



**TENDER DOCUMENT  
FOR  
STRUCTURAL WORKS PACKAGE**

**PROJECT TITLE**

COMPLETION OF THE ADDITIONAL STRUCTURAL WORKS OF RESIDENTIAL AND  
COMMERICAL BUILDING

In

Shahr-E-Naw, Kabul, AFGHANISTAN

**TENDERING PROCEDURES AND  
CONDITIONS OF CONTRACT**

**CEFE GROUP INTERNATIONAL**



## **STRUCTURAL WORKS PACKAGE**

### **TENDERING PROCEDURES AND CONDITIONS OF CONTRACT**

**Employer:**

**CEFE GROUP INTERNATIONAL**

Address: Street 7, Taimani, Kabul – Afghanistan

Email: [info@cefegroup.com](mailto:info@cefegroup.com)

Website: [www.cefegroup.com](http://www.cefegroup.com)

## **STRUCTURAL WORKS PACKAGE**

### **TENDERING PROCEDURES AND CONDITIONS OF CONTRACT**

<b><u>CONTENTS</u></b>	<b><u>PAGE</u></b>
BRIEF DESCRIPTION OF THE PROJECT	1-3
PART A - INSTRUCTIONS TO BIDDERS	4-12
PART B - FORM OF TENDER AND APPENDIX	13-17
PART C - CONTRACT AGREEMENT F1-F3	18-20
ATTACHMENT I – BILL OF QUANTITIES	Appendix
ATTACHMENT II – TECHNICAL DRAWINGS	Appendix
ATTACHMENT III – PROJECT SCOPE AND SPECIFICATION	Appendix

## **BRIEF DESCRIPTION OF THE PROJECT**

### **A. The Project**

The project is Residential and commercial building, to be used as Serviced Hotel Apartments. It is consisted of 9 floors, B+G+7 with inclusion of the amenities, facilities and features such as lobby lounge, meeting rooms, co-working and office space, corridors, restaurants, conference hall, spa, swimming pool, gym and the club lounge.



Name of the developer: **CEFE GROUP INTERNATIONAL**

Description: Proposed ADDITIONAL STRUCTURAL WORKS PACKAGE – Commercial and Residential Building located at Shahre-E-naw – Kabul, Afghanistan

Project Duration: 90 Days [90 days + **07 Days Mobilization Period**]

## **B. The Site**

The Project is located at Shar-E-naw, Kabul Afghanistan on Shabobo Jan Street, behind Park tower.  
For more information or site visit, please contact:

**Engineer Ghulam Mujtaba Baha,**  
Email: [construction@cefegroup.com](mailto:construction@cefegroup.com)

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### **General Notes:-**

1. The Contractor shall comply with All Local Authority requirements.
2. The Contractor shall coordinate with any other contractor/consultant working within the whole development.

This Document shall be construed to be part of the Contract Document

**TENDER INVITATION FORM**

Date: ----/----/2020

**For the Kind Attention:**

Company Name:  
Complete Address:  
Tel:  
Email:

Subject: **INVITATION TO TENDER FOR ADDITIONAL STRUCTURAL WORKS PACKAGE – Commercial and Residential Building located at Shahre-e-naw – Kabul, Afghanistan**

**Dear Sir,**

We are pleased to invite you to submit your most competitive tender for the above referred project. Your representative may contact our **Tendering Manager** to collect the project documents and/or to schedule the site visit.

The tender should be submitted as per the “Instruction to Bidders” on the due date **30 May 2020**, . (ONLY in electronic form (“pdf”) to the given email ([construction@cefegroup.com](mailto:construction@cefegroup.com))

Tenders received after the due date mentioned in the instructions to tenderers will not be accepted.

On receipt of Tender Documents, we request you to immediately send us a letter confirming that you have received the Tender Documents and you will submit the tender bid on the due date.

Any Tender clarification should be addressed to the under-signed in your company letter head. However, you may send the scanned copy of your letter through email to the aforementioned email. We request you to compile all your queries to an extent to avoid multiple clarification requests.

All clarification requests should be addressed to us on or before **22 May 2020**, any clarification . addressed after this date will not be considered

**, Best Regards**

**, Engineer Ghulam Mujtaba Baha**  
Email: [construction@cefegroup.com](mailto:construction@cefegroup.com)

**PART A: INSTRUCTIONS TO**  
**BIDDERS**

## **INSTRUCTIONS TO BIDDERS**

The following instructions shall be carefully noted by intending bidders, as failure to comply with them may lead to invalidation of the Tender.

