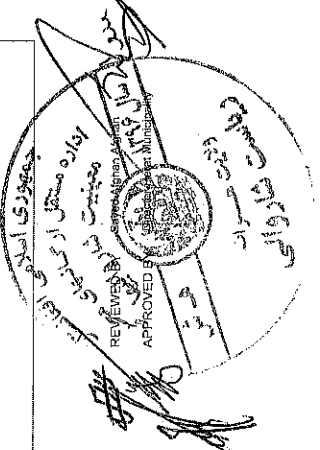
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HERAT PROVINCE
HERAT
DISTRICT/TAI

PROJECT NAME QUARRY ROAD GRAVELING PROJECT (PH-7-CRP-005)
DRAWING FILE SPECIFICATIONS



REVIEWED BY Eng. Masoud Abdullahi
DESIGNED BY Eng. Gh. Qader Rasooli
CHECKED BY Eng. Abdul Hanan Azimi



REVIEWED BY Eng. Gh. Qader Rasooli
APPROVED BY Eng. Gh. Qader Rasooli

**QADER ABAD GRAVELING ROAD PROJECT, DISTRICT-11, HERAT CITY
(HRT-CRP-05)**

CONSTRUCTION SCHEDULE														
S/NO	DESCRIPTION	UNIT	QUANTITY	MONTHS								REMARKS		
				1ST				2ND						
				W1	W2	W3	W4	W1	W2	W3	W4			
1	Mobilization	LS	1											
2	Provision, erection, maintenance and removal of project sign board as indicated in the drawing or instructed by the Engineer.	EA	2											
3	Supply and delivery of PPE to cover the need for health and safety and Covid-19 measures with all required activities in accordance to Annex 6 and 9 documents.	LS	1											
4	Sub grade preparation the nominal plan area of the lower surface of the gravel wearing course or pavement layer overlying the area of sub-grade prepared in accordance with requirements specified above for cut / fill areas	Sqm	18293.2											
5	Construction of 150mm gravel wearing course, compacted layer thickness must be not greater than 150mm, using at least 5Tone vibratory roller for minimum 8 passes with minimum 97% compaction tests.	Cum	2635.6											
6	Side drain excavation with all required activities in accordance to drawing and CIP/Municipality engineer satisfaction based on site condition and requirement.	Cum	2166											
7	Demobilization	LS	1											