1. **ONE COMPLETE SET** of the documents stipulated in below and shall only be electronically submitted by the authorized persons of the company participating and submitted not later than time stated in the separate letter of invitation. Tenders shall be returned properly completed in all aspects and in accordance with the Conditions of Contract and provisions of the Tender Documents. The Tender and all documents accompanying it shall be completed in the English language and in the manner as stipulated in the table below:

<b>VOLUME I</b>	-	SIGNED TENDERING PROCEDURES AND CONDITIONS OF CONTRACT
<b>VOLUME II</b>	-	TECHNICAL PROPOSAL
<b>VOLUME III</b>	-	PRICE PROPOSAL AND SCHEDULE
<b>ATTACHMENT I</b>	-	ACKNOWLEDGEMENT OF BILL OF QUANTITIES
<b>ATTACHMENT II</b>	-	ACKNOWLEDGEMENT OF TECHNICAL DRAWINGS
<b>ATTACHMENT III</b>	-	COMPANY DOCUMENTS (PROFILE AND FACT SHEET)

2. **The Tender (Proposal) Documents comprise:**

Any Addenda or clarifications which may be issued up to 7 working days before the last date for submission of Tender Documents.

3. **Tender Documents to be completed:**

Bidders shall complete the Form of Tender, Sign and Stamp an acknowledgement of Scope of Work and the Bill of Quantities and shall submit the Schedules of Rates and Prices and Appendices if any and shall sign and date the documents in the spaces provided in accordance with the structure as defined .

Tenders must be signed by the principal of the firm or by a person properly authorized for the purpose and the registered name and address of the Contractor must be printed in block capitals in the space provided. Incomplete or improperly filled-in Tenders will not be considered.

In addition to the documents issued to the Bidders for the purpose of submitting a Tender, the following documents shall be submitted as a part of the **Volume II (TECHNICAL PROPOSAL)**:

- a) Strategy for completing the Works - Method Statement, describing in narrative form method proposed for the execution of the Works.
- b) A chart showing the proposed staff and management organization for the Works, and the number of supervisors and labour (including direct sub-contractors).
- c) The names, qualifications and experience of senior staff to be employed on the Works.



- d) A list of proposed sub-contractors (if any) and suppliers, including local firms, with particulars of the extent of the work which will be undertaken by them.
  - e) Schedule of material sources - The proposed source of local materials and aggregates.
  - f) A programme, in bar chart to showing the sequence of execution and completion dates for major construction activities.
  - g) List of equipment/facilities proposed for this job, indicating their number, made year, types, capacities, specifications and whether they will be leased or are in the possession of the contractor, in accordance with Appendix No. II to Form of Tender (Plant Register).
  - h) An electronic copy of the Bidder's current valid business license in Afghanistan.
4. The Employer shall not be responsible for any expenses or losses which may be incurred by any Bidder in the preparation and submission of his Tender whether a Tender is finally accepted or not. Tenders shall include for covering all expenses and obligations of whatsoever nature, as well as the carrying out and supply of all the work necessary and the handing over of the Works to the Employer, in accordance with the relevant Conditions of Contract.
5. The Bidder shall submit with his Tender under **Attachment III (COMPANY DOCUMENTS)**, a statement of his financial capabilities, latest bank statements and a bank confidence/reference letter.
6. This Tender is a firm fixed price Lump Sum Contract. Bidder shall include for all fluctuations that may occur during the Time for Completion of the Contract Period.
7. All items in the Tender Documents shall be priced. Any alteration in prices shall be initialed by the person signing the Tender provided part of the **Volume III (PRICE PROPOSAL AND SCHEDULE)** along with proper justification. The rates and prices set down by the Bidder against all items in the Tender Documents shall be fully inclusive of BRT and other Applicable Taxes, profit and all that is necessary to fulfil the liabilities and obligations arising out of the Contract. Each item in the Bills of Quantity shall be priced. If any item is left non-priced, it shall be deemed that the cost of the work described thereunder is allowed for elsewhere in the Tender Documents.

**No grouping of prices is allowed, grouping of prices shall be a cause of rejection of the tender.**

8. The Tender shall be submitted solely on the basis of the Tender Documents and shall be free of any qualifications. The Bidder is allowed to submit alternative tenders for evaluation by the Employer for consideration in accordance to this tender requirement. Alternative Tenders based on specifications that are different from the Specification included in the Tender Documents shall be considered provided that a bidder is fully complying with the requirements laid down in the Tender Documents, and the bidder shall give full details of such alternative specifications. Notwithstanding to the above, the Employer shall have the right free to accept or reject such alternative tenders. Alternative



Tender shall be submitted in the manner stated in this instruction to Bidders and shall be endorsed "Alternative No. 1".

9. Tenders shall be submitted not later than the time detailed in the Letter of Invitation or any granted extension of time.

10. The Technical and Commercial Bids of the Tender shall be submitted separately as follows:

Technical bid should be submitted to CEFE Group International on the email address mentioned below:

To: **Eng. Ghulam Mujtaba Baha,**  
Contract and Tendering Manager  
**CEFE Group International**  
Email: [construction@cefegroup.com](mailto:construction@cefegroup.com)

**Volume I - Commercial Bid should comprises the following:**

- Signed copy of the Entire Tender Document
- Covering letter
- Authenticated Power of Attorney for the signatory to the Tender

**Volume II - Technical Bid should comprises the following:**

The Technical Submission comprises the following:

- Method Statement (Work Methodology)
- Organizational Chart
- Key Personnel Resume
- List of proposed sub-contractors (if any) and suppliers
- Schedule of Material Sources and Specification
- Construction Schedule (Bar Chart in Ms. Excel or Primavera)
- List of Proposed Equipment
- Any other Technical Qualifications (if available and relevant)
- Valid Business License

**Volume III – Detailed Price Proposal should comprise the following:**

- Firm Fixed Price Lump Sum
- Schedules of Rates and Prices of Each item in Bill of Quantity
- Statement of his Financial Capabilities, Latest Bank Statements and a Bank Confidence/Reference letter
- Statement of Validity of Prices not less than 90 Days

**ATTACHMENT II -** - Acknowledgement of the Technical Drawings

**ATTACHMENT III-** - Company Documents (Profile and Fact Sheet)

11. The Employer does not bind himself to accept the lowest tender, or any tender, and will not assign any reason for the acceptance or rejection thereof.
12. The Tender shall be valid for a period of 90 (Ninety) days from the date of submission and shall be irrevocable and binding from the date of submission up to the date of expiry of its validity. No unauthorized alteration to prices will be considered after the date of submission.
13. The Employer will open the Tenders and study them to ensure they confirm to the requirements of the Tendering Procedure. He may also, at his discretion announce the Tender figures contained therein. Should the Tender validity period of 90 (Ninety) days elapse without the Bidders being notified of the results of the Tender, they will be entitled to withdraw their Tenders. Withdrawal shall be affected by means of a written notification addressed to the Employer. If any Bidder elects not to withdraw his Tender within the 10 days limit, the Tender shall be considered to be binding on him for a further period of 90 (Ninety) days from the expiry date of the original validity period and he shall renew his guarantee accordingly. The Employer shall be at liberty, in the course of the latter period of 90 days, either to accept or to reject the Tender.
14. The successful Bidder will be notified in writing by the Employer that his Tender has been accepted. The Employer will then notify him of his approval and the authorized representative of the successful Bidder will be required to attend the offices of the Employer to sign the Contract within two weeks of such approval.
15. The Employer, in the event of the withdrawal of the successful Bidder, may consider the abolition or inviting new Tenders or the awarding of the Contract to any other Bidder.
16. The acceptance of the Tender shall be conditional and should the successful Bidder fail to sign the Contract within the stipulated time or for any other reason withdraw his participation in the Tender, the Employer may due to the default of the successful Bidder, withdraw his acceptance of the Tender without any notice or other formality and may, by private treaty, enter into a new arrangement for the execution of the Works or any part of it comprised in such new arrangement and thereupon the amount of the Tender Guarantee shall be confiscated by the Employer without necessity for any legal or other formality or proof of damage and without prejudice to the right of the Employer to award the contract to the next lowest Bidder, if necessary, or to any other entity at any other price or rate.
17. The submission of a Tender is considered to be an acknowledgement by the Bidder that he has at his own responsibility obtained all necessary information, fully reviewed the Tender Documents, he has visited and **acquainted** himself with the site of the Works, and all matters appertaining to the conduct of the Contract and his obligations under it. Such

submission shall be considered as an undertaking by the Bidder that he will execute the Contract and provide all materials and other things necessary for the due performance of the Works in strict accordance with the Contract.

18. Should there be any doubt or obscurity in the meaning of any part of the Tender Documents, or as to anything to be done or not to be done or as to any other matter or thing, the Bidder shall set forth such doubt or obscurity in writing and submit the same to the Employer not later than two weeks prior to the submission date stated in the Invitation to Tender. The reply will be distributed to all Bidders to whom a set of **documents** has been issued as "Addendum". Any interpretation or clarification of the Documents will be made only in writing. In no case will any procedure in connection with clarification and interpretation of the Documents give the right to Bidders to claim the prolongation of the time set for submitting Tenders.
19. This **Contract** shall be concluded and shall in all respects be construed and operated in accordance with the laws of Afghanistan.
20. The quantities set out in the Bill of Quantities are the estimated quantities for the Works, and not to be taken as the actual and correct quantities of the Works to be executed by the Contractor in fulfilment of his obligations under the Contract. the Bidder shall be deemed to have satisfied himself as to the accuracy of the quantities and have included in the Tender Price for all variances in the measurements he considers necessary by inserting appropriate price in the Bill of Quantities where provision made for the Contractor to price such variances, prior to the submission of his tender.
21. The items in the Bill of Quantities (enclosed) shall be priced independently and the Employer reserves the right to **accept** any part or parts of the whole tender. In the event of acceptance in part, an adjustment will be made to the relevant items in the General and Preliminary Bill, to reflect the reduction in the tender sum.
22. The rates and prices contained in the Tender Documents shall be examined prior to the awarding of the Contract in order to ascertain that the items are extended correctly at the rates quoted. Should any error be found, the rate shall remain unaltered and the extended amount shall be corrected, and the Bidder may be requested to confirm the revised Tender Sum. The total amount of the Tender shall be amended accordingly. Any or all corrections necessary may be made without reference to the Bidder and the revised tender price shall be determined which shall be used for the purpose of comparison with other Bidders and as a basis for contract award, if any. Failure by the Employer to discover any error during the checking of the Tender shall not entitle the successful Bidder or the Employer to make a claim for payment against the error should it be discovered after entering into contract execution.

23. Persons, firms or companies proposing to tender, and any of their servants or agents, will be granted permission by the Employer to enter upon his premises and lands for the purpose of inspection in connection with the proposed tender, but only on the condition that such persons, firms or companies will release **and** indemnify the Employer and his servants and agents from and against all liability in respect of, and will be responsible for, personal injury (whether fatal or otherwise), loss of or damage to property and any other loss, damage, cost and expense however caused (whether by the act or neglect of the Employer or his servants or agents or not) which, but for the exercise of such permission, would not have arisen.
24. No alteration, other than filling in all the blanks intended to be filled in, shall be made in the Tender Form or in any of the documents issued with it. If any alteration is made, and if these instructions are not fully complied with, said tender may be rejected.
25. Neither The Designer, nor any of his employees, nor any agents or servants of the Employer, has any authority to make representation or explanation as to the meaning of the Documents, or as to any other matter or thing concerned with the Contract, so as to bind the Employer or to bind or fetter the judgment or discretion of The Designer in the exercise of his powers and duties under the Contract, except insofar as The Designer and/or the Employer may issue a formal circular letter to Bidders amending or explaining the Documents.
26. If a Bidder requires an extension of the tender period, he shall notify the Employer in writing not later than one week prior to the submission date stated in the Invitation to Tender. Any additional time for tendering allowed shall be at the discretion of the Employer.
27. Any ground investigation or site/marine survey details included with the Tender Documents are provided as a guide to the existing site conditions. Neither the Employer nor the Consultant guarantees the accuracy of this information. The Bidder shall be solely responsible for the interpretation and verification of the data provided and shall be deemed to have satisfied himself as to the conditions expected to be encountered in constructing the Works, whether from the information provided or by his own further investigations.
28. The Bidders (whether they submit a tender or not) must treat the details of the Tender Documents as private and confidential and must not divulge the contents to any other party, except as far as necessary for the purpose of obtaining prices in order to submit their Tender only.
29. All correspondences between The Employer, and the Contractor during Tender Stage, Award of Contract and execution of Contract shall be in the English language, and shall be via written letters only, no verbal representation allowed.

30. The currency of the Contract will be the Afghanistan Currency (Afghani).
31. The Bidders are notified that the bidder is required to present a past performance statement along with the Bid documents. The Past Performance must show the related experience of the bidder in the performance of similar projects preferably in Kabul, Afghanistan.
32. The successful bidder shall be responsible for providing and maintaining, at its cost and, for the duration of the Project suitable housing and accommodation for all of its staff and labour resources associated with the Project.
33. The Contractor and all his sub-contractors and assignees shall abide by and strictly observe all laws, regulations and instructions in force from time to time by the Government of Islamic Republic of Afghanistan.

Read, agreed and signed by:

**The Bidder**

Name : .....

Signature : .....

Capacity : .....

Company : .....

Duly authorized to sign Tenders for and on behalf of:

Mr./Ms. : .....

Dated this : ..... day of ..... 2020

**PART B: FORM OF TENDER AND**  
**APPENDIX**



**FORM OF TENDER**

**TO;**

**Eng. Ghulam Mujtaba Baha,**  
Contract and Tendering Manager  
**CEFE Group International**  
Email: [construction@cefegroup.com](mailto:construction@cefegroup.com)

**Contract:** ADDITIONAL STRUCTURAL WORKS PACKAGE – Commercial and Residential Building located at Shahre-E-naw – Kabul, Afghanistan.

**Dear Engineer,**

1. Having examined the Tender Documents comprising:

<b>VOLUME I</b>	-	SIGNED TENDERING PROCEDURES AND CONDITIONS OF CONTRACT
<b>VOLUME II</b>	-	TECHNICAL PROPOSAL
<b>VOLUME III</b>	-	PRICE PROPOSAL AND SCHEDULE
<b>ATTACHMENT I</b>	-	ACKNOWLEDGEMENT OF BILL OF QUANTITIES
<b>ATTACHMENT II</b>	-	ACKNOWLEDGEMENT OF TECHNICAL DRAWINGS
<b>ATTACHMENT III</b>	-	COMPANY DOCUMENTS (PROFILE AND FACT SHEET)

ADDENDA AS ISSUED (if any)

For the execution of the above-mentioned Works, we the undersigned offer to execute and complete the Works and remedy any defects therein in conformity with the Tender Documents, for the Sum of:

Afghani Currency: .....AFN

In Letters: .....Only

**“Contract Price”**

And ascertained that the above documents contain no errors or other defects.

2. We undertake, if this Tender is accepted, to commence mobilization of the Works on the date of receiving the Site Access Permit or Demarcation of Plot approval from the relevant Authorities whichever is later (the Commencement Date), and to complete and deliver the whole of the Works comprised in the Contract within the Time for Completion, which period includes all Weekends, announced holidays, days of reduced working hours during Ramadan and other non-working days including reduced working hours during periods of exceptionally adverse climatic conditions.

3. If this Tender is accepted, we will agree to accept a retention to be kept by the employer, to the value of 10% (Ten Per Cent) in each invoice (interim payment certificate), for the due performance of the Contract in accordance with these Terms and the Conditions of Contract.
4. The Employer shall pay to the Contractor the amount certified and approved in each interim payment certificate within 30 days from the invoice date (fully complied invoice) for the approved stage of Work. The payment Schedule is as following:

<b>Payment Percentage</b>	<b>:</b>	<b>Description</b>
<b>20%</b>	<b>:</b>	After Mobilization & Material Delivery to the site.
<b>20%</b>	<b>:</b>	After Completion of 30% of the work on site
<b>20%</b>	<b>:</b>	After Completion of 60% of the work on site
<b>20%</b>	<b>:</b>	After Completion of 90% of the work on site
<b>20%</b>	<b>:</b>	After 100% Completion of the project

5. We agree to abide by this Tender for a period of 90 (Ninety) days from the date of submission of this Tender or such further period of 90 (Ninety) days established in accordance with the Instructions to Tenderers and it shall remain binding upon us and may be accepted at any time before the expiration of the said period.
7. We understand that the Employer is not bound to accept the lowest or any tender.
8. The Contractor shall, before starting each portion of the Work, carefully study and compare the various Drawings and Contract Documents relative to that portion of the Work, take if any conditions at the site affecting it. The Contractor shall promptly report to the Contracting and provided measurements of any existing conditions related to that portion of the Work, and shall observe Tendering Manager any errors, inconsistencies or omissions discovered by or made known to the Contractor as request for information in such form as the Architect may require. Having discovered such errors, inconsistencies or omissions, or if by reasonable study of the Drawings and Contract Documents the Contractor should have discovered such, the Contractor shall bear all costs arising therefrom.
9. The price quoted as Lump Sum by the Contractor is based on the final agreed drawings and specifications. The Contractor understands that he is not liable for any variation or claims due to The Contractor's inattention to those.
10. The Contractor of the project shall undertake the following:
  - a. Contractor will protect the existing both underground utility extensions, streetlight locations and on-street parking provisions; and therefore, is solely held responsible to pay for any repairs, damages or re-instatement works when necessary. All costs of reinstating the pavement profile and the reconstruction of the proposed one, including the cost of any changes as well that might be required to any of the existing infrastructures until a final connection to plot premises, will solely be borne by Main Contractor, and in accordance with Kabul Municipality or any other authority specifications and quality requirements. The Contractor shall bear in full the cost of restoring the overall conditions of the roadside works for all surface installations including streetlight, curbs and pavement tiles and maintain complete protection of underground infrastructures.

- c. Any modification/shifting required for the services house connection shall be done by the Contractor at their Plot Owner cost.
- d. Contractor is fully responsible to obtain required approval from concerned authorities.
- e. Contractor ensures that Gate levels should match with existing levels, and the proposed curb cuts shall match with the development driveway as designed by the Architect employed by the Employer.

10. We acknowledge the receipt of the following Addenda to the Tender Documents (if any):

Addendum Number	Circulars	Date of Issue

**The Bidder:**

Name : .....

Signature : .....

Capacity : .....

Company : .....

Duly authorized to sign the Tender for and on behalf of:

Mr./Mrs. : .....

Dated this : ..... day of ..... 2020

In the presence of

Name : .....

Signature : .....

Occupation : .....

**PART C: CONTRACT**  
**AGREEMENT**

## FORM OF AGREEMENT

THIS AGREEMENT MADE ON THE .... day of ....., 2020

Between CEFE GROUP INTERNATIONAL, Address ....., ..... Afghanistan (Hereinafter called 'The Employer') of the one part and "....." Address ....., ..... (Hereinafter called the Contractor') of the other part.

WHEREAS the Employer desirous that certain works known **ADDITIONAL STRUCTURAL WORKS PACKAGE of the Commercial and Residential Building located at Shahre-E-naw – Kabul, Afghanistan**, (the "Works") should be executed by the Contractor and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects therein.

The Works shall be for carrying out the construction of the Works of ..... all as more particularly described in the Tender Documents submitted to you earlier as part of the tender dated ..... 2020, and all its subsequent circulars and revised drawings being provided by newly appointed Consultant, secure required approvals/permits/NOC's maintain the Works and repair all defects for 365 days from completion date for all Works.

### The Contractor and the Employer agrees 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 hereinafter referred to.
2. The following documents shall be deemed to form and to be read and construed as a part of this Agreement:

<b>VOLUME I</b>	-	SIGNED TENDERING PROCEDURES AND CONDITIONS OF CONTRACT
<b>VOLUME II</b>	-	TECHNICAL PROPOSAL
<b>VOLUME III</b>	-	PRICE PROPOSAL AND SCHEDULE
<b>ATTACHMENT I</b>	-	ACKNOWLEDGEMENT OF BILL OF QUANTITIES
<b>ATTACHMENT II</b>	-	ACKNOWLEDGEMENT OF TECHNICAL DRAWINGS
<b>ATTACHMENT III</b>	-	COMPANY DOCUMENTS (PROFILE AND FACT SHEET)

3. The Contractor hereby covenants with the Employer to construct, complete and maintain the Works in conformity in all respects with the provisions of the Contract as per the agreed schedule "copy enclosed" which includes, all holidays and weekends in addition to the Defects Notification Period of 90 days as defined in the Conditions of Contract hereinbefore referred to.
4. The Employer hereby covenants to pay to the Contractor in consideration of the execution, completion and maintenance of the works, a Lump sum amount of (Afghani .....AFN) (In Letters ..... only).

(Hereinafter referred to as "the Contract Sum") or such other sum as shall become payable in accordance with the provisions of the said conditions of contract and at the times and in the manner specified in the said conditions.

IN WITNESS WHEREOF the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year first above written).

**EMPLOYERS**

**CEFE GROUP INTERNATIONAL**

Signature .....

Being duly authorized to sign and on behalf of the Employer

Witness

Name .....

Signature .....

**CONTRACTOR**

Signature .....

Being duly authorized to sign and on behalf of the Contractor

Witness

Name .....

Signature .....

## **ATTACHMENTS AND APPENDIXES**





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## **ATTACHMENT III – SCOPE AND TECHNICAL SPECIFICATIONS**

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MAY 12, 2020

## **SCOPE OF WORK**

### **GENERAL**

This project consists of the construction of residential and commercial building facilities (approximately 648 SM in size; see furnished drawings and specifications) to be located at Shar-e-naw, Kabul Province, Afghanistan. This project is defined as the management, planning, material, labor, and equipment, to construct all utilities, vehicular access, buildings, force protection measures, site security, and other features as referenced herein. The work within this contract shall meet and be constructed in accordance with current design and International Building Codes (IBC), Life Safety Codes (NFPA-101), Force Protection and security standards. A partial listing of references is:

IBC, International Building Codes 2006

NFPA 101, Life Safety Codes

UFC 4-010-01

### **SUMMARY OF WORK**

Construction of the additional part of 6<sup>th</sup> floor and construction of new concrete and steel structure floor at 7<sup>th</sup> floor according to the designed drawings and specification.

### **DEMOLITION**

As applicable, the contractor shall demolish all existing structures all-around the roof cantilevers at 6th floor roof based on direction and specification as per design drawings, bricking of the slabs in each floors for new elevator, bricking of the cantilever in each floors at west side of the building as shown in the design drawings.

### **STRUCTURAL CONCRETE**

Concrete structural elements shall be constructed in accordance with the provisions of the American Concrete Institute, Building Code Requirements for Structural Concrete, ACI 318. A minimum cylinder 28 day compressive strength of 28 MPa (4,000 & 5000 psi as per design drawings) shall be used for design and construction of all concrete. Reinforcing steel shall be deformed bars conforming to American Society for Testing and Materials publication ASTM A 615, Deformed and Plain Billet-Steel Bars for Concrete Reinforcement. Concrete shall have maximum water-cement ratio of 0.45. No concrete shall be placed when the ambient air temperature exceeds 32 degrees C (90 degrees F) unless an appropriate chemical retardant is used. In all cases when concrete is placed at 32 degrees C (90 degrees F) or hotter it shall be covered and kept continuously wet for a minimum of 48 hours.

The contractor is responsible for construction of all concrete works in accordance with the design drawing and technical specifications, the building shall consist of a reinforced concrete frame, floor slab,

and roof slab, water tank at the basement, concrete shear walls at the ground floor, concrete columns, beams and slab at 6th floor and concrete columns, beams and slab at 7th floor.

### **Concrete Submittals**

Coarse Aggregate Gradation Test Results

Fine Aggregate Gradation Test Results

Concrete Mix Design

Cement Data

Curing Compound

All applicable ACI test results and procedures

Concrete slump - ASTM C143/C143M. Take concrete samples during concrete placement/discharge. The maximum slump may be increased as specified with the addition of an approved admixture provided that the water-cementations material ratio is not exceeded. Perform tests at commencement of concrete placement, when test cylinders are made, and for each batch (minimum) or every 16 cubic meters 20 cubic yards (maximum) of concrete.

Concrete air content - ASTM C173/C173M or ASTM C231/C231M for normal weight concrete. Test air-entrained concrete for air content at the same frequency as specified for slump tests.

Concrete temperature- Test the concrete delivered and the concrete in the forms. Perform tests in hot or cold weather conditions (below 10 degrees C and above 27 degrees C below 50 degrees F and above 80 degrees F) for each batch (minimum) or every 16 cubic meters 20 cubic yards (maximum) of concrete, until the specified temperature is obtained, and whenever test cylinders and slump tests are made.

Concrete Compressive Strength - ASTM C39/C39M. Make six 150 mm by 300 mm 6 inch by 12 inch test cylinders for each set of tests in accordance with ASTM C31/C31M, ASTM C172/C172M and applicable requirements of ACI 305R and ACI 306R. Take precautions to prevent evaporation and loss of water from the specimen. Test two cylinders at 7 days, two cylinders at 28 days, and hold two cylinder in reserve. Take samples for strength tests of each mix design of concrete placed each day not less than once a day, nor less than once for each 75 cubic meters 100 cubic yards of concrete for the first 380 cubic meters

500 cubic yards, then every 380 cubic meters 500 cubic yards thereafter, nor less than once for each 500 square meters 5400 square feet of surface area for slabs or walls. For the entire Delivery Order, take no less than five s ets of samples and perform strength tests for each mix design of concrete placed. Each strength test result must be the average of two cylinders from the same concrete sample tested at 28 days.

Concrete compressive tests must meet the requirements of ACI 318

Section 5.6. Retest locations represented by erratic core strengths.

Where retest does not meet concrete compressive strength requirements submit a mitigation or remediation plan for review and approval by the contracting officer. Repair core holes with non-shrink grout. Match color and finish of adjacent concrete.

Unit Weight of Structural Concrete- ASTM C567/C567M and ASTM

C138/C138M. Determine unit weight of lightweight and normal weight concrete. Perform test for every 15 cubic meters 20 cubic yards maximum.

Ion Concentration - ACI 318. Determine water soluble ion concentration in accordance with ASTM C1218/C1218M. Perform test once for each mix design.

All applicable ASTM/ACI test results and procedures

### **Reinforcing Bars**

Except when used for wire ties or spirals, steel bars used as reinforcement in concrete shall be deformed and shall conform to the requirements of AASHTO M 31 (ASTM A 615).

Where shown on the plans, the bars shall be Grade 60.

Where Grade 60 is not specified on the plans, Grade 40 shall be used if immediately available. If Grade 40 is not immediately available, Grade 60 may be used exclusively or in combination with Grade 40 provided that the conditions under which the grades are used in combination are acceptable to the Engineer and further provided that there is no additional cost to the Department.

**Welded Wire Fabric:** Welded wire fabric used as reinforcement in concrete and mortar shall conform to the requirements of AASHTO M 55

### **EPOMAX-ANCHOR**

Fast curing anchoring adhesive for reinforcement rods

Thread diameter d (mm) 8 10 12 16 20 Drill diameter d0 (mm) 10 12 14 18 24 Anchorage depth hef (mm) 80 90 110 125 170 Description

EPOMAX-ANCHOR is 2- component

Polyester based anchoring adhesive. It does not contain solvents and styrene and has no shrinkage behavior.

Thread diameter

D (mm) 8 10 12 16 20 Drill diameter d0 (mm) 10 12 14 18 24 Anchorage depth hef (mm) 80 90 110 125 170 Minimum

Part thickness h min (mm) 130 140 160 175 220 Edge distance

Corn (mm) 80 90 110 130 170 Axial distance

Scrunch (mm) 160 180 220 250 340 Design load values for concrete C20/25

NRk (KN) 12.3 18.4 26.0 30.2 48.1 Recommended

Loads for concrete C20/25

Frec (KN) 4.7 7.1 10.0 11.2 18.8

### Fields of application

EPOMAX-ANCHOR can be used as a fast curing anchoring adhesive for reinforced bars, threaded rods, anchor bolts. Etc. It can also be used to

Install these fixtures into concrete, solid rock, hollow and solid masonry, etc.

### Technical data

Base: polyester styrene free

Color: grey Mixing proportion

(A:B): 10:1 ratio by volume

Density: 1, 65 kg/lit Application

Temperature: between +5°C and 35°C

Curing : Compression strength: 75 Mpa after 24h

Temperature

Working time Curing time + 5 OC 25 min 120 min + 10 OC 15 min 80 min + 20 OC 6 min 45 min + 30 OC 4 min 25 min + 35 OC 2 min 20 min

Compression strength: 75 Mpa after 24h

### Directions for use

1. Installation to concrete or solid stone Drill correct diameter hole to the recommended depth. Then clean the hole thoroughly with a nylon brush and remove any loose particles using compressed air, hand pump, etc. Screw the mixer to the cartridge, after that, attach the mixer nozzle to the end of the cartridge and insert the cartridge into the applicator gun. Afterwards squeeze out to discard approximately 15 ml of compound, this quantity is not used. Starting from the back end, fill hole completely with the resin. Push anchor up to base of hole whilst turning it slightly. A visual check of resin filling is necessary.

Allow the material to cure before attaching fixings and applying loads. Be consulted the relative table of curing times for EPOMAXANCHOR

2. Installation to hollow substrates Drill hole without percussion drill. Then remove any loose particles using compressed air, hand pump, etc. Screw the mixer to the cartridge, after that, attach the mixer nozzle to the end of the cartridge and insert the cartridge into the applicator gun. Afterwards squeeze out to discard approximately 15 ml of compound, this quantity is not used. Insert the perforated sleeve in the hole. Starting from the back end, fill the perforated sleeve with resin. Afterwards, push anchor up to the base of the sleeve whilst turning it slightly. Allow the material to cure before attaching fixings and applying loads. Be consulted the relative table of curing times for

### **EPOMAX-ANCHOR**

#### **Consumption**

Depending on the application.

Packaging Cartridges of 300 ml.

#### **Shelf-life - Storage**

Shelf-life is 12 months, in dry and frost-free conditions.

#### **Remarks**

EPOMAX-ANCHOR can be applied on low ambient temperatures up to -5°C, but the temperature of the product has to be at least 10°C.

The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore the user is responsible for confirming that the chosen product is suitable for the envisaged application. The present edition of this technical datasheet automatically cancels any previous one concerning the same product.

### **STRUCTURAL STEEL**

Structural steel shall be designed and constructed in accordance with the provisions of American Institute of Steel Construction (AISC), Specifications for Structural Steel Buildings. Design of cold-formed steel structural members shall be in accordance with the provisions of American Iron and Steel Institute (AISI), Specifications for Design of Cold-Formed Steel Structural Members.

Steel truss with steel column at the 7<sup>th</sup> floor according to the design drawing and technical specifications.

### **WELDING**

Field welding shall not be used for any part of the Main Structural Force Resisting System for significant structures. The Main Structural Force

Resisting System is that part of the structural system providing the required resistance to all gravity loads (dead, live) and all lateral loads (wind, seismic). Bolted connections in lieu of welding are strongly recommended.

Exemptions to these guidelines would be minor structural connections; including metal trusses bearing on a reinforced concrete roof, and non-load bearing applications

### **STEEL ROOF JOISTS**

Steel roof joists shall be placed according to the roof design and roof manufacturer specifications. Steel purlins shall be installed perpendicular to the steel beams. Use continuous metal roof sheets from ridge to eave to avoid constructing roof seams. In lieu of the continuous metal roof sheets, the Contractor can submit a plan for roofing seams; however, the plan must show a detail of how leaks will be avoided, and the Contracting Officer before application must approve the plan. Provide all necessary metal framing for roof fascia and soffits. See structural paragraph for structural characteristics of steel joists.

### **OPEN WEB STEEL JOISTS**

Open web steel joists shall conform to SJI Specifications and Tables. Joists shall be designed to support the loads given in the standard load tables of SJI Specifications and Tables.

### **METAL DECK**

Deck units shall conform to SDI Publication Number 29. Panels of maximum possible lengths shall be used to minimize end laps. Deck units shall be fabricated in lengths to span three or more supports with flush, telescoped or nested 50 mm (2 inch) laps at ends, and interlocking, or nested side laps. Metal deck units shall be fabricated of steel thickness required by the design and shall be galvanized.

Note: Scope of works and specification is attached and the BOQ and technical drawings will send upon request